

Yamaha
Audio and Video

MusicCast

Home Theatre Components

Front Surround Systems

Desktop Audio Systems

Hi-Fi Components and Speakers



Powered by music

Powered by music

C O N T



MusicCast

YAS-306 / ISX-18 / ISX-18D / ISX-80 / WX-010 / WX-030
MCR-N570D / MCR-N470 / R-N402 / R-N602

Home Theatre Components 22

AV Receivers / Blu-ray Disc Players /
AV Pre-amplifier / Power Amplifier

Front Surround Systems 32

Digital Sound Projectors / TV Surround Systems /
Front Surround Systems /
Bluetooth Speaker Systems / Powered Speaker



Music has enormous power to move us and arouse our emotions. We love it, we yearn for it, we are devoted to it. Its energy can advance technology and enrich our lives. In the more than 125 years of our existence, Yamaha has been making steady progress, nourished by our unwavering enthusiasm for music. We're continually exploring the possibilities of sound, striving always to bring you a richer musical experience.

E N T S



4

/ MCR-N870 / MCR-N870D / MCR-N670 / MCR-N570 /
/ YSP-2700 / YSP-1600 / WXC-50 / WXA-50

Desktop Audio Systems 37

Wireless Streaming Speakers / Integrated Audio Systems /
Lighting Audio Systems / Micro Component Systems / Desktop Audio Systems /
Bluetooth Speaker System / Headphones / Inner Ear Headphones

Hi-Fi Components and Speakers 42

Integrated Amplifiers / Compact Disc Players / Receivers /
Network CD Player / Compact Disc Changer / Tuners /
Network Powered Speaker / Micro Component Systems /
Wireless Streaming Amplifiers / Speakers



YAMAHA



MusicCast Expands Entertainment

Music from smart devices, streaming services, CD, PC, radio, in fact all your music sources can be linked in one location and shared throughout the home. Compatible with *Bluetooth®* and *AirPlay*, MusicCast lets you connect various components and control them all with a single app. In your living room, kitchen, private room...anywhere, you can share the music and spread the joy.



Streaming Service Support  Spotify®

Stream Internal or External Content

MusicCast lets you network audio equipment with a wide variety of functions and features. Share music from any sound, from MusicCast products to equipment connected to external inputs including HDMI, and enjoy all the feeling you get from upgrading your audio equipment.



* Devices that can be connected vary depending upon the model.



musicCast

a new world of wireless freedom

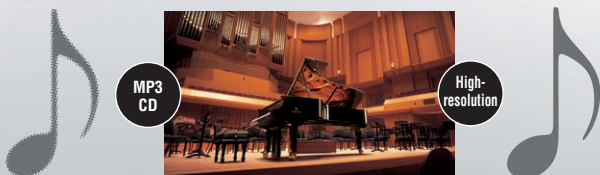
MusicCast is a new revolution in network audio, use all your MusicCast products together or separately, it's completely up to you. Control it, all from one app, designed to be intuitive, quick and simple to use. Use a soundbar, a wireless speaker, an AV receiver, Hi-Fi audio whichever suits you best, mix and match then expand your MusicCast system as time goes on. All new from Yamaha, the MusicCast system brings everything to everywhere for everyone.



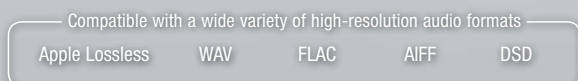
Scan code for more information

Supports High-resolution Music Content

MusicCast supports a variety of audio formats including MP3, WAV and FLAC. All MusicCast products support 192kHz/24-bit high-resolution audio codec, letting you enjoy your music with extremely high quality sound.



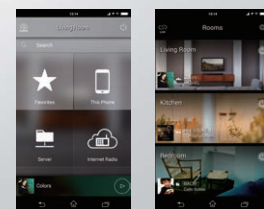
Compared to compressed sound sources, high resolution sound sources more accurately reproduce the sonic details, presence, and atmosphere of a concert hall.



* All MusicCast products support WAV/AIFF/FLAC 192kHz, 24bit and Apple Lossless 96kHz. Certain models also support DSD 5.6MHz.

Beautiful and Smart Control with MusicCast App

Just by tapping the beautifully designed screen, you take control of all the music and MusicCast devices in your home. You can select photos you've taken yourself for display on each room's screen, and customise it just the way you like.



Bluetooth Output for streaming music to Bluetooth devices



* Bluetooth streaming can only be used for one device at a time.



Soundbar

> see page 8-9, 34-35



Digital Sound Projector

> see page 18-19, 32-33



Soundstage

> see page 35

Front Surround Systems



Interior Audio (Restio)

> see page 10-11, 37



Streaming Speaker

> see page 12-13, 37



Slim AV Receiver

> see page 31

Desktop Audio Systems

MUSICCAST
a new world of wireless freedom

Home Theatre Components

Share all your music in any style.



AV Receiver

> see page 22-23, 26-27



AV Receiver (AVENTAGE)

> see page 22-25



**Wireless Streaming amplifier /
Wireless Pre-amplifier**

> see page 20-21, 49



Hi-Fi Powered Speaker

> see page 47

Hi-Fi Components and Wireless Streaming Amplifiers



Hi-Fi Receiver

> see page 16-17, 45



**Micro Component System
(GrandPianoCraft)**

> see page 14-15, 48



**Micro Component System
(PianoCraft)**

> see page 14-15, 48



MusicCast transforms your living

An elegant and discreet style to blend with any space combined with advanced technology and surround sound to give you the best music and video experience.

musicCast
a new world of wireless freedom

YAS-306

Front Surround System



Silver

Black



Listen to everything, everywhere

MusicCast uses a high performance wireless network to send music and audio all over your home. It can stream digital music content from your smartphone, PC or NAS to other MusicCast devices in your home. It can also share the music from external devices such as a TV or BD player connected to the YAS-306.



room



Content from streaming service and music apps

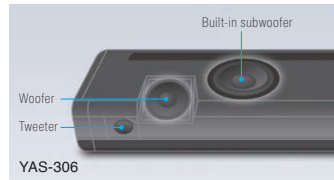
MusicCast supports the popular Spotify streaming service. From the latest hits to classics, you can access music from all over the world. *Bluetooth* compatibility enables you to listen to anything already on your smartphone.



Any Music APP/
Streaming Services

Spacious sound from any position

The YAS-306 includes two powerful subwoofer units plus a unique bass reflex port for clear and precise bass response. It also has two mid-sized woofer units and two tweeter units that deliver balanced midrange and clear high tones. The YAS-306 is easy to place anywhere: horizontally or vertically, or mounted on a wall.



The best possible sound with all types of sources

Yamaha's unique technology makes listening to everything a pleasure. Clear Voice makes it easier to hear TV dialogue. AIR SURROUND XTREME reproduces 7.1-channel surround sound. Compressed Music Enhancer* makes compressed audio sound richer and smoother. All these functions ensure the best sound from any source.

* Bluetooth input only



> For details on the product, see page 34 and 56

MusicCast matches your sound

Styled like the frame of a photo or work of art.
Fitting to your life and style.

Restio

ISX-18/ISX-18D

Integrated Audio System

2-way,
2-speaker
system



Black

White

ISX-80

Integrated Audio System

2-way,
4-speaker
system



White

Black

Purple



An artistic look that harmonises with your decor

The Restio series offers a stylish design for enjoying music. The frame is made of high quality aluminium and the front grille is metallic mesh. There's a clock with an alarm function included and the units blend beautifully into your interior. Restio will enhance your daily life.





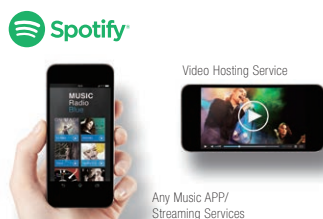
Beautiful placement anywhere you want it

The ISX-18 and ISX-18D are 19.5 cm square and the ISX-80 is 30.2 cm square — these compact, slim sizes make it easy to place them on a shelf just like a photo frame or work of art. They're also designed to be hung on a wall, for beautiful placement.



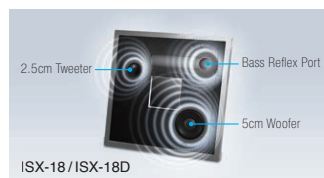
Content from streaming service and music apps

MusicCast supports the popular Spotify streaming service, letting you access music from all over the world. *Bluetooth* compatibility enables you to listen to anything already on your smartphone.



Excellent sound quality from a slim body

The ISX-18 and ISX-18D incorporate one woofer with a bass reflex port and one tweeter, while the ISX-80 is a high-spec version with two woofers and two independent tweeters. In addition, both models support high resolution audio source playback.



> For details on the product, see page 37 and 56

MusicCast starts your day with serene music

The calm comfort of your favourite music and best-loved songs.
Creating a wide world of sound with remarkable performance.

WX-010

Wireless Streaming Speaker

Output Power
25w



WX-030

Wireless Streaming Speaker

Output Power
30w



Content from streaming service and music apps

MusicCast supports the popular Spotify streaming service, letting you access music from all over the world. *Bluetooth* compatibility enables you to listen to anything already on your smartphone.

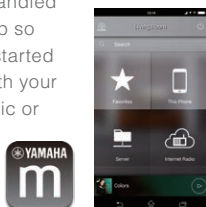


Any Music APP/
Streaming Services



MusicCast App for easy setup and intuitive control

The beautifully designed screen supports the simple, easy-to-operate MusicCast app. Listening to your music from any source has never been so easy. All settings are completely handled inside the app so you can get started right away with your favourite music or discovering a new passion.

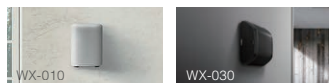


Robust sound from a compact body

The WX-010 and WX-030 use passive radiator technology to deliver a more robust and dynamic sound than you expect for their small size.

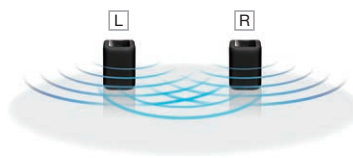


Wall mountable



Enjoy music in stereo using two units

Two units can be paired together as left and right channel speakers, producing stereo sound so you can enjoy a wider listening area. Pairing is done via the MusicCast app and takes seconds to complete.



MusicCast
a new world of wireless freedom

MusicCast delivers

Real sound and styling that radiates the
Experience musicality

GRAND PIANO CRAFT



MCR-N870/MCR-N870D
Micro Component System



MCR-N870/MCR-N870D

Micro Component System



Silver

Black

MCR-N670

Micro Component System



Silver

Black



MCR-N570/MCR-N570D

Micro Component System



Black

Silver

MCR-N470

Micro Component System

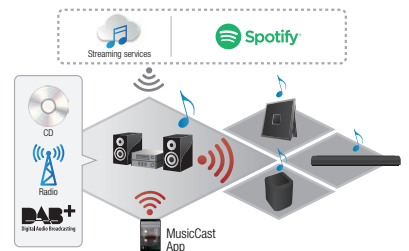


Black

Silver

Stream all music sources including CD and radio

MusicCast allows you to listen to music sources from your smartphone or from other sources in your home, using a single app. These models can send music from CD, radio, streaming service, DAB (DAB model only) to other MusicCast devices.



true musicality

presence of crafted musical instrument.
like never before.



MCR-N470
Micro Component System

Supporting the latest high resolution sound formats

The GRANDPIANOCRAFT and PIANOCRAFT series are compatible with a variety of high resolution audio formats. In addition, the MCR-N870 and MCR-N870D have a USB DAC function, allowing them to provide DSD format playback.

AIFF / WAV / FLAC	192 kHz/24 bit
Apple® Lossless	96 kHz/24 bit
DSD*	5.6 MHz

*MCR-N870/MCR-N870D only

High efficiency digital amp with high quality parts

These models use a highly efficient digital amplifier for clear sound quality combined with low distortion. All of the high quality parts such as capacitors and filters are selected after extensive sound tuning. You'll be able to take advantage of all sources and listen with enhanced clarity for a truly musical performance.



Beautiful glossy piano-finish speakers

These models (except the MCR-N470) have a beautiful piano-finish speakers. The MCR-N870 and MCR-N870D undergo a coating process identical to that used for the finest Yamaha grand pianos, which gives them a deep, glossy black colour. This lustrous finish will surely enhance the decor of your listening room.



> For details on the product, see page 48 and 58



MusicCast is high-resolution sound

Style and sound quality, true performance and passion for music.
Network audio and traditional Hi-Fi working together.

R-N402

Network Receiver



Silver



Black

R-N602

Network Receiver



Silver



Black



The latest high resolution sound formats

The R-N402 and R-N602 support DSD 5.6MHz, AIFF and numerous other of the latest hi-res formats. You'll enjoy the richly dynamic sound that only hi-res sources can provide, in a concert hall-like sound space.



AIFF / WAV / FLAC	192 kHz/24 bit
Apple Lossless	96 kHz/24 bit
DSD	5.6 MHz



High performance 24-bit D/A converter

To ensure high quality network audio, Yamaha uses BurrBrown 192kHz/24-bit DACs in these receivers, which are firmly established with a reputation for quality. The internal design utilises simple, direct signal transmission, providing high separation and elimination of noise and distortion which results in pure sound reproduction.



Pure Direct Mode for greater sound purity (R-N602 only)

Engaging the Pure Direct switch causes the audio signal to bypass the control circuits for bass and treble, balance and the back buffer amp. This improves sound quality while maintaining full output capacity. Shortening the signal route improves sound purity for reproducing delicate musical nuances.



Streaming Service Support



Digital audio inputs

The R-N402 and R-N602 have digital inputs (optical and coaxial), ready to be used with your modern sources. Traditionally, the optical connection would be used with your TV and coaxial might be used with a Blu-ray player. The digital audio is then enhanced using the high end DAC inside the Yamaha receiver for a more dynamic and musical sound.



> For details on the product, see page 45 and 57

MusicCast
a new world of wireless freedom

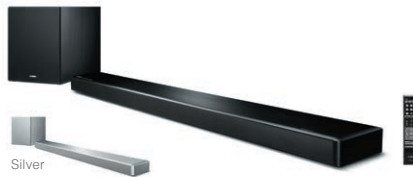


MusicCast unleashes

Premium surround sound and refined looks.
This high-grade soundbar takes you to a new level

YSP-2700

Digital Sound Projector



YSP-1600

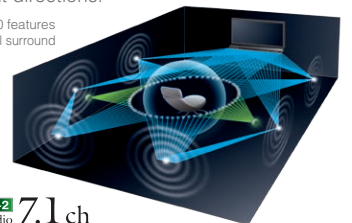
Digital Sound Projector



Sensational 7.1-channel* surround sound

Yamaha Digital Sound Projectors achieve actual (not virtual) surround sound by using 16 (YSP-1600: eight) high sound quality array speakers to produce beams of sound and then employing advanced processing to control their direction. The beams reflect off the walls, reaching the listening position from different directions.

* YSP-1600 features 5.1-channel surround sound



5 Beam + 2 for HD Audio 7.1 ch



true surround sound

of AV entertainment.

IntelliBeam™ automatically calibrates for you (YSP-2700 only)

The room's acoustic properties such as size, shape and wall material are measured by a specialised microphone. Based on this data, all parameters are automatically optimised depending on the listening position. With this technology you can enjoy an ideal, professionally calibrated listening environment.



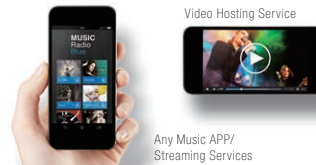
Listen to everything, everywhere

MusicCast uses a high performance wireless network to send music and audio all over your home. It can stream digital music content from your smartphone, PC or NAS to other MusicCast devices in your home. It can also share the music from external devices such as a TV or BD player connected to the YSP-2700 or YSP-1600.



Content from streaming service and music apps

MusicCast supports the popular Spotify streaming service, letting you access music from all over the world. *Bluetooth* compatibility enables you to listen to anything already on your smartphone.



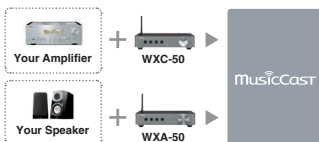
> For details on the product, see page 33 and 56

MusicCast
a new world of wireless freedom



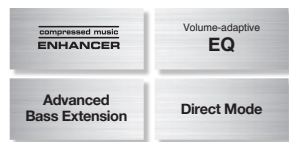
Use equipment you already own with MusicCast

Using the WXC-50 wireless pre-amplifier you can enjoy all the features and functions of MusicCast with a system already in your home. If you have speakers that you love, simply use the WXA-50 wireless amplifier to listen to the all the music you could want.



The best sound, all the time

Yamaha offers second-to-none sound & build quality in the WXC-50 and WXA-50. Improving the experience from all your audio and music. Listen to everything in high quality regardless of the listening environment, original quality or what kind of speakers you use.



Smaller, but smarter

These components feature audio technology that's unique to Yamaha, always in pursuit of sonic purity and a quality build. Inside the units are high-grade components, the latest in digital processing technology and the latest ESS9006AS SABRE DAC™ — it's ready to go when you are.



Quality with style

The simple and stylish design harmonises beautifully in combination with other audio components. With its compact size it fits in any convenient location, on its own or with other audio components.



> For details on the product, see page 49 and 58

MusicCast liberates your music

Use your existing audio equipment with MusicCast.
Simple to connect and control, experience an infinitely expanding musical world.



WXC-50

Wireless Streaming Pre-Amplifier

WXA-50

Wireless Streaming Amplifier



WXC-50



WXA-50

musicCast X disklavier **ENSPiRE**

Play and stream true piano sound. And turn your entire home into a concert hall.



Piano sound & Backing music

Disklavier is not only a genuine acoustic piano but also an entertainment piano that can play automatically. Moreover, by adding MusicCast devices you can get accompaniment playback with high sound quality and stream music from Disklavier to other rooms. Perform on and play a real piano, and stream your music. Yamaha truly turns your home into a concert hall.



Scan code for more information

Maximise the MusicCast Versatility and



A media centre for all music sources and a commander of all your audio, for maximum MusicCast enjoyment

Connect everything and share

Yamaha latest AVENTAGE and RX-V 81* models bring a huge range of connections and possibilities, such as including a turntable and streaming service in your MusicCast world. Adding one of these models to your system provides extensive connectivity, letting you share music all over your home with a few taps on a smart device. This is the best way to enjoy MusicCast. Anytime, anywhere, you can freely enjoy your music. *RX-V681 above



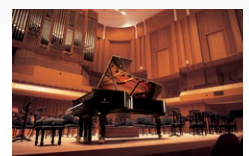
Control audio around your home

If your AV receiver has extra zones, they can be added to MusicCast and controlled just like your main AV receiver! Expand around your home as you like, without having to compromise on how to do it.



High-resolution audio support

Stream high-resolution audio files across your network with the RX-V81 series. There's support for DSD, WAV, FLAC, AIFF and ALAC so you can enjoy high quality music with your high quality AV Receiver.



* All MusicCast products support WAV/AIFF/FLAC 192kHz, 24bit and Apple Lossless 96kHz. Certain models also support DSD 5.6MHz.

Enjoyment of Superb Surround Sound



MUSICCAST

Home Theatre Components

Front Surround Systems

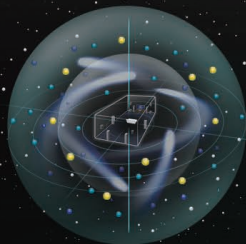
Desktop Audio Systems

H-Fi Components

Yamaha's advanced, exclusive AV technology raises movie and music entertainment to the highest level.

Supports Dolby Atmos® and DTS:X®

All of Yamaha's seven and nine channel AV receivers and the CX-A5100 support the state-of-the-art Dolby Atmos and DTS:X 3D surround sound formats. Enjoy the latest movies with a realistic feeling of surround and sense of motion right in your home. In addition, the RX-A3060 and CX-A5100 are compatible with Dolby Atmos and DTS:X when using CINEMA DSP HD³. You'll hear surround sound with greater presence, having no feeling of boundaries.



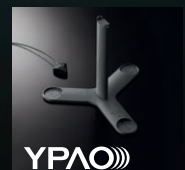
Introducing a new CINEMA DSP programme

CINEMA DSP delivers amazingly realistic sound from movies and music, for a feeling like you are actually in the scene or venue. And now the RX-A3060 introduces a new programme called Enhanced designed for 3D object-based audio sources. You'll hear movie sound with dynamic movement and full spatial expression.



Professional grade automatic acoustic calibration

YPAO™ technology analyses your system and room acoustics then precisely adjusts various audio parameters to create the best sound for you.



AVENTAGE Series Comparison



	RX-A3060	RX-A2060
Power Amplifier	9.2 ch 150 W per Channel (8 ohms, 20 Hz-20 kHz, 0.06% THD, 2-ch driven) 230 W per Channel (8 ohms, 1 kHz, 10% THD, 1-ch driven)	9.2 ch 140 W per Channel (8 ohms, 20 Hz-20 kHz, 0.06% THD, 2-ch driven) 220 W per Channel (8 ohms, 1 kHz, 10% THD, 1-ch driven)
HDMI Functions	HDMI® 8 in 2 out (HDMI Front input assignable for zone) HDCP2.2 (7 in / 2 out) 4K Ultra HD Pass-Through and upscaling (Pass-Through and Upscaling) BT.2020 / HDR (High Dynamic Range) / 4K Signal (4K / 60p 4:4:4)	HDMI® 8 in 2 out (HDMI Front input assignable for zone) HDCP2.2 (7 in / 2 out) 4K Ultra HD Pass-Through and upscaling (Pass-Through and Upscaling) BT.2020 / HDR (High Dynamic Range) / 4K Signal (4K / 60p 4:4:4)
Audio Features	Anti Resonance Construction Double bottom / H-shaped cross member frame / Rigid bottom frame DAC ESS SABRE32 Ultra DAC ES9016S x 1, SABRE9006AS x 1 High-resolution Music Enhancer	Anti Resonance Construction H-shaped cross member frame / Rigid bottom frame DAC ESS SABRE9006AS x 2 High-resolution Music Enhancer
Network Functions	Wi-Fi Network Built-in WiFi CERTIFIED Wireless Direct Bluetooth App (AV CONTROLLER / AV SETUP GUIDE) AirPlay® / Internet Radio Streaming Service Spotify* Hi-Res Audio Format FLAC / WAV / AIFF / Apple Lossless / DSD direct playback	Wi-Fi Network Built-in WiFi CERTIFIED Wireless Direct Bluetooth App (AV CONTROLLER / AV SETUP GUIDE) AirPlay® / Internet Radio Streaming Service Spotify* Hi-Res Audio Format FLAC / WAV / AIFF / Apple Lossless / DSD direct playback
Sound field functions	CINEMA DSP CINEMA DSP HD³ (24 DSP Programmes) YPAO Auto Setup (3D, 64-bit precision EQ calculation / Speaker angle / R.S.C. with Multi-point measurement) YPAO Volume Virtual Presence / Surround Back Speaker	CINEMA DSP CINEMA DSP 3D (23 DSP Programmes) YPAO Auto Setup (3D / Speaker angle / R.S.C. with Multi-point measurement) YPAO Volume Virtual Presence / Surround Back Speaker
Ease of use	USB Digital Connection Phono Multi-Language on-screen display Advanced GUI HD Display (English / German / French / Spanish / Russian / Italian / Japanese / Chinese) SCENE (SCENE PLUS) Yamaha Original Video Processing (Adjustable) Zone control (Zone 2/3/4) HDMI Zone Switching (Advanced)	USB Digital Connection Phono Multi-Language on-screen display Advanced GUI HD Display (English / German / French / Spanish / Russian / Italian / Japanese / Chinese) SCENE (SCENE PLUS) Yamaha Original Video Processing (Adjustable) Zone control (Zone 2/3/4) HDMI Zone Switching (Advanced)
Step-up Features and General Information All functions on lower models are also on higher models.		
Compatible with all models Made for iPod iPhone iPad		<ul style="list-style-type: none"> • New CINEMA DSP Programme: Enhanced • Dolby Atmos and DTS:X playback with CINEMA DSP HD³ • 11.2-channel expandability • Gold plated speaker terminals • Extra-large block capacitors • Standby Power Consumption: 0.1 W (HDMI Control, Standby Through, Network Standby Off), 2.1 W (Network Standby On [Wireless]) • Dimensions (W x H x D): 435 x 192 x 474 mm (with antenna up) • Weight: 18.1 kg

24 DSP Surround Programmes

Movie

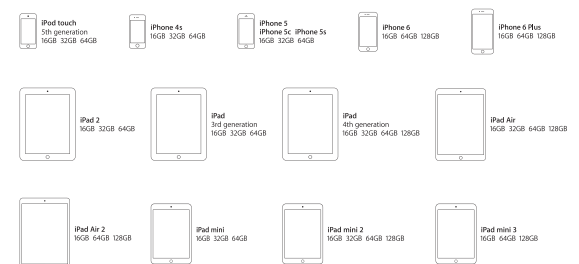
Standard	Sports
Spectacle	Recital/Opera*
Sci-Fi	Action Game
Adventure	Roleplaying Game
Drama	Music Video
Mono Movie	Enhanced**

Music

Hall in Munich	Village Vanguard*
Hall in Vienna	The Bottom Line
Hall in Amsterdam*	Cellar Club
Chamber	The Roxy Theatre
Church in Freiburg*	Warehouse Loft*
Church in Royaumont*	9ch Stereo***

* RX-A3060 / A2060 / A1060 only. RX-A860 / A760 / A660, RX-AS710, RX-S601 / S601D and RX-Vx81 series have 17 programmes.
** RX-A3060 only. *** RX-A1060 / A860 / A760 / A660, RX-V681 / V581: 7ch Stereo. RX-V481 / V381 / S601 / S601D: 5ch Stereo.

iPod® / iPhone® / iPad® Compatibility





RX-A1060	RX-A860	RX-A760	RX-A660
7.2 ch 110 W per Channel (8 ohms, 20 Hz-20 kHz, 0.06% THD, 2-ch driven) 165 W per Channel (8 ohms, 1 kHz, 10% THD, 1-ch driven)	7.2 ch 100 W per Channel (8 ohms, 20 Hz-20 kHz, 0.06% THD, 2-ch driven) 160 W per Channel (8 ohms, 1 kHz, 10% THD, 1-ch driven)	7.2 ch 90 W per Channel (8 ohms, 20 Hz-20 kHz, 0.06% THD, 2-ch driven) 150 W per Channel (8 ohms, 1 kHz, 10% THD, 1-ch driven)	7.2 ch 80 W per Channel (6 ohms, 20 Hz-20 kHz, 0.09% THD, 2-ch driven) 135 W per Channel (6 ohms, 1 kHz, 10% THD, 1-ch driven)
8 in 2 out (HDMI Front input) (assignable for zone)	8 in 2 out (HDMI Front input) (Zone B output)	6 in 1 out (HDMI Front input)	4 in 1 out (HDMI Front input)
● (7 in / 2 out)	● (3 in / 2 out)	● (3 in / 1 out)	● (4 in / 1 out)
★ (Pass-Through and Upscaling)	★ (Pass-Through and Upscaling)	★ (Pass-Through and Upscaling)	● (Pass-Through)
● / ● / ● (4K / 60p 4:4:4)	● / ● / ● (4K / 60p 4:4:4)	● / ● / ● (4K / 60p 4:4:4)	● / ● / ● (4K / 60p 4:4:4)
H-shaped cross member frame / Rigid bottom frame	—	—	—
ESS SABRE9006AS x 1	Burr-Brown PCM5101	Burr-Brown PCM5101	Burr-Brown PCM5101
●	—	—	—
Wi-Fi CERTIFIED WPA3 SECURE SETUP	Wi-Fi CERTIFIED WPA3 SECURE SETUP	Wi-Fi CERTIFIED WPA3 SECURE SETUP	Wi-Fi CERTIFIED WPA3 SECURE SETUP
●	●	●	●
Bluetooth	Bluetooth	Bluetooth	Bluetooth
● / ●	● / ●	● / ●	● / ●
● / ●	● / ●	● / ●	● / ●
Spotify *	Spotify *	Spotify *	Spotify *
FLAC / WAV / AIFF / Apple Lossless / DSD direct playback	FLAC / WAV / AIFF / Apple Lossless / DSD	FLAC / WAV / AIFF / Apple Lossless / DSD	FLAC / WAV / AIFF / Apple Lossless / DSD
CINEMA DSP 3D (23 DSP Programmes)	CINEMA DSP 3D (17 DSP Programmes)	CINEMA DSP 3D (17 DSP Programmes)	CINEMA DSP 3D (17 DSP Programmes)
● (R.S.C. with Multi-point measurement)	● (R.S.C. with Multi-point measurement)	● (R.S.C.)	●
●	●	●	—
● / ●	● / ●	● / ●	● / ●
● (USB Memory)	● (USB Memory)	● (USB Memory)	● (USB Memory)
Advanced GUI HD Display (English / German / French / Spanish / Russian / Italian / Japanese / Chinese) ● (SCENE PLUS)	Advanced GUI HD Display (English / German / French / Spanish / Russian / Italian / Japanese / Chinese)	Advanced GUI HD Display (English / German / French / Spanish / Russian / Italian / Japanese / Chinese)	Colour OSD (English / German / French / Spanish / Russian / Italian / Japanese / Chinese)
●	●	●	●
● (Zone 2)	● (Zone 2)	● (Zone 2)	● (Speaker Zone B)
● (Advanced)	—	—	—
<ul style="list-style-type: none"> Zone Extra Bass for more powerful bass sound in another room Zone Volume Equaliser for optimum sound balance in another room Advanced HDMI Zone Switching allows flexible AV switching to multiple zones High speed thermal feedback power amplifier and Ultra Low Jitter PLL circuitry System Backup and Recovery function Standby Power Consumption: 0.1 W (HDMI Control, Standby Through, Network Standby Off), 2.1 W (Network Standby On [Wireless]) Dimensions (W x H x D): 435 x 182 x 439 mm, 435 x 247 x 439 mm (with antenna up) Weight: 14.9 kg 	<ul style="list-style-type: none"> Dolby Atmos support Party mode Phono input for vinyl playback 7.2-channel Preout terminals Standby Power Consumption: 0.1 W (HDMI Control, Standby Through, Network Standby Off), 2.4 W (Network Standby On [Wireless]) Dimensions (W x H x D): 435 x 171 x 382 mm, 435 x 234 x 382 mm (with antenna up) Weight: 10.5 kg 	<ul style="list-style-type: none"> Intelligent power amplifier assignability Versatile Zone2 Control Phono input for vinyl playback Pure Direct and Low Jitter PLL circuitry YPAO R.S.C. (Reflected Sound Control) High quality video processing Analogue to HDMI upconversion Standby Power Consumption: 0.1 W (HDMI Control, Standby Through, Network Standby Off), 2.4 W (Network Standby On [Wireless]) Dimensions (W x H x D): 435 x 171 x 380 mm, 435 x 234 x 380 mm (with antenna up) Weight: 10.5 kg 	<ul style="list-style-type: none"> Anti Resonance Technology (A.R.T.) Wedge Easy Wi-Fi Setup with iOS Share, WPS, PIN Cinema DSP 3D for immersive surround sound realism Virtual Surround Back Speaker for playing 7.1-channel content with a 5.1-channel system Two subwoofer outputs (simultaneous outputs) Component video input / output Standby Power Consumption: 0.1 W (HDMI Control, Standby Through, Network Standby Off), 2.4 W (Network Standby On [Wireless]) Dimensions (W x H x D): 435 x 161 x 330 mm, 435 x 225.5 x 330 mm (with antenna up) Weight: 8.3 kg

* Streaming service availability depends on regions.

AVENTAGE Blu-ray Disc™ Player

BD-A1060

Universal Wi-Fi Blu-ray Disc Player



Miracast™



- Heavy and stable construction
- High purity power supply
- XLR terminals and balanced transmission
- CD Mode and Pure Direct Mode for greater sound purity
- HDMI terminals with 4K upscaling
- Miracast™ compatibility and Built-in Wi-Fi

- Blu-ray 3D™ Disc playback capability
- 192kHz/32-bit audio DAC
- High resolution audio 192kHz/24-bit FLAC, ALAC file playback compatibility
- Setup Wizard makes setup easy
- Dimensions (W x H x D): 435 x 86 x 262 mm
- Weight: 3.8 kg



RX-V81 Series Comparison



	RX-V781	RX-V681
Power Amplifier	7.2 ch 95 W per Channel (8 ohms, 20 Hz-20 kHz, 0.06% THD, 2-ch driven) 160 W per Channel (8 ohms, 1 kHz, 10% THD, 1-ch driven)	7.2 ch 90 W per Channel (8 ohms, 20 Hz-20 kHz, 0.06% THD, 2-ch driven) 150 W per Channel (8 ohms, 1 kHz, 10% THD, 1-ch driven)
HDMI Functions	HDMI	6 in 2 out (HDMI® Front input / Zone B output)
	HDCP2.2	● (3 in / 2 out)
	4K Ultra HD Pass-Through and upscaling	★ (Pass-Through and upscaling)
	BT.2020 / HDR (High Dynamic Range) / 4K Signal	● / ● / ● (4K / 60p 4:4:4)
	HDMI CEC, ARC	●
Network Functions	Wi-Fi Network Built-in	
	Wireless Direct	●
	Bluetooth	
	App (AV CONTROLLER / AV SETUP GUIDE)	● / ●
	AirPlay / Internet Radio	● / ●
	Streaming Service	*
	Hi-Res Audio Format	● FLAC / WAV / AIFF / Apple® Lossless / DSD
Sound field functions	CINEMA DSP	● (3D, 17 DSP Programmes)
	HD Audio format decoding	●
	YPAO Auto Setup	● (R.S.C. with Multi-point measurement)
	YPAO Volume	●
	Dialogue Lift / Dialogue Level Adjustment	● / ●
	Virtual Presence / Surround Back Speaker	● / ●
	Virtual CINEMA FRONT	● (Virtual 7.1ch)
	Extra Bass	●
Ease of use	USB Digital Connection	● (USB Memory)
	Phono	●
	Multi-Language on-screen display	● (English / German / French / Spanish / Russian / Italian / Japanese / Chinese)
	Zone control	● (Zone 2)
	Step-up Features and General Information All functions on lower models are also on higher models.	<ul style="list-style-type: none"> Aluminium front panel HDMI Zone B for audio / video streaming to another room (same content as main room) Party mode 7.2-channel Preout terminals for connecting an external power amplifier Standby Power Consumption: 0.1 W (HDMI Control, Standby Through, Network Standby Off), 2.4 W (Network Standby On [Wireless]) Dimensions (W x H x D): 435 x 171 x 379 mm, 435 x 234 x 379 mm (with antenna up) Weight: 10.6 kg
	<ul style="list-style-type: none"> Intelligent power amplifier assignability Versatile Zone2 Control Phono input for vinyl playback Pure Direct and Low Jitter PLL circuitry YPAO R.S.C (Reflected Sound Control) High quality video processing Analogue to HDMI upconversion Standby Power Consumption: 0.1 W (HDMI Control, Standby Through, Network Standby Off), 2.4 W (Network Standby On [Wireless]) Dimensions (W x H x D): 435 x 171 x 378 mm, 435 x 234 x 378 mm (with antenna up) Weight: 10 kg 	

Compatible with RX-V781, V681, V581 and V481



Made for
iPod iPhone iPad



Blu-ray Disc Players

BD-S681

Wi-Fi Blu-ray Disc Player



Miracast™

- CD Mode and Pure Direct Mode for greater sound purity
- Miracast compatibility
- Built-in Wi-Fi and Wi-Fi Direct®
- Blu-ray 3D Disc and SACD playback capability
- 4K Upscaling for enjoying high resolution sources
- 192kHz/32-bit audio DAC

- 192kHz / 24-bit FLAC, ALAC and DSD 5.6MHz file playback compatibility
- iPhone/iPad, Android™ phone / tablet compatible app
- Dimensions (W x H x D): 435 x 86 x 257 mm
- Weight: 2.7 kg



AV Controller APP





RX-V581	RX-V481	RX-V381
7.2 ch 80 W per Channel (6 ohms, 20 Hz-20 kHz, 0.09% THD, 2-ch driven) 135 W per Channel (6 ohms, 1 kHz, 10% THD, 1-ch driven)	5.1 ch 80 W per Channel (6 ohms, 20 Hz-20 kHz, 0.09% THD, 2-ch driven) 135 W per Channel (6 ohms, 1 kHz, 10% THD, 1-ch driven)	5.1 ch 70 W per Channel (6 ohms, 20 Hz-20 kHz, 0.09% THD, 2-ch driven) 135 W per Channel (6 ohms, 1 kHz, 10% THD, 1-ch driven)
4 in 1 out <input type="radio"/> (4 in / 1 out) <input type="radio"/> (Pass-Through) <input checked="" type="radio"/> / <input checked="" type="radio"/> / <input checked="" type="radio"/> (4K / 60p 4:4:4) <input type="radio"/>	4 in 1 out <input type="radio"/> (4 in / 1 out) <input type="radio"/> (Pass-Through) <input checked="" type="radio"/> / <input checked="" type="radio"/> / <input checked="" type="radio"/> (4K / 60p 4:4:4) <input type="radio"/>	4 in 1 out <input type="radio"/> (4 in / 1 out) <input type="radio"/> (Pass-Through) <input checked="" type="radio"/> / <input checked="" type="radio"/> / <input checked="" type="radio"/> (4K / 60p 4:4:4) <input type="radio"/>
		—
		—
<input type="radio"/> FLAC / WAV / AIFF / Apple® Lossless / DSD	<input type="radio"/> FLAC / WAV / AIFF / Apple® Lossless / DSD	—
<input checked="" type="radio"/> (3D, 17 DSP Programmes)	<input checked="" type="radio"/> (3D, 17 DSP Programmes)	<input type="radio"/> (17 DSP Programmes)
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/> / <input type="radio"/>	<input type="radio"/> / <input type="radio"/>	<input type="radio"/> / <input type="radio"/>
<input type="radio"/> (Virtual 5.1ch)	<input type="radio"/> (Virtual 5.1ch)	<input type="radio"/> (Virtual 5.1ch)
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/> (USB Memory)	<input checked="" type="radio"/> (USB Memory)	<input checked="" type="radio"/> (USB Memory)
<input type="radio"/> (English / German / French / Spanish / Russian / Italian / Japanese / Chinese)	<input type="radio"/> (English / German / French / Spanish / Russian / Italian / Japanese / Chinese)	<input type="radio"/> (English / German / French / Spanish / Russian / Italian / Japanese / Chinese)
<input type="radio"/> (Speaker Zone B)	<input type="radio"/> (Speaker Zone B)	—
<ul style="list-style-type: none"> • Easy Wi-Fi Setup with iOS Share, WPS, PIN • CINEMA DSP 3D for immersive surround sound realism • Virtual Surround Back Speaker for playing 7.1-channel content with a 5.1-channel system • Two subwoofer outputs (simultaneous outputs) • Component video input / output • Standby Power Consumption: 0.1 W (HDMI Control, Standby Through, Network Standby Off), 2.4 W (Network Standby On [Wireless]) • Dimensions (W x H x D): 435 x 161 x 327 mm, 435 x 225.5 x 327 mm (with antenna up) • Weight: 8.1 kg 	<ul style="list-style-type: none"> • FLAC / WAV / AIFF 192kHz / 24-bit, Apple Lossless 96kHz / 24-bit, DSD 2.8MHz / 5.6MHz audio playback • Gapless playback (PC / USB) • CINEMA DSP 3D with Virtual Presence Speaker • Speaker Zone B provides 2-channel sound in a second room • Bi-Amp Connection • HDMI Standby Through mode • Low Jitter PLL circuitry and Direct Mode • Standby Power Consumption: 0.1 W (HDMI Control, Standby Through, Network Standby Off), 1.9 W (Network Standby On [Wireless]) • Dimensions (W x H x D): 435 x 161 x 327 mm, 435 x 225.5 x 327 mm (with antenna up) • Weight: 8.1 kg 	<ul style="list-style-type: none"> • Virtual CINEMA FRONT provides virtual surround sound with 5 speakers in front • Extra bass enriches sound with powerful bass even on small speakers • DSP Effect Normalisation optimises CINEMA DSP effect • Compressed Music Enhancer for Bluetooth • Burr-Brown 192 kHz / 24-bit DACs for all channels • SCENE buttons - quick and simple to use • ECO mode and Low standby power consumption • Standby Power Consumption: 0.3 W (HDMI Control Off), 0.9 W (HDMI Control on) • Dimensions (W x H x D): 435 x 151 x 315 mm • Weight: 7.4 kg

* Streaming service availability depends on regions.

BD-S477

Wi-Fi Blu-ray Disc Player



Miracast™

- Miracast compatibility
- Built-in Wi-Fi allows easy connection
- HD Audio format bitstream out
- iPhone/iPad, Android phone/tablet compatible app
- 1080p/24Hz-compatible HDMI video output

- High resolution audio 192kHz/24bit
- FLAC, ALAC file playback compatibility
- Setup Wizard makes setup easy
- Dimensions (W x H x D): 435 x 51 x 197 mm
- Weight: 1.8 kg



RX-A3060

9-channel 150 W per Channel (8 ohms, 20 Hz-20 kHz, 0.06% THD, 2-ch driven)
230 W per Channel (8 ohms, 1 kHz, 10% THD, 1-ch driven)



Inputs	
HDMI**1 (Audio Input Assignable**2, HDMI1-7 HDCP2.2 compatible)	8
Network (Ethernet / Wi-Fi)	1 / 1
USB**1	1
Radio Antenna (FM/AM)	1 / 1
Optical Digital	3
Coaxial Digital	3
Analogue Audio**1 (with Phono)	9
Component Video (Audio Input Assignable)	3
Composite Video**1	5

- *1 Including front panel terminals.
- *2 Front HDMI input is not assignable.
- *3 Assignable for rear presence L/R to front presence L/R or Zone 2 or Zone 3.
- *4 Banana-plug compatible speaker terminals are available in some areas.

Outputs	
HDMI (HDCP2.2 compatible)	2 (Zone assignable)
Component Video Monitor	1
Composite Monitor	1
Pre Out	11.2ch
Speaker**4	9 ch / 11 ter
Subwoofer	2 (stereo, front/rear, Mono x 2)
Headphone Jack**1	1
Others	
Zone 2 Audio Out with Volume and Tone Controls	1
Zone 3 Audio Out with Volume and Tone Controls	1
Remote In/Out	1 / 1
+12V / Total 0.1A Trigger Out	2
RS-232C	1
Terminal for Detachable Power Cable	1

RX-A2060

9-channel 140 W per Channel (8 ohms, 20 Hz-20 kHz, 0.06% THD, 2-ch driven)
220 W per Channel (8 ohms, 1 kHz, 10% THD, 1-ch driven)



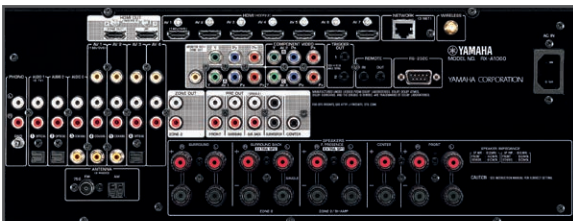
Inputs	
HDMI**1 (Audio Input Assignable**2, HDMI1-7 HDCP2.2 compatible)	8
Network (Ethernet / Wi-Fi)	1 / 1
USB**1	1
Radio Antenna (FM/AM)	1 / 1
Optical Digital	3
Coaxial Digital	3
Analogue Audio**1 (with Phono)	9
Component Video (Audio Input Assignable)	3
Composite Video**1	5

- *1 Including front panel terminals.
- *2 Front HDMI input is not assignable.
- *3 Assignable for rear presence L/R to front presence L/R or Zone 2 or Zone 3.
- *4 Banana-plug compatible speaker terminals are available in some areas.

Outputs	
HDMI (HDCP2.2 compatible)	2 (Zone assignable)
Component Video Monitor	1
Composite Monitor	1
Pre Out	7.2ch
Speaker**4	9 ch / 11 ter
Subwoofer	2 (stereo, front/rear, Mono x 2)
Headphone Jack**1	1
Others	
Zone 2 Audio Out with Volume and Tone Controls	1
Zone 3 Audio Out with Volume and Tone Controls	1
Remote In/Out	1 / 1
+12V / Total 0.1A Trigger Out	2
RS-232C	1
Terminal for Detachable Power Cable	1

RX-A1060

7-channel 110 W per Channel (8 ohms, 20 Hz-20 kHz, 0.06% THD, 2-ch driven)
165 W per Channel (8 ohms, 1 kHz, 10% THD, 1-ch driven)



Inputs	
HDMI**1 (Audio Input Assignable**2, HDMI1-7 HDCP2.2 compatible)	8
Network (Ethernet / Wi-Fi)	1 / 1
USB**1	1
Radio Antenna (FM/AM)	1 / 1
Optical Digital	3
Coaxial Digital	3
Analogue Audio**1 (with Phono)	9
Component Video (Audio Input Assignable)	3
Composite Video**1	5

- *1 Including front panel terminals.
- *2 Front HDMI input is not assignable.
- *3 Assignable for surround back L/R to Zone 2.
- *4 Banana-plug compatible speaker terminals are available in some areas.

Outputs	
HDMI (HDCP2.2 compatible)	2 (Zone assignable)
Component Video Monitor	1
Composite Monitor	1
Pre Out	7.2ch
Speaker**4	7 ch / 9 ter
Subwoofer	2 x mono
Headphone Jack**1	1
Others	
Zone 2 Audio Out with Volume and Tone Controls	1
Remote In/Out	1 / 1
+12V / Total 0.1A Trigger Out	2
RS-232C	1
Terminal for Detachable Power Cable	1

RX-A860

7-channel 100 W per Channel (8 ohms, 20 Hz-20 kHz, 0.06% THD, 2-ch driven)
160 W per Channel (8 ohms, 1 kHz, 10% THD, 1-ch driven)



Inputs	
HDMI**1 (Audio Input Assignable**2, HDMI1,2,3 HDCP2.2 compatible)	8
Network (Ethernet / Wi-Fi)	1 / 1
USB**1	1
Radio Antenna (FM/AM)	1 / 1
Optical Digital	2
Coaxial Digital	2
Analogue Audio**1 (with Phono)	6
Component Video (Audio Input Assignable)	2
Composite Video**1	5

- *1 Including front panel terminals.
- *2 Front HDMI input is not assignable.
- *3 Assignable for surround back L/R to bi-amp (front L/R) or Zone 2.
- *4 Extra speaker terminals are assignable to Zone 2 or Presence.
- *5 Banana-plug compatible speaker terminals are available in some areas.

Outputs	
HDMI (HDCP2.2 compatible)	2 (simultaneous)
Component Video Monitor	1
Composite Monitor	1
Pre Out	7.2ch
Speaker**3 / **4 / **5	7 ch / 9 ter
Subwoofer	2 x mono
Headphone Jack**1	1
Others	
Zone 2 Audio Out	1
Remote In/Out	1 / 1
+12V / Total 0.1A Trigger Out	1
RS-232C	1
Terminal for Detachable Power Cable	1

RX-A760

7-channel 95 W per Channel (8 ohms, 20 Hz-20 kHz, 0.06% THD, 2-ch driven)
160 W per Channel (8 ohms, 1 kHz, 10% THD, 1-ch driven)



Inputs	
HDMI**1 (Audio Input Assignable**2, HDMI1,2,3 HDCP2.2 compatible)	6
Network (Ethernet / Wi-Fi)	1 / 1
USB**1	1
Radio Antenna (FM / AM)	1 / 1
Optical Digital	2
Coaxial Digital	2
Analogue Audio (with Phono)	5
Component Video (Audio Input Assignable)	2
Composite Video	4

- *1 Including front panel terminals.
- *2 Front HDMI input is not assignable.
- *3 Assignable for surround back L/R to bi-amp (front L/R) or Zone 2.
- *4 Extra speaker terminals are assignable to Zone 2 or Presence.
- *5 Banana-plug compatible speaker terminals are available in some areas.

Outputs	
HDMI (HDCP2.2 compatible)	2 (simultaneous)
MONITOR OUT (Component)	1
MONITOR OUT (Composite)	1
Pre Out	7.2ch
Speaker (without subwoofer)**3 / **4 / **5	7ch (9 terminals)
Subwoofer	2 x mono
Headphone Jack**1	1
Others	
Zone 2 Audio Out	1
Remote In / Out	1 / 1
+12V/0.1A Trigger Out	1

RX-A660

7-channel 80 W per Channel (6 ohms, 20 Hz-20 kHz, 0.09% THD, 2-ch driven)
135 W per Channel (6 ohms, 1 kHz, 10% THD, 1-ch driven)



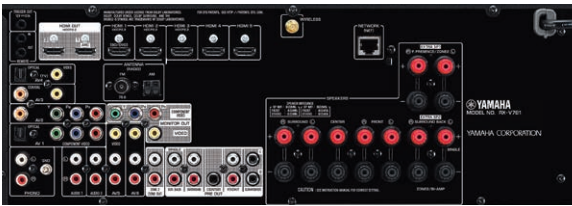
Inputs	
HDMI (Audio Input Assignable, HDCP2.2 compatible)	4
Network (Ethernet / Wi-Fi)	1 / 1
USB*	1
Radio Antenna (FM / AM)	1 / 1
Optical Digital	1
Coaxial Digital	2
Analogue Audio* ¹ (incl. Mini Jack Input)	4
Composite Video (Audio Input Assignable)	4

*1 Including front panel terminals.
*2 Assignable for surround back L/R to Presence (L/R) or bi-amp(front L/R) or ZONE B.
*3 Banana-plug compatible speaker terminals are available in some areas.

Outputs	
HDMI (HDCP2.2 compatible)	1
MONITOR OUT (Composite)	1
Speaker (without subwoofer) ² / *3	7ch
Subwoofer	2
Headphone Jack* ¹	1

RX-V781

7-channel 95 W per Channel (8 ohms, 20 Hz-20 kHz, 0.06% THD, 2-ch driven)
160 W per Channel (8 ohms, 1 kHz, 10% THD, 1-ch driven)



Inputs	
HDMI* ¹ (Audio Input Assignable* ² , HDMI 1.2, 3D, HDCP2.2 compatible)	6
Network (Ethernet / Wi-Fi)	1 / 1
USB* ¹	1
Radio Antenna (FM / AM)	1 / 1
Optical Digital	2
Coaxial Digital	2
Analogue Audio (with Phono)	5
Component Video (Audio Input Assignable)	2
Composite Video	4

*1 Including front panel terminals.
*2 Front HDMI input is not assignable.
*3 Assignable for surround back L/R to bi-amp (front L/R) or Zone 2.
*4 Extra speaker terminals are assignable to Zone 2 or Presence.
*5 Banana-plug compatible speaker terminals are available in some areas.

Outputs	
HDMI (HDCP2.2 compatible)	2 (simultaneous)
MONITOR OUT (Component)	1
MONITOR OUT (Composite)	1
Pre Out	7.2ch
Speaker (without subwoofer) ³ / *4 / *5	7ch (9 terminals)
Subwoofer	2 x mono
Headphone Jack* ¹	1
Others	
Zone 2 Audio Out	1
Remote In / Out	1 / 1
+12V/0.1A Trigger Out	1

RX-V681

7-channel 90 W per Channel (8 ohms, 20 Hz-20 kHz, 0.06% THD, 2-ch driven)
150 W per Channel (8 ohms, 1 kHz, 10% THD, 1-ch driven)



Inputs	
HDMI* ¹ (Audio Input Assignable* ² , HDMI 1.2, 3D, HDCP2.2 compatible)	6
Network (Ethernet / Wi-Fi)	1 / 1
USB* ¹	1
Radio Antenna (FM / AM)	1 / 1
Optical Digital	2
Coaxial Digital	2
Analogue Audio (with Phono)	5
Component Video (Audio Input Assignable)	2
Composite Video* ¹	4

*1 Including front panel terminals.
*2 Front HDMI input is not assignable.
*3 Assignable for surround back L/R to bi-amp (front L/R) or Zone 2.
*4 Extra speaker terminals are assignable to Zone 2 or Presence.
*5 Banana-plug compatible speaker terminals are available in some areas.

Outputs	
HDMI (HDCP2.2 compatible)	1
MONITOR OUT (Component)	1
MONITOR OUT (Composite)	1
Speaker (without subwoofer) ³ / *4 / *5	7ch (9 terminals)
Subwoofer	2 x mono
Headphone Jack* ¹	1
Others	
Zone 2 Audio Out	1
Remote In / Out	1 / 1
+12V/0.1A Trigger Out	1

RX-V581

7-channel 80 W per Channel (6 ohms, 20 Hz-20 kHz, 0.09% THD, 2-ch driven)
135 W per Channel (6 ohms, 1 kHz, 10% THD, 1-ch driven)



Inputs	
HDMI (Audio Input Assignable, HDCP2.2 compatible)	4
Network (Ethernet / Wi-Fi)	1 / 1
USB* ¹	1
Radio Antenna (FM / AM)	1 / 1
Optical Digital	1
Coaxial Digital	2
Analogue Audio* ¹ (incl. Mini Jack Input)	4
Composite Video (Audio Input Assignable)	4

*1 Including front panel terminals.
*2 Assignable for surround back L/R to Presence (L/R) or bi-amp(front L/R) or ZONE B.
*3 Banana-plug compatible speaker terminals are available in some areas.

Outputs	
HDMI (HDCP2.2 compatible)	1
MONITOR OUT (Composite)	1
Speaker (without subwoofer) ² / *3	7ch
Subwoofer	2
Headphone Jack* ¹	1

RX-V481

5-channel 80 W per Channel (6 ohms, 20 Hz-20 kHz, 0.09% THD, 2-ch driven)
135 W per Channel (6 ohms, 1 kHz, 10% THD, 1-ch driven)



Inputs	
HDMI (Audio Input Assignable, HDCP2.2 compatible)	4
Network (Ethernet / Wi-Fi)	1 / 1
USB* ¹	1
Radio Antenna (AM / FM)	1 / 1
Optical Digital	1
Coaxial Digital	2
Analogue Audio* ¹ (incl. Mini Jack Input)	4
Composite Video (Audio Input Assignable)	4

*1 Including front panel terminals.
*2 Assignable to bi-amp(front L/R) or ZONE B.
*3 Banana-plug compatible speaker terminals are available in some areas.

Outputs	
HDMI (HDCP2.2 compatible)	1
MONITOR OUT (Composite)	1
Speaker* ² / *3	5ch
Subwoofer	1
Headphone Jack* ¹	1

RX-V381

5-channel 70 W per Channel (6 ohms, 20 Hz-20 kHz, 0.09% THD, 2-ch driven)
135 W per Channel (6 ohms, 1 kHz, 10% THD, 1-ch driven)



Inputs	
HDMI (Audio Input Assignable, HDCP2.2 compatible)	4
USB*	1
Radio Antenna (FM / AM)	1 / 1
Optical Digital	1
Coaxial Digital	2
Analogue Audio* ¹ (incl. Mini Jack Input)	3
Composite Video (Audio Input Assignable)	3

*1 Including front panel terminals.
*2 Banana-plug compatible speaker terminals are available in some areas.

Outputs	
HDMI (HDCP2.2 compatible)	1
MONITOR OUT (Composite)	1
Speaker* ²	5ch
Subwoofer	1
Headphone Jack* ¹	1



Absolute Quality

AVENTAGE

CX-A5100

11.2-channel AV Pre-amplifier



- AVENTAGE Concept 11.2-channel pre-amplifier
- CINEMA DSP HD³ with 33 DSP programmes
- Supporting the latest formats: Dolby Atmos and DTS:X
- DSD 2.8MHz/5.6MHz, FLAC/WAV/AIFF 192kHz/24-bit and Apple Lossless audio playback
- 4K60p Upscaling and Pass-Through
- HDR* Video added in HDMI 2.0a spec
- Yamaha Original High Quality Video Processing
- High-resolution Music Enhancer further heightens musicality
- Dimensions (W x H x D): 435 x 192 x 474 mm (with antenna up: 435 x 247 x 474 mm)
- Weight: 13.5 kg

* Firmware update is required to enable HDR, and Firmware update schedule is to be decided.



The CX-A5100 offered with black and titanium finish available in some areas.



New Technology for Enhanced Sense of Realism

The CX-A5100 features CINEMA DSP HD³ and supports the latest surround sound playback formats such as Dolby Atmos and DTS:X*. It creates a 3D space in which separate acoustic elements can move freely, giving a sensation of the motion that fully realises the filmmaker's intentions.



* DTS:X playback becomes possible with a firmware update.



HDCP2.2

4K Ultra HD Pass-Through

Zone4

CINEMA DSP HD³

VIRTUAL CINEMA

SILENT CINEMA

Compressed Music ENHANCER

SCENE YPAO

*Streaming service availability varies by region.



Top-grade AVENTAGE Series performance. 11-channels of amplification with clear, transparent output at all power levels.

MX-A5000

11-channel Power Amplifier



The MX-A5000 offered with black and titanium finish available in some areas.

The First Slim, compact AVENTAGE model

MusicCast



RX-AS710

AV Receiver



- 7-channel powerful surround sound
60 W per channel (8 ohms, 20 Hz-20 kHz, 0.07% THD, 2-ch driven)
100 W per channel (8 ohms, 1 kHz, 0.9% THD, 1-ch driven)
- Extra 5th foot with Anti-Resonance Technology (A.R.T. Wedge)
- Dimensions (W x H x D); Weight:
435 x 111 x 377 mm (with antenna up);
435 x 181 x 377 mm); 9.2 kg



Titanium finish available.



Slim and Compact – The New Network AV Style

MusicCast



RX-S601

AV Receiver



- 5-channel powerful surround sound
60 W per channel (6 ohms, 20 Hz-20 kHz, 0.09% THD, 2-ch driven)
125 W per channel (6 ohms, 1 kHz, 10% THD, 1-ch driven)
- DSD, FLAC/WAV/AIFF and Apple Lossless audio playback
- 4K Ultra HD Support with 4K60p, HDCP2.2
- Dimensions (W x H x D); Weight:
435 x 111 x 327 mm (with antenna up); 435 x 176 x 327 mm); 7.8 kg



* The RX-S601 is also available with White and titanium finish.



The DAB/DAB+ tuner model

RX-S601D

AV Receiver

Digital Audio Broadcasting

DAB+

digital broadcasting



Your first home theatre system, ready and waiting with great sound and the new Extra Bass function.



YHT-1810

5.1-Channel Home Theatre Package

- AV Receiver HTR-2067 (Black)
- 5.1-channel powerful sound
135 W per Channel (6 ohms, 1 kHz, 10% THD, 1-ch driven) +
135 W subwoofer (6 ohms, 50 kHz, 10% THD, 1-ch driven)
- Extra Bass enriches the powerful bass sound
- Virtual CINEMA FRONT provides virtual surround sound with 5 speakers in front
- HDMI (4 in/1 out) with 4K Ultra pass-through, 3D and Audio Return Channel support
- HD Audio compatibility (linear PCM via HDMI transmission)
- SCENE buttons for one touch operation
- CINEMA DSP (17 DSP programmes)
- Dimensions (W x H x D): 435 x 151 x 315 mm
- Weight: 7.4 kg

- 5.1-Channel Speaker Package (Black)
- Dimensions (W x H x D):
(Subwoofer) 262 x 264 x 287 mm
- Weight: (Subwoofer) 5.2 kg
- Front, Surround and Centre Speakers are same as NS-P20, See page 54



A high-value package with everything you need for powerful sound and dynamic bass.



YHT-2910

5.1-Channel Home Theatre Package

- AV Receiver HTR-3067 (Black)
- 5.1-channel powerful sound
135 W per Channel (6 ohms, 1 kHz, 10% THD, 1-ch driven)
- Discrete amp configuration
- Extra Bass enriches the powerful bass sound
- Virtual CINEMA FRONT provides virtual surround sound with 5 speakers in front
- HDMI (4 in/1 out) with 4K Ultra pass-through, 3D and Audio Return Channel support
- Front panel USB Digital Connection for iPod/iPhone and USB thumb drivers
- YPAO sound optimisation for automatic speaker setup

- CINEMA DSP (17 DSP programmes)
- Dimensions (W x H x D): 435 x 151 x 315 mm
- Weight: 7.4 kg

- 5.1-Channel Speaker Package NS-P20 (Black)
- See page 54



RX-AS710 / RX-S601 / RX-S601D / YHT-2910

Experience the Magic of Wall-reflecting Surround.

Over ten years of YSP history takes a new turn with a new beam speaker layout. The most advanced model in YSP history covers all the high-spec features you need.

46 speakers that realise the impact of evolution. Ceiling reflections result in 7.1.2-channels.

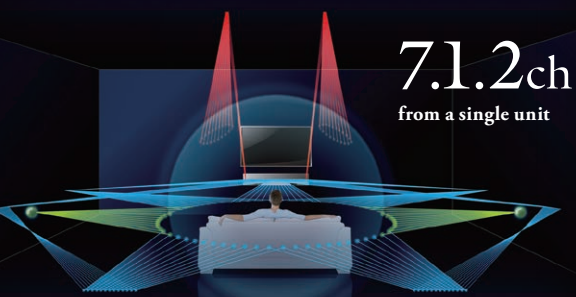
Highly directional sound beams are created through precision control of each of the 46 speakers. Some of these beams are reflected off the surrounding walls, and 12 speakers (6 on each end) are aimed up so the sound reflects off the ceiling. This achieves extremely realistic three-dimensional sound in all directions including the vertical, for sound presence like never before — only from Yamaha.

7.1.2ch
from a single unit

MusicCast



dts



YSP-5600 Digital Sound Projector

- Total 128 W (88 W + 40 W woofer) power
- Four listening modes: 3D Surround, Surround, Stereo and Target
- 10 programmes compatible with CINEMA DSP 3D: 3 Movie, 3 Music and 4 Entertainment
- HDMI input with 4K60p Pass through and HDCP2.2



Bluetooth

WiFi CERTIFIED

DLNA CERTIFIED

HDMI

HDCP2.2

4K Ultra HD

CINEMA DSP 3D

Spotify

Spotify

vTuner

IntelliBeam

x.v.Colour

Optional Accessories



SWK-W16 Wireless Subwoofer Kit
• Dimensions (W x H x D); Weight:
210 x 53.5 x 123.5 mm; 0.65 kg



SPM-K30 Wall Mount Bracket
• Dimensions (W x H x D); Weight:
630-730 x 112 x 19-23 mm; 1.6 kg

Premium Quality with
Overwhelmingly Real Surround Sound.

YSP-2700 Digital Sound Projector

5 Beam **2** 7.1 ch **Bluetooth** **WiFi**
for HD Audio CERTIFIED

- Includes 16 beam drivers and two woofers with digital amplifiers (107 W total power: 2 W x 16 + Dynamic 75 W subwoofer)
- 10 CINEMA DSP programmes
- IntelliBeam automatically sets the optimum sound field
- HDMI (3 in / 1 out) input with 4K60p Pass through and HDCP2.2
- Supports *Bluetooth* output
- Two digital and one analogue input terminals



MusicCast



Optional Accessories



SPM-K20
Wall Mount Bracket

- Dimensions (W x H x D): Weight: 500 x 54 x 125 mm ; 1.34 kg

Get Ready for Real Excitement from a Soundbar.

YSP-1600 Digital Sound Projector

5 Beam 5.1 ch **Bluetooth** **WiFi**
CERTIFIED

- Includes eight beam drivers and two woofers (80 W total power: 2.5 W x 8 beam drivers + 30 W x 2 subwoofers)
- Five CINEMA DSP programmes: Movie, Music, Sports, Game and TV programme
- Three input terminals: HDMI, digital and analogue
- Jack for an Extra Subwoofer
- Clear Voice makes dialogue and narrations easy to hear



MusicCast



All-In-One YSP.

YSP-1400 Digital Sound Projector

5 Beam 5.1 ch **Bluetooth**

- Includes 8 beam drivers and two subwoofers with digital amplifiers (76 W total power: 2 W x 8 + 30 W x 2)
- Four CINEMA DSP programmes: Movie, Music, Sports and Game
- Slim, low-profile, one-body design allows positioning in front of a TV
- Clear Voice makes dialogue and narrations easy to hear



YSP-5600 / YSP-2700 / YSP-1600



YSP-5600 / YSP-2700 / YSP-1600 / YSP-1400

Massive Sound for Versatile AV Enjoyment.

YAS-306

Front Surround System



- Total 120 W (30 W x 2 + 60 W built-in subwoofer) power
- AIR SURROUND XTREME provides powerful surround sound
- Built-in subwoofer x 2, Bass reflex port x 2 for deeper bass
- Compressed Music Enhancer with *Bluetooth*
- Two digital and one analogue input terminals
- Supports *Bluetooth* output
- Jack for an extra subwoofer



Connect a subwoofer

Subwoofer terminals are provided, so you can connect a subwoofer and enjoy more powerful bass with movies and music.



Wall mount setting



Silver finish available.

The Easy Way to Great Surround Sound.

YAS-106

Front Surround System



- Total 120 W (30 W x 2 + 60 W built-in subwoofer) power
- Virtual Surround technology delivers rich surround sound
- HDMI CEC and Audio Return Channel support
- Five Sound Mode (MUSIC, MOVIE, SPORT, GAME and TV programm)
- Compressed Music Enhancer with *Bluetooth*



Wall mount setting



Impressive Sound from Ultra Slim Form.

YAS-105

Front Surround System



- Total 120 W (30 W x 2 + 60 W built-in subwoofer) power
- AIR SURROUND XTREME delivers rich surround sound
- Compressed Music Enhancer with *Bluetooth*
- Advanced Bass Extension Processing
- Two digital and one analogue input terminals
- Jack for an extra subwoofer
- Slim body for a beautifully stylish installation



Wall mount setting



Silver finish available.

The Easy Way to Get Robust Surround Sound from Your TV.

YAS-203

Front Surround System



- AIR SURROUND XTREME delivers rich surround sound
- Total 200 W (50 W x 2 + 100 W subwoofer) power
- Wireless subwoofer with Advanced YST II for big bass
- Five surround modes (Movie, Music, Game, Sports, TV programme)
- Clear voice makes dialogue and narrations easy to hear



White finish available.

Brand New Entertainment Stage.

SRT-1500

TV Surround System

5Beam 5.1 ch



- Includes eight beam drivers and two woofers (140 W total power: 2.5 W x 8 beam drivers + 30W x 2 woofers + 60W subwoofer)
- Wide body (780 mm) suitable for large size TVs
- Five CINEMA DSP programmes: Movie, Music, Sports, Game and TV programme
- Three input terminals: HDMI, digital and analogue
- Jack for an Extra Subwoofer



Silver finish available.

MusicCast



All the Excitement Delivered from Right Under Your TV.

SRT-700

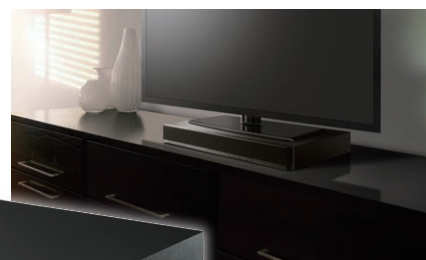
TV Surround System



- Total 120 W (30 W x 2 + 60 W subwoofer) power
- Offering genuine surround sound without blocking the TV screen
- 2-Way, 4-Speaker system with bass reflex port delivers well balanced sound
- Compressed Music Enhancer with Bluetooth
- Two digital and one analogue input terminals
- Jack for an extra subwoofer



Silver finish available.



YAS-306 / SRT-1500

Made for



YAS-306 / YAS-106 / YAS-105 / YAS-203 / SRT-1500 / SRT-700

TV Sound Booster

Stylish
2.1ch



NX-B150 Bluetooth Speaker System



- A refined design that fits seamlessly into any interior
- Bluetooth compatibility for enjoying music streaming
- Total 29W (7W x 2 + 15W) power and loudness control
- Auto standby (on and off)

Powerful
sound



NX-50 Powered Speaker

- Total 14 W (7W x 2) powerful output and high sound quality
- Auto standby (on and off)
- Headphone jack and two input jacks
- Auto Mix - you can simultaneously play and mix the two sound sources



Bluetooth
Compatible



NX-B55 Bluetooth Speaker System



- Speaker Unit: 7 cm full-range cone

Easy Wireless Play from Smartphones and Tablets

Enjoy the sound of music or movies from your smartphone or tablet wirelessly. Operate the controls right from your hand and hear dynamic sound backed by the power of the NX-B55.



Compact Size, Big Enjoyment.

MusicCast

WX-010

Wireless Streaming Speaker



Black

- Wireless music streaming via *Bluetooth* or *AirPlay*
- 2-way, 2-speaker system with two passive radiators
- Stereo Pairing lets you connect two units for wider stereo sound.
- Simple and sophisticated design and wall mountable



White

Expand the Enjoyment of Music.

MusicCast

WX-030

Wireless Streaming Speaker



White

- Passive radiator design provides surprisingly strong bass output
- EQ Setting with MusicCast App
- Stereo Pairing lets you connect two units for wider stereo sound.
- Hang it on a wall vertically or horizontally



Black

Restio Give Your Room a Musical Interior.

Looks Beautiful in Any Location.

MusicCast

ISX-18

Integrated Audio System



Black

- Compact, stylish design — you can position it like a photo stand
- Luxurious appearance with a single aluminium frame
- Clock function with alarm setting with MusicCast App



White

Decorate Your Room with Music.

MusicCast

ISX-80

Integrated Audio System



White

- Beautiful art frame design enhances any living space
- Luxuriously textured expanded metal and aluminium frame
- *Bluetooth* output for convenient music streaming



Black



Purple

The DAB/DAB+ tuner model
ISX-18D Integrated Audio System



• other function is same as ISX-18



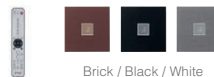
Dark Blue

ISX-803

Integrated Audio System



- Stylish digital clock with IntelliAlarm™
- DTA CONTROLLER app for easy operation
- NFC compatible *Bluetooth* one-touch connection



Brick / Black / White



The DAB/DAB+ tuner model

ISX-803D

Integrated Audio System



• other function is same as ISX-803



WX-010 / WX-030 / ISX-18 / ISX-18D / ISX-80



WX-010 / WX-030 / ISX-18 / ISX-18D / ISX-80 / ISX-803 / ISX-803D



Relit

Sound + Light. Experience the Magic.

Add sound and light to any desired location. With Relit, any space immediately becomes more attractive. It's the easy, elegant way to enjoy your favourite music.

Choose from three wireless music styles.



LSX-170

On shelf

Lighting Audio System

- Diffuser spreads the sound and light through 360°



Black / Champagne Gold

Bronze

LSX-70

On hand - portable

Lighting Audio System

- Battery integrated charging type that you can carry around



Bronze / Black

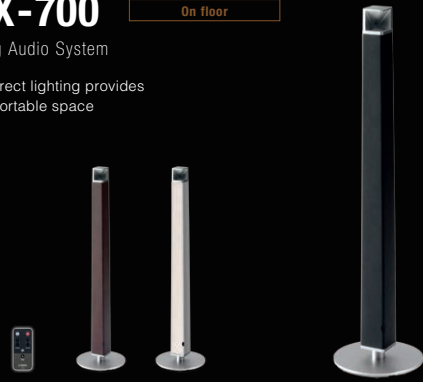
Champagne Gold

LSX-700

On floor

Lighting Audio System

- Non-direct lighting provides a comfortable space



Brown / White

Black

Made for



LSX-170 / LSX-70 / LSX-700



10 Colourful Designs, Inspired by Yamaha Motorcycles.

MCR-B043

Micro Component System



[CD Receiver]

- Bluetooth compatibility for enjoying music streaming
- Playback of any music source: CD, USB, FM radio
- AUX-In terminal for connecting a PC or Digital Audio Player
- 15 W x 2 power output

[Speaker System]

- ø11cm speaker unit with large magnet for rich bass tones



Orange

10 colours



YDS-1*



DAB/DAB+ Tuner for High Quality Digital Radio.



MCR-B043D Micro Component System • other function is same as MCR-B043

Motorcycle-themed design and colour schemes developed in cooperation with Yamaha Motor.
* These motorcycles are no longer in production.

For All Music, for Every Style.

MCR-B020

Micro Component System



[CD Receiver]

- USB port allows you to charge your smartphone or tablet
- 15 W x 2 power output
- Wireless music streaming via Bluetooth
- Alarm functions (Alarm, Snooze and Sleep)



[Speaker System]

- ø10cm speaker unit
- Bass reflex port for deeper, richer bass



White



Black

Orange

Calming Design, Serene Sound.



TSX-B235

Desktop Audio System

Bluetooth

- Music Enhancer
- 15W x 2 power output
- Flat top panel made of real wood
- Large clock display and IntelliAlarm
- Aux-in for other sources



The DAB/DAB+ tuner model

TSX-B235D Desktop Audio System

DAB **DAB+**
Digital Audio Broadcasting Digital Audio Broadcasting
• other function is same as TSX-B235

Delivering the Quality Demanded of Modern Audio.



TSX-B141

Desktop Audio System

Bluetooth

- Supporting aptX® and AAC
- NFC compatible Bluetooth one-touch connection
- Two 8cm full-range speakers and a bass-reflex port together produce a surprisingly punchy sound
- The 3-band equaliser (bass, middle, treble)
- 15W x 2 power output



Champagne Gold

Brick

Black

Fill Your Day with Vivid Sound.



TSX-B15

Desktop Audio System

Bluetooth

- Unique audio design with clock and alarm
- Five brilliant colours
- Stylish LED clock display
- Two 5-cm full-range speakers and a bass reflex port
- USB port for charging your smartphone
- High-intensity aluminium control panel



mini jack

A Space to Relax with Music.



TSX-14

Desktop Audio System

- Unique audio design with clock and alarm
- Five pastel colours
- Stylish LED clock display
- Two 5-cm full-range speakers and a bass reflex port
- iPod/iPhone Dock on top panel with charging function
- High-intensity aluminium control panel



mini jack

Rugged Looks, Carry-along Convenience.



PDX-B11

Bluetooth Speaker System

Bluetooth

- Enjoy music from your smartphone via wireless Bluetooth link
- Dynamic sound with super-large 10 cm woofer for strong bass
- 2-way system with super-large 10 cm woofer and an ultra-precise 3.5 mm tweeter
- AC and battery powered for maximum mobility
- Aux-in for other sources



mini jack

Wakes You Gently, with Style.



TSX-B72

Desktop Audio System

Bluetooth

- Large clock display and IntelliAlarm
- Bluetooth compatibility for enjoying music streaming
- Classic modern design with high quality powder coat finish
- NFC function for hassle-free pairing
- 4W x 2 + 8 W power output



Dark Red

White

Made for

TSX-B235 / TSX-B235D / TSX-B141 / TSX-B72 / HPH-PRO500 / HPH-PRO400 / HPH-PRO300 / HPH-M82 / EPH-M200 / EPH-M100

Made for

TSX-14

If You Love Music, Listen to the PROs.



The Pro series' remote can control Apple® device functions such as play, stop and skip, and you can talk on an iPhone via the mic.

HPH-PRO500 Headphones

The ultimate sonic experience

- Ultra-premium Φ 50mm drivers, mobile-optimised
- Rigid high-grade aluminium alloy earcups
- Dual input/output ports for flexible connectivity
- Weight: 369 g (without cable)



Black



HPH-PRO400 Headphones

The art of listening

- Premium, mobile-optimised Φ 50mm drivers for maximum efficiency
- Weight: 289 g



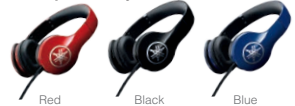
White



HPH-PRO300 Headphones

High-quality sound, low-profile style

- Premium, mobile-optimised Φ 40mm drivers
- Weight: 200 g



Music Has Never Been More Fashionable.

HPH-M82 Headphones

- Twist-adjustable headband
- 1.2 m cable, same colour as body
- Soft earpad for comfortable listening
- Weight: 150 g



Gold

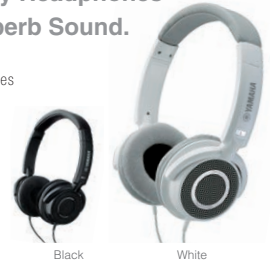


Remote control is the same colour as the body. It can control Apple device functions and you can talk on an iPhone via the mic.

Premium Quality Headphones that Deliver Superb Sound.

HPH-200 Headphones

- Open-air design for natural sound
- Large Φ 40mm driver produces powerful bass sound
- Weight: 180 g



Black

White

Experience Sound Anew.



EPH-M200 Dynamic Sound Earphones

- The world's first* earphones introducing β -titanium sound tubes
- Large 15 mm driver unit for dynamic, high-resolution sound
- Weight: 19.2 g

* In-house research (as of April 2014)



EPH-M100 Dynamic Sound Earphones

- High-quality sound structure for superior fit and rich bass
- Large 15 mm driver unit for dynamic, high-resolution sound
- Weight: 19.1 g

Available only in black

Top Quality Inner Ear Headphones.



EPH-100 Inner Ear Headphones

- Super-Compact Φ 6mm driver
- Precision-shaped aluminium body
- Weight: 13.5 g

The Stylish Way to Keep Your Music with You All the Time.



EPH-R52 Inner Ear Headphones **With Remote unit**

- Manganese laminated metal, tight bass reproduction
- Dedicated-design Φ 8.5mm driver
- Weight: 15.4 g



EPH-W32 Inner Ear Headphones **With Wireless unit**

- Dedicated design Φ 8.5mm driver and sound tuning pipe for rich midrange and bass
- Weight: (EPH-W32) 22.6 g; (EPH-R32) 15.4 g



EPH-W22 Inner Ear Headphones **With Wireless unit**

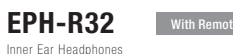
- Dedicated design Φ 8.5mm driver. Enjoy listening to music with powerful bass
- Weight: (EPH-W22) 22.5 g; (EPH-R22) 15.3 g

Comfortable Fit While You Are Exercising

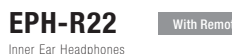


EPH-WS01 Inner Ear Headphones **With Wireless unit**

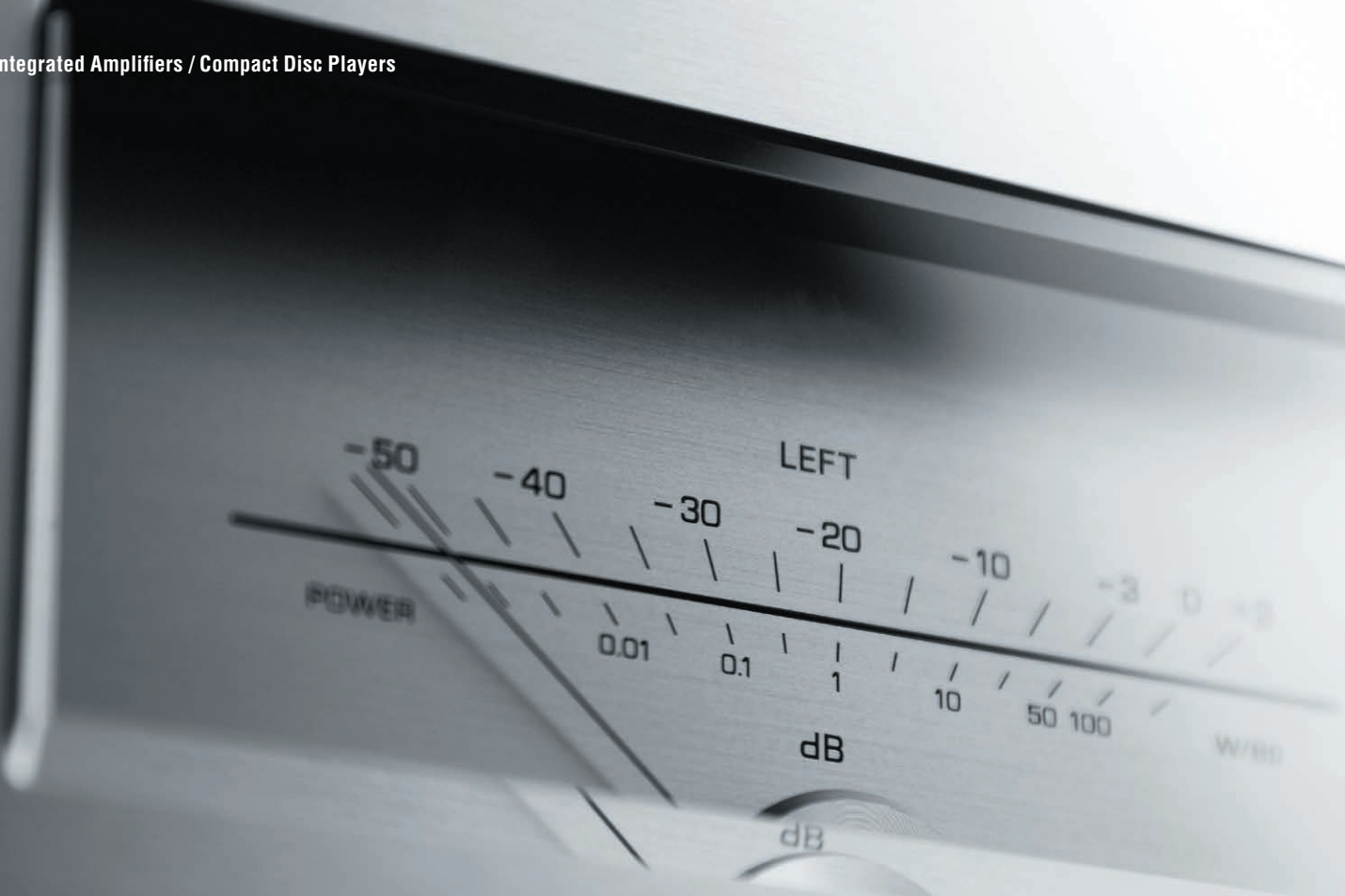
- Resistant to sweat and water*
- Weight: (EPH-WS01) 22.5 g; (EPH-RS01) 15.3 g
- * Earphone pieces only.



EPH-R32 Inner Ear Headphones **With Remote unit**



EPH-R22 Inner Ear Headphones **With Remote unit**



Relentless Pursuit of Musicality

Yamaha's high-end Hi-Fi components are created by combining the most advanced materials and technologies with our long tradition of crafting fine musical instruments. At soft levels, the sound has richly textured resolution. At normal volume, it's exceptionally animated. And at high levels, it rises effortlessly to the peaks. The ultimate audio experience—authentic and supreme.

A-S
AUTHENTIC & SUPREME

Yamaha exclusive Hi-Fi technologies

Amplifiers

Floating and Balanced Power Amplifier with MOSFETs

The power amp circuit uses Yamaha's Floating and Balanced Power Amplifier technology. Adopting output elements with the same polarity on the plus and minus sides of the output stage, and separating the negative feedback circuit and power supply results in symmetric push-pull operation of the output stage. Completely floating the power amp circuit from the ground removes any negative impact of voltage fluctuations or ground noise.



Left-right symmetrical design for independent pre amp and power amp blocks

The amplifier circuit design features independent preamp and power amp blocks, and perfect left-right symmetry. Separation of the preamp from the power amp greatly reduces sound deterioration caused by mutual interference. Moreover, the left-right symmetrical design, which separates the left and right power stages, ensures greater channel separation and enhances clarity of the stereo image.





Silver finish (piano finish sides)

* The sides are also available in Piano Black and Natural Birch finishes.



Black finish (piano finish sides)

* The sides are also available in Piano Black and Dark Brown finishes.

A-S3000 Integrated Amplifier

- 110 W x 2 (max), 90 W x 2 (RMS) high power output
- Full-stage balanced signal transmission
- Floating and Balanced Power Amplifier with MOSFETs
- XLR balanced input
- Discretely configured phono amp



Silver finish (piano finish sides)

* The sides are also available in Piano Black and Natural Birch finishes.



Black finish (piano finish sides)

* The sides are also available in Piano Black and Dark Brown finishes.

CD-S3000 Compact Disc Player



- Left-right symmetrical construction and Full-stage balanced signal transmission
- Full-stage balanced signal transmission
- Independent configuration of digital and analogue circuits
- Built-in USB DAC functions and ASIO 2.3



Silver finish (piano finish sides)

* The sides are also available in Piano Black and Natural Birch finishes.



Black finish (piano finish sides)

* The sides are also available in Piano Black and Dark Brown finishes.

A-S2100 Integrated Amplifier

- 120 W x 2 (max), 90 W x 2 (RMS) high power output
- Symmetrical design in pursuit of ideal stereo reproduction
- Full-stage balanced signal transmission
- Floating and Balanced Power Amplifier with MOSFETs



Silver finish (piano finish sides)

* The sides are also available in Piano Black and Natural Birch finishes.



Black finish (piano finish sides)

* The sides are also available in Piano Black and Dark Brown finishes.

CD-S2100 Compact Disc Player



- Left-right symmetrical construction and Full-stage balanced signal transmission
- Exceptionally high performance ESS 32-bit DAC
- Built-in USB DAC functions



Silver finish (Natural Birch finish sides)

* The sides are also available in Natural Birch and Piano Black finishes.



Black finish (Dark Brown finish sides)

* The sides are also available in Dark Brown and Piano Black finishes.

A-S1100 Integrated Amplifier

- 120 W x 2 (max), 90 W x 2 (RMS) high power output
- Floating and Balanced Power Amplifier with MOSFETs
- All-stage full discrete configuration for strong reproduction of high notes



Silver finish (Natural Birch finish sides)

* The sides are also available in Natural Birch and Piano Black finishes.



Black finish (Dark Brown finish sides)

* The sides are also available in Dark Brown and Piano Black finishes.

CD-S1000 Compact Disc Player



- Balanced signal transmission from DAC
- Transformer with isolated digital, analogue, motor drive and display sections to prevent noise
- Symmetrical circuitry



Compact Disc Players

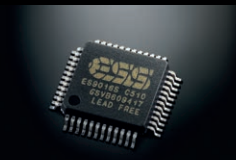
High precision CD drive for greater vibration resistance and high-precision signal reading

The CD-S3000 and CD-S2100 are equipped with an advanced drive mechanism that allows high-precision reading of the vast quantity of audio data recorded on a disc. The loader mechanism is connected firmly to the chassis by installing heavy 1.6mm thick iron reinforcing anchors in front and behind, eliminating the transmission of vibration caused by disc rotation to the circuit board.



Exceptionally high performance 32-bit D/A converter

The D/A converter for the CD-S3000 and CD-S2100 is the ES9016 from ESS Technology that offers high precision processing of 32-bit audio, the ability to handle large amounts of audio data, strength in the low register, and high quality definition in the high register. Since the built-in D/A converter generates its own master clock, an original Jitter Elimination function is also included, permitting D/A conversion with extremely low clock jitter.



A-S801 Integrated Amplifier



- 145 W x 2 (max), 100 W x 2 (RMS) high power output
- USB DAC function supports 2.8MHz/5.6MHz DSD native resolution and PCM384kHz/32*bit reproduction
- Double-bottom chassis for excellent vibration damping
- ToP-ART (Total Purity Audio Reproduction Technology)
- I/O (input to output) Direct Symmetrical Design with top-quality parts, ART (Anti-Resolution and Tough) Base and solid centre bar
- CD Direct Amplification and Pure Direct
- Continuous Variable Loudness Control
- Digital audio inputs for TV or Blu-ray Player
- Gold-plated speaker terminals and RCA terminals



Black finish available.



A-S701 Integrated Amplifier



- 145 W x 2 (max), 100 W x 2 (RMS) high power output
- ToP-ART (Total Purity Audio Reproduction Technology)
- I/O (input to output) Direct Symmetrical Design with top-quality parts, ART (Anti-Resolution and Tough) Base and solid centre bar
- DC out for optional accessories such as YBA-11
- Digital audio inputs for TV or Blu-ray Player
- CD Direct Amplification and Pure Direct
- Continuous Variable Loudness Control
- Gold-plated speaker terminals and RCA terminals



Black finish available.



A-S501 Integrated Amplifier



- 120 W x 2 (max), 85 W x 2 (RMS) high power output
- ToP-ART (Total Purity Audio Reproduction Technology)
- Centre bar to reinforce the internal structure
- DC out for optional accessories such as YBA-11
- Digital audio inputs for TV or Blu-ray Player
- Pure Direct for short and direct signal path
- Continuous Variable Loudness Control



Black finish available.



A-S301 Integrated Amplifier



- 95 W x 2 (max), 60 W x 2 (RMS) high power output
- ToP-ART (Total Purity Audio Reproduction Technology)
- Centre bar to reinforce the internal structure
- DC out for optional accessories such as YBA-11
- Digital audio inputs for TV or Blu-ray Player
- Pure Direct for short and direct signal path
- Subwoofer terminal and Phono MM terminal



Black finish available.



A-S201 Integrated Amplifier



- 140 W x 2 (max), 85 W x 2 (RMS) high power output
- Pure Direct for short and direct signal path
- High sound quality circuit design
- Simple and sophisticated design
- Phono MM terminal for vinyl playback
- Screw-type speaker terminals
- Speaker A, B or A+B selection



Black finish available.

R-N602 Network Receiver

- 105 W x 2 (max), 80 W x 2 (RMS) high power output
- ToP-ART (Total Purity Audio Reproduction Technology)
- MusicCast expands entertainment possibilities
- MusicCast App for smartphones and tablets
- Compatible with the FLAC/WAV/AIFF 192kHz/24bit, Apple Lossless 96kHz/24bit and DSD 5.6MHz
- USB Digital Connection for iPod, iPhone and USB devices
- Bluetooth Output for convenient music streaming
- Digital Audio Input (optical/coaxial) for TV
- Pure Direct Mode for greater sound purity



Black finish available.

musicCast



musicCast



R-N402 Network Receiver

- 125 W* x 2 (max), 85 W* x 2 (RMS) high power output
- MusicCast App for smartphones and tablets
- Compatible with the FLAC/WAV/AIFF 192kHz/24bit, Apple Lossless 96kHz/24bit and DSD 5.6MHz
- Gapless Playback compatibility
- Bluetooth Output for convenient music streaming
- USB digital connection for USB devices
- Digital Audio Input (optical/coaxial) for TV

* Asia region only. For other regions:
140 W + 140 W and 100 W + 100 W.



Black finish available.



Network



R-N301 Network Receiver

- 125 W x 2 (max), 85 W x 2 (RMS) high power output
- Support for music streaming and Internet radio
- NP CONTROLLER for smartphones and tablets
- AirPlay allows music streaming from Mac, PC, iPod, iPhone, iPad
- Compatible with the FLAC 192kHz/24-bit format
- DC out for optional accessories such as YWA-10 and YBA-11



Black finish available.



R-S700 Receiver



- 145 W x 2 (max), 100 W x 2 (RMS) high power output
- CD Direct Amplification
- Pure Direct for short and direct signal path
- Dock port for optional accessory
- iPod video out allows connection to a TV
- Gold-plated speaker terminals
- Dual aluminium-extruded heat sinks
- Subwoofer out
- Speaker A, B or A+B selection



Black finish available.



R-S300 Receiver



Receiver

- 85 W x 2 (max), 50 W x 2 (RMS) high power output
- ART base chassis to minimise noise and vibration
- Pure Direct for short and direct signal path
- Aluminium-extruded front panel
- Continuous Variable Loudness Control
- Dock port for optional accessory
- Subwoofer out
- Speaker A, B or A+B selection
- 40-station FM/AM preset tuning



Black finish available.



R-N602 / R-N402 / R-N301



R-N602



R-N402 / R-N301



R-S202



Receiver

- 140 W x 2 (max), 100 W x 2 (RMS) high power output
- *Bluetooth*-compatible for wireless music streaming
- High sound quality circuit design
- Simple and sophisticated design
- Speaker A, B or A+B selection
- Simple design remote control



Black finish available.



R-S201



Receiver

- 140 W x 2 (max), 85 W x 2 (RMS) high power output
- High sound quality circuit design
- Simple and sophisticated design
- Speaker A, B or A+B selection
- 40-station FM/AM preset tuning



Black finish available.



CD-N301



Network CD Player



- Support for music streaming* and Internet radio
- NP CONTROLLER for smartphones and tablets
- DC out for optional accessories such as YWA-10
- FLAC 192kHz/24-bit format playback compatibility
- High performance DAC for high conversion precision with low noise



Black finish available.

Made for



CD-S700



Compact Disc Player

- Exclusive Yamaha Loading Mechanism with superior quietness and high precision CD Drive
- Differential D/A converter for high conversion precision with low noise
- Independent-structure power unit
- Pure Direct
- USB port on front panel
- MP3 and WMA disc playback compatibility



Black finish available.



CD-S300



Compact Disc Player



- Extremely sophisticated circuitry and layout
- Short signal paths
- High performance DAC for high conversion precision with low noise
- Intelligent Digital Servo
- Pure Direct
- MP3 and WMA compatibility
- USB port on front panel for iPod and other devices



Black finish available.



CD-C600



Compact Disc Changer



- Yamaha's Exclusive PlayXchange
- Full opening disc tray for changing 5 discs at a time
- Pure Direct
- Extremely sophisticated circuitry and layout for short signal paths
- High performance DAC
- MP3 and WMA compatibility
- USB port on front panel for iPod and other devices
- RS-232C interface and IR in/out



Black finish available.

Optional Accessories

Bluetooth Adapter for Wireless Music Streaming (for A-S801 / S701 / S501 / S301)



YBA-11

Bluetooth Wireless Audio Receiver



With the YBA-11, you'll be able to stream music wirelessly from a *Bluetooth* capable mobile phone or a PC to the Hi-Fi component. Thanks to the digital connection and aptX audio coding algorithm, you'll enjoy wireless music streaming with optimum sound quality.

Wi-Fi Adapter for Wireless LAN Connection (for R-N301 / CD-N301)



YWA-10

Wi-Fi Adapter



The YWA-10 has two LAN terminals, gets its power from the receiver's USB terminal, and offers WPS (auto setup) or manual setup via PC.

Optional Accessories for Dock Port (for R-S700 / S300)

Yamaha Docks make it easy to enjoy your favourite music from your iPod or iPhone. All you have to do is set the unit in the cradle.

YID-W10

Wireless Dock System for iPod/iPhone



iPhone not included

Made for



The Creation of the Hi-Fi Powered Speaker

A Powered Speaker with high fidelity audio quality and a bold sound. This single unit lets you enjoy a variety of music from your smartphone, network audio and streaming services. From Yamaha, the creation of the concentrated Powered Speaker.

NX-N500 Network Powered Speaker



- Total 140 W high-power (70 W x 2) with discrete configuration analogue amplifier and Bi-Amp drive
- Balanced transmission and balanced connection for high sound quality
- Compatible with the FLAC/WAV/AIFF 192kHz/24bit, Apple Lossless 96 kHz/24bit and DSD 5.6MHz
- Wide variety of network integration functions including MusicCast
- Rigid Inclosure with three-way mitered joint construction
- Indicator displays the speaker's operating status and playback sound source



Discrete Configuration Analogue Amplifier and Bi-Amp Drive

The discrete configuration amp and bi-amp direct drive system produce powerful sound while maintaining high S/N ratio.



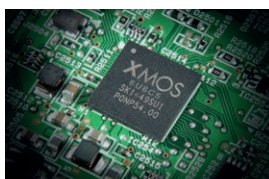
3 cm Dome Tweeter for High Resolution Reproduction

The tweeter can handle 40 kHz high bandwidth playback to accurately reproduce high resolution sound sources.



High-Grade USB DAC Function

The USB DAC supports DSD 5.6MHz native playback. It also uses an ASIO driver, and achieves low-jitter transmission and compatibility with Mac® OS Interger Mode.



High Performance ESS 32-bit D/A Converter

The ES9010K2M from ESS Technology provides high precision processing and is capable of handling large amounts of audio data.



Connect Everything, Reproduce Musicality.



MCR-N570 (CRX-N470 + NS-BP182)
MCR-N570D (CRX-N470D + NS-BP182)
MCR-N470 (CRX-N470 + NS-BP150)

Micro Component System



[CRX-N470/CRX-N470D Network CD Receiver]

- High efficiency digital Amp
- Supports 192 kHz/24-bit high resolution music (Flac / WAV / AIFF)
- Aluminium front panel with hairline finish



[NS-BP182 Speakers for MCR-N570/ MCR-N570D]

- High quality white cone woofer
- VCCS (Vibration Control Cabinet Structure) technology
- Beautifully shaped cabinet



[NS-BP150 Speakers for MCR-N470]

- Gold-plated speaker terminals
- VCCS (Vibration Control Cabinet Structure) technology



Grand Musicality.



MCR-N870 / MCR-N870D

Micro Component System



[CD-NT670/CD-NT670D Network CD Player]

- Compatible with the FLAC/WAV/AIFF
- 192 kHz/24bit and Apple Lossless 96k Hz/24bit
- MusicCast App for easy operation
- USB port on front panel
- Simple yet luxurious exterior design



[NS-BP401 Speakers]

- Piano finish speaker
- Pure aluminium diaphragm 13 cm woofer
- High rigidity cabinet with three-way mitered-joint construction
- Gold-plated speaker terminals



[A-U670 Integrated Amplifier]

- 70 W x 2 high power with Natural PWM type digital power amp with USB DAC function
- Subwoofer output for extra bass power



Fine-tuned for Optimum Performance.



MCR-N670

Micro Component System



[CD-NT670 Network CD Player]

- Same as MCR-N870



[NS-BP301 Speakers]

- 13 cm A-PMD woofer delivers superb sound
- VCCS (Vibration Control Cabinet Structure) technology



[A-670 Integrated Amplifier]

- 65 W x 2 high power with Natural PWM type digital power amp
- Subwoofer output for extra bass power



Full-featured Compact Amp.
True Yamaha Hi-Fi Excellence.



A-U671 Integrated Amplifier

- 70 W x 2 (max) high power output
- Natural PWM-type digital power amp
- USB DAC function supports 2.8MHz/5.6MHz DSD native resolution and PCM 384kHz/32 bit reproduction
- high-performance SABRE™ 32-bit DAC (ES9010K2M)
- Subwoofer output for extra bass power
- Pure Direct



MCR-N570 / MCR-N570D / MCR-N470 / MCR-N870 / MCR-N870D / MCR-N670 / WXC-50 / WXA-50



MCR-N570 / MCR-N570D / MCR-N470 / MCR-N870 / MCR-N870D / MCR-N670 / MCR-N560 / MCR-332 / MCR-232 / WXC-50 / WXA-50



MCR-840

**Further Expanding the Joy of Music.
Network-compatible PianoCraft.**



MCR-N560 Micro Component System

[CRX-N560 Network CD Receiver]

- 32 W x 2 low-distortion power with high efficiency digital amp
- Digital audio inputs (optical / coaxial) for TV
- Connection for YWA-10 WiFi Adapter
- Connection for YBA-11 Bluetooth Wireless Adapter



[NS-BP182 Speakers]

- Same as MCR-N570 / MCR-N570D



**Uncompromising Sound Quality.
2-unit Size PianoCraft.**



MCR-840 Micro Component System

[R-840 Receiver]

- 65 W x 2 high power output
- Discrete amplifier configuration, advanced electronic volume
- Pure Direct
- 30-station FM tuning



[DVD-840 DVD Player]

- 1080p-compatible HDMI output
- 192kHz/24-bit audio DAC
- USB port (USB device charges even in standby)

[NS-BP300 Speakers]

- Elegant and environmentally friendly Yamaha Piano Finish
- VCCS (Vibration Control Cabinet Structure) technology
- Anti-vibration feet to prevent additional oscillation



**Enjoy All your Music, with High-quality
Sound and Stylish Design.**



MCR-332 Micro Component System

[CRX-332 CD Receiver]

- Dock digital connection for iPod, iPhone
- USB digital connection for iPod, iPhone and iPad
- 20 W x 2 high power output
- Outstanding powerful bass sound from compact body
- FM tuner with preset tuning



[NS-BP111 Speakers]

- Speaker cabinet has luxurious piano-like finish
- Three speaker legs and large-size, screw terminals



The CD Receiver is available in Black or Silver. The Speakers are available in Piano Black or Piano White.



**High-quality Sound,
Simple Enjoyment.**



MCR-232 Micro Component System

[CRX-332 CD Receiver]

- Dock digital connection for iPod, iPhone
- USB digital connection for iPod, iPhone and iPad
- 20 W x 2 high power output
- Outstanding powerful bass sound from compact body
- FM tuner with preset tuning



[NS-BP101 Speakers]

- VCCS (Vibration Control Cabinet Structure) technology
- High quality finish and removable speaker grilles



The CD Receiver is available in Black or Silver. The Speakers are available in Black or Brown.



Ultimate Listening Freedom.

MusicCast

WXC-50
Wireless Streaming
Pre-Amplifier

WXA-50
Wireless Streaming
Amplifier



- High power output (WXA-50 only)
90 W per channel (6 ohms, 1 kHz, 0.9% THD, 1 ch driven)
70 W per channel (6 ohms, 20 Hz-20 kHz, 0.06% THD, 2 ch driven)
- Latest ESS9006AS SABRE DAC and highly precise 48-bit digital volume control
- MusicCast App for easy operation
- Various Yamaha proprietary sound processing (Compressed Music Enhancer, Volume-adaptive EQ, Advanced Bass Extension and Direct Mode)



Passing the torch. Ultimate next-generation sound.

Transparent, uncolored sound. Exceptionally wide range. Consistent tone over the entire spectrum. Amazingly low distortion. We identified all sound aspects needed for a flagship, high-resolution speaker, and rose to the challenge—using unknown technologies and materials, including the world's first 100% ZYLON® drivers—establishing the ultimate ideal of Hi-Fi reproduction: the NS-5000. A new world standard.



Speaker unit

Newly developed diaphragm made of ZYLON® with acoustic velocity comparable to beryllium

The base material has been created using 100% ZYLON®, a synthetic fiber rated as the world's strongest** and featuring ideal modulus of elasticity, and was adopted for the newly developed diaphragms — featuring Yamaha's proprietary monel-alloy vapor deposition coating, for the tweeter, mid-range, and woofer. The soft-dome shape prevents peaks and dips caused by the resonance of the diaphragm, while utilising the special properties of ZYLON® which boasts an acoustic velocity comparable to beryllium. The result is remarkably smooth frequency response, with unified tone colour and acoustic velocity over the entire frequency spectrum, providing comfortable listening and meticulously accurate, superb sound reproduction.

* Using 100% for the base material. ** Comparative data concerning all existing organic fibers (source: Toyobo Co., Ltd., May 2015)



soft-dome midrange and soft dome tweeter cone woofer

Newly developed R.S. (Resonance Suppression) Chambers suppress unwanted resonance in the mid and high ranges

The NS-5000 employs a radically different approach to reducing resonance. The backs of the midrange and tweeter feature newly developed R.S. Chambers (patent pending). Each of the R.S. Chambers uses two resonance tubes of different lengths to cancel the resonance peak produced in the main central chamber, thus eliminating the need for interior sound-absorbing materials that would degrade the sound. Each driver retains its native flat frequency characteristics, and delicate nuances of music can now be reproduced with exceptional detail and articulation.



R.S. Chamber



Enclosure

Newly developed Acoustic Absorber eliminates sound — absorbing material to revive the original presence of the music

The cuboid enclosure unifies internal standing waves at a specified frequency, which are accurately cancelled by a newly developed Acoustic Absorber (patent pending). Thanks to this technology, we have been able to eliminate the previous need for the considerable amount of sound-absorbing material inside the enclosure. The result is the virtual elimination of standing waves with amazing efficiency and pin-point accuracy — to energetically revive the natural, essential presence in the music, formerly lost by sound absorption.



Newly developed Acoustic Absorber

NS-5000

Premium Speakers



- 30 cm 3-way bookshelf design draws on the tradition of the legendary NS-1000M
- Carefully crafted laminated plywood enclosure made of Japanese white birch from the island of Hokkaido
- Glossy black piano finish provides improved signal-to-noise performance — and adds to the luxurious joy of ownership
- Network circuitry with positive phase drive and single wiring for all drivers — for natural, enjoyable audio

Solid aluminum legs for stability and optimum sound. Companion speaker stand designed for the NS-5000.



SPS-5000 Speaker Stand

- Dimensions (W x H x D); Weight: 393 x 304 x 376 mm (with spikes) / 393 x 285 x 376 mm (without spikes) ; 8 kg/unit

Soavo series

New Speaker Style with Majestic Appearance for Magnificent Sound.

Soavo



NS-F901

3-Way Bass-Reflex Floorstanding Speakers

- Maximum Input Power: 200 W • Frequency Response: 32 Hz–50 kHz
- Dimensions (W x H x D); Weight: 270 x 1,060 x 425 mm; 30.7 kg/unit

NS-B901

2-Way Bass-Reflex Speakers

- Maximum Input Power: 120 W • Frequency Response: 52 Hz–50 kHz
- Dimensions (W x H x D); Weight: 220 x 349 x 237 mm; 5.9 kg/unit

NS-SW901

Advanced YST II and Front Firing Subwoofer



- Output Power: 600 W • Frequency Response: 18–160 Hz
- Dimensions (W x H x D); Weight: 410 x 457 x 462 mm; 32 kg



NS-B951

2-Way Bass-Reflex Bookshelf Speakers

- Maximum Input Power: 120 W • Frequency Response: 45 Hz–50 kHz
- Dimensions (W x H x D); Weight: 220 x 380 x 353 mm; 9.7 kg/unit

NS-C901

2-Way Bass-Reflex Centre Speaker

- Maximum Input Power: 200 W • Frequency Response: 56 Hz–50 kHz
- Dimensions (W x H x D); Weight: 500 x 170 x 271 mm; 8.4 kg/unit



Piano White Finish



The NS-F901, NS-B951, NS-B901, NS-C901 and NS-SW901 are offered with Piano Black, Piano White, Brown Birch and Black Birch finish available.



SPS-900

Optional Speaker Stands for NS-B951

- 360 x 415 mm (base), 603 mm (height), 6.5kg/unit

NS-700 series

Highly Refined Design and Performance.



NS-F700

3-Way Bass-Reflex Floorstanding Speakers

- Maximum Input Power: 160 W
- Frequency Response: 45 Hz–50 kHz
- Dimensions (W x H x D); Weight: 354 x 1,012 x 374 mm; 25 kg/unit

NS-B750

2-Way Bass-Reflex Bookshelf Speakers

- Maximum Input Power: 120 W
- Frequency Response: 60 Hz–50 kHz
- Dimensions (W x H x D); Weight: 198 x 350 x 290 mm; 6.7 kg/unit

NS-SW700

Advanced YST II and QD-Bass Subwoofer



- Dynamic Power: 300 W
- Frequency Response: 20–160 Hz
- Dimensions (W x H x D); Weight: 406 x 445 x 406 mm; 21 kg/unit

NS-B700

2-Way Acoustic Suspension Speakers

- Maximum Input Power: 120 W
- Frequency Response: 65 Hz–50 kHz
- Dimensions (W x H x D); Weight: 150 x 270 x 154 mm; 3.5 kg/unit

NS-C700

2-Way Acoustic Suspension Centre Speaker

- Maximum Input Power: 160 W
- Frequency Response: 60 Hz–50 kHz
- Dimensions (W x H x D); Weight: 500 x 170 x 170 mm; 7 kg/unit



The NS-700 Series are offered with Yamaha Piano Black, Piano White (except NS-B750) finish and Brown Open Pore finish available.

NS-500 series

Enjoy Your Home Theatre to Its Full Potential.



NS-F500

3-Way Bass-Reflex Floorstanding Speakers

- Maximum Input Power: 160 W
- Frequency Response: 40 Hz–50 kHz
- Dimensions (W x H x D); Weight: 224 x 981 x 349 mm; 19.1 kg/unit

NS-C500

2-Way Acoustic Suspension Centre Speaker

- Maximum Input Power: 160 W
- Frequency Response: 55 Hz–50 kHz
- Dimensions (W x H x D); Weight: 445 x 158 x 159 mm; 4.7 kg/unit

The NS-500 Series are offered with Brown and Black finish available.

NS-B500

2-Way Acoustic Suspension Bookshelf Speakers

- Maximum Input Power: 120 W
- Frequency Response: 50 Hz–50 kHz
- Dimensions (W x H x D); Weight: 190 x 284 x 177 mm; 3.5 kg/unit

NS-SW500

Advanced YST II Subwoofer

- Dynamic Power: 250 W
- Frequency Response: 20–160 Hz
- Dimensions (W x H x D); Weight: 380 x 368 x 420 mm; 18.5 kg/unit

NS-160 series

Excellent Sound Quality with Elegant Design.



NS-P160

Centre and 2 Surround Speaker Package

- NS-C160 (Centre)
 - Dimensions (W x H x D); Weight: 465 x 135 x 172 mm; 2.9 kg
- NS-B160 (Surround)
 - Dimensions (W x H x D); Weight: 150 x 265 x 152 mm; 1.8 kg/unit

NS-F160

2-Way Bass-Reflex Floorstanding Speakers

- Dimensions (W x H x D); Weight: 218 x 1,042 x 369 mm; 19 kg/unit

The NS-F160 and NS-P160 are available with Black and Rosewood finish.

NS-150 series

Accurate Reproduction of High Definition Sound.



NS-P150

Centre and 2 Surround Speaker Package

- NS-C150 (Centre)
 - Dimensions (W x H x D); Weight: 395 x 130 x 127 mm; 2.1 kg
- NS-B150 (Surround)
 - Dimensions (W x H x D); Weight: 130 x 225 x 127 mm; 1.2 kg/unit

NS-F150

2-Way Bass-Reflex Floorstanding Speakers

- Dimensions (W x H x D); Weight: 200 x 1,030 x 362 mm; 11.2 kg/unit

The NS-F150 and NS-P150 are available with Black, Rosewood and Piano Black finish.

NS-140 series

An Impressive Presence in Any Room.



NS-P150

Centre and 2 Surround Speaker Package

- NS-C150 (Centre)
 - Dimensions (W x H x D); Weight: 395 x 130 x 127 mm; 2.1 kg
- NS-B150 (Surround)
 - Dimensions (W x H x D); Weight: 130 x 225 x 127 mm; 1.2 kg/unit

NS-F140

2-Way Bass-Reflex Floorstanding Speakers

- Dimensions (W x H x D); Weight: 200 x 950 x 362 mm; 9.5 kg/unit

The NS-F140 and NS-P150 are available with Black and Rosewood finish. The NS-P150 is also available with Piano Black finish.

NS-71 series

Superior Sound Quality, Thunderous Bass



NS-P51

Centre and 2 Surround Speaker Package

- NS-C51 (Centre)
 - Maximum Input Power: 180 W
 - Frequency Response: 70 Hz–36 kHz
 - Dimensions (W x H x D); Weight: 415 x 135 x 167 mm; 3.3 kg
- NS-B51 (Surround)
 - Maximum Input Power: 150 W
 - Frequency Response: 69 Hz–36 kHz
 - Dimensions (W x H x D); Weight: 148 x 252 x 150 mm; 2.1 kg/unit

NS-F71

2-Way Bass-Reflex Floorstanding Speakers

- Maximum Input Power: 240 W
- Frequency Response: 43 Hz–26 kHz
- Dimensions (W x H x D); Weight: 233 x 974 x 258 mm; 13.7 kg/unit

The NS-71 Series are offered with Walnut and Black finish available.

NS-51 series

For Movies and Music with a Huge Sense of Scale.



NS-P51

Centre and 2 Surround Speaker Package

- NS-C51 (Centre)
 - Dimensions (W x H x D); Weight: 415 x 135 x 167 mm; 3.3 kg
- NS-B51 (Surround)
 - Dimensions (W x H x D); Weight: 148 x 252 x 150 mm; 2.1 kg/unit

NS-F51

2-Way Bass-Reflex Floorstanding Speakers

- Dimensions (W x H x D); Weight: 233 x 973.5 x 254 mm; 13.7 kg/unit

The NS-F51 and NS-P51 are available with Black and Walnut finish.

NS-350 series

Superb High Resolution
Reproduction Performance.



NS-F350 3-Way Bass-Reflex Floorstanding Speakers

- Maximum Input Power: 200 W
- Frequency Response: 35 Hz–45 kHz
- Dimensions (W x H x D); Weight: 220 x 1,157 x 339 mm; 25.9 kg/unit

NS-F330 2-Way Bass-Reflex Floorstanding Speakers

- Maximum Input Power: 200 W
- Frequency Response: 40 Hz–45 kHz
- Dimensions (W x H x D); Weight: 202 x 950 x 297 mm; 18.2 kg/unit

NS-B330 2-Way Bass-Reflex Bookshelf Speakers

- Maximum Input Power: 120 W
- Frequency Response: 55 Hz–45 kHz
- Dimensions (W x H x D); Weight: 183 x 320 x 267 mm; 6.1 kg/unit

NS-P350 Centre and 2 Surround Speaker Package

- NS-PC350 (Centre)**
- Maximum Input Power: 200 W
 - Frequency Response: 58 Hz–45 kHz
 - Dimensions (W x H x D); Weight: 500 x 174 x 202 mm; 6.3 kg

- NS-PB350 (Surround)**
- Maximum Input Power: 150 W
 - Frequency Response: 57 Hz–45 kHz
 - Dimensions (W x H x D); Weight: 186 x 320 x 208 mm; 4.8 kg/unit



The NS-350 Series are offered with Black and White, Walnut finish available.

EF series

Massive Power
for Thrilling
Sound Performance.



NS-777

3-Way Bass-Reflex Floorstanding Speakers

- Maximum Input Power: 250 W • Frequency Response: 30 Hz–35 kHz
- Dimensions (W x H x D); Weight: 276 x 1,100 x 390 mm; 24.4 kg/unit

NS-555

3-Way Bass-Reflex Floorstanding Speakers

- Maximum Input Power: 250 W • Frequency Response: 35 Hz–35 kHz
- Dimensions (W x H x D); Weight: 222 x 980 x 345 mm; 20 kg/unit

NS-333

2-Way Bass-Reflex Speakers

- Maximum Input Power: 150 W • Frequency Response: 60 Hz–35 kHz
- Dimensions (W x H x D); Weight: 200 x 320 x 213 mm; 5.5 kg/unit

NS-C444

2-Way Acoustic Suspension Centre Speaker

- Maximum Input Power: 250 W • Frequency Response: 55 Hz–35 kHz
- Dimensions (W x H x D); Weight: 514 x 190 x 213 mm; 7.3 kg

Package Speakers



NS-P40 Advanced Y-S-T

5.1-Channel Speaker Package

- Dimensions (W x H x D); Weight: (Front/Surround) 112 x 176 x 116 mm; 0.59 kg/unit, (Centre) 276 x 111 x 118 mm; 0.73 kg, (Subwoofer) 290 x 292 x 327 mm; 8 kg



NS-P20 Advanced Y-S-T

5.1-Channel Speaker Package

- Dimensions (W x H x D); Weight: (Front/Surround) 115 x 176 x 88 mm; 0.48 kg/unit, (Centre) 291 x 101 x 103 mm; 0.68 kg, (Subwoofer) 262 x 264 x 299 mm; 7 kg



NS-PA150

5-Channel Speaker Package

- NS-C150 (Centre)
- Dimensions (W x H x D); Weight: 395 x 130 x 127 mm; 2.1 kg
- NS-B150 (Front/Surround)
- Dimensions (W x H x D); Weight: 130 x 225 x 127 mm; 1.2 kg/unit



NS-PA40

5.1-Channel Speaker Package

- Dimensions (W x H x D); Weight: (Front) 230 x 1,000 x 230 mm (with stand); 3.6 kg/unit, (Centre) 276 x 111 x 118 mm; 0.73 kg, (Surround) 112 x 176 x 116 mm; 0.59 kg/unit, (Subwoofer) 290 x 292 x 327 mm; 8 kg



SPS-90

Optional Floorstanding Speaker Stands for NS-PA40, NS-P40 and NS-P20

- Dimensions (W x H x D): 230 x 910—1,200 (height adjustment) x 230 mm
- Weight: 2.2 kg/unit

Bass sound that brings you even greater emotion and excitement



NS-SW1000

Advanced YST and Twisted Flare Port Subwoofer

- Dynamic Power: 1000 W
- Frequency Response: 18–160 Hz
- Dimensions (W x H x D); Weight: W443 x H463 x D525mm; 42.6 kg



NS-SW300

Advanced YST and Twisted Flare Port Subwoofer

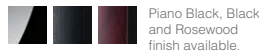
- Dynamic Power: 250 W
- Frequency Response: 20–160 Hz
- Dimensions (W x H x D); Weight: 350 x 366 x 420 mm; 18 kg



NS-SW200

Advanced YST and Twisted Flare Port Subwoofer

- Dynamic Power: 130 W
- Frequency Response: 28–200 Hz
- Dimensions (W x H x D); Weight: 290 x 306 x 351 mm; 11.2 kg



NS-SW100

Advanced YST and Twisted Flare Port Subwoofer

- Output Power: 50 W
- Frequency Response: 25–180 Hz
- Dimensions (W x H x D); Weight: 351 x 352 x 408 mm; 12 kg



NS-SW050

Advanced YST and Twisted Flare Port Subwoofer

- Output Power: 50 W
- Frequency Response: 28–200 Hz
- Dimensions (W x H x D); Weight: 291 x 292 x 341 mm; 8.5 kg



YST-SW515

Advanced YST II and QD-Bass Subwoofer

- Dynamic Power: 270 W
- Frequency Response: 20–160 Hz
- Dimensions (W x H x D); Weight: 350 x 430 x 382 mm; 19 kg



YST-SW315

Advanced YST and QD-Bass Subwoofer

- Dynamic Power: 250 W
- Frequency Response: 20–160 Hz
- Dimensions (W x H x D); Weight: 350 x 430 x 382 mm; 19 kg



YST-SW030

Advanced YST and QD-Bass Subwoofer

- Dynamic Power: 130 W
- Frequency Response: 28–200 Hz
- Dimensions (W x H x D); Weight: 290 x 360 x 311 mm; 10 kg



YST-RSW300

Advanced YST II and Front Firing Subwoofer

- Dynamic Power: 270 W
- Frequency Response: 20–160 Hz
- Dimensions (W x H x D); Weight: 372 x 400 x 428 mm; 20 kg



YST-SW216

Advanced YST II and Front Firing Subwoofer

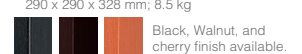
- Dynamic Power: 100 W
- Frequency Response: 25–180 Hz
- Dimensions (W x H x D); Weight: 340 x 340 x 385 mm; 11.2 kg



YST-SW012

Advanced YST II and Front Firing Subwoofer

- Dynamic Power: 100 W
- Frequency Response: 28–200 Hz
- Dimensions (W x H x D); Weight: 290 x 290 x 328 mm; 8.5 kg



YST-FSW150

Advanced YST II and Down-Firing Rack Mountable Subwoofer

- Dynamic Power: 130 W
- Frequency Response: 30–160 Hz
- Dimensions (W x H x D); Weight: 435 x 151 x 350 mm; 9.4 kg



YST-FSW050

Advanced YST II and Down-Firing Rack Mountable Subwoofer

- Dynamic Power: 100 W
- Frequency Response: 25–160 Hz
- Dimensions (W x H x D); Weight: 350 x 163 x 350 mm; 8.5 kg



Specifications

Digital Sound Projectors / TV Surround Systems

	YSP-5600	YSP-2700	YSP-1600	YSP-1400	SRT-1500	SRT-700
Beam Drivers	2.8 cm x 12, 4.0 cm x 32	2.8 cm x 16	2.8 cm x 8	2.8 cm x 8	2.8 cm x 8	—
Tweeters	—	—	—	—	—	—
Woofers	11 cm x 2	—	—	—	4 cm x 10 cm x 2	4 cm x 10 cm x 2
Subwoofer	—	■ (14 cm)	■ (8.5 cm x 2)	■ (8.5 cm x 2)	■ (built-in 8.5 cm x 2)	■ (built-in 7.5 cm x 2)
Digital Amplifier	128 W total power: 88 W beam drivers + 40 W woofers	107 W total power: 2 W x 16 beam drivers + 75 W subwoofer	80 W total power: 2.5 W x 8 beam drivers + 30 W x 2 (subwoofers)	76 W total power: 2 W x 8 beam drivers + 30 W x 2 (subwoofer)	140 W total power: 2.5 W x 8 beam drivers + 30 W x 2 (woofers) + 60 W subwoofers	120W total power: 30 W x 2 (Front L/R) + 60W (subwoofer)
App Control	■	■	■	■	■	■
Versatile Listening Modes	5 mode	5 mode	—	—	—	—
CINEMA DSP	3 Movie, 3 Music, 4 Entertainment	3 Movie, 3 Music, 4 Entertainment	Movie, Music, Sports, Game, TV programme	Movie, Music, Sports, Game	Movie, Music, Sports, Game, TV programme	—
HDMI Interface	4 in (HDMI 1: HDCP2.2 compatible) / 1 out (HDCP2.2 compatible)	3 in (HDMI 1: HDCP2.2 compatible) / 1 out (HDCP2.2 compatible)	1 in (HDCP2.2 compatible) / 1 out	—	1 in (HDCP2.2 compatible) / 1 out	—
HDMI 4K Pass-Through	■	■ (50/60p)	—	—	■	—
USB	—	—	—	—	—	—
Wireless Music Streaming	■ (with Wi-Fi, AirPlay, Bluetooth)	■ (with Wi-Fi, AirPlay, Bluetooth)	■ (with Wi-Fi, AirPlay, Bluetooth)	■ (with Bluetooth)	■ (with Wi-Fi, AirPlay, Bluetooth)	■ (with Bluetooth)
MusicCast Compatibility	■	■	■	—	■	—
Dimensions (W x H x D); Weight	1,100 x 212 x 93 mm (with stands: 1,100 x 216 x 122 mm); 11.7 kg	(Centre unit) 944 x 51 x 154 mm [without stand, antenna]; 4 kg, (Subwoofer) 295 x 297 x 307 mm; 9.1 kg	1,000 x 65 x 130 mm (with antenna up: 1,000 x 134 x 152 mm); 4.7 kg	1,000 x 96 x 133 (with brackets: 141 mm); 4.3 kg	780 x 77 x 370 mm (with antenna up: 780 x 146 x 380 mm); 9.3 kg	546 x 65 x 300 mm; 6.1 kg

Front Surround Systems

	YAS-306	YAS-106	YAS-105	YAS-203
AIR SURROUND XTREME	■	■	■	■
Output Power	120 W (60 W + 60 W built-in subwoofer)	120 W (30 W x 2 + 60 W built-in subwoofer)	120 W (30 W x 2 + 60 W built-in subwoofer)	200 W (50 W x 2 + 100 W subwoofer)
App Control	■	■	■	■
Wireless Streaming Compatibility	■ (with Wi-Fi, AirPlay, Bluetooth)	■ (with Bluetooth)	■ (with Bluetooth)	■ (with Bluetooth)
Bluetooth Audio Codec	SBC, AAC	SBC, AAC	SBC, AAC	SBC, AAC, aptX®
HDMI Interface	—	1 in / 1 out (HDCP2.2 compatible)	—	—
Clear Voice	■	■	■	■
System Frequency Response	55 Hz–23 kHz	60 Hz–23 kHz	55 Hz–22 kHz	35 Hz–23 kHz
Front Speaker System				
Drivers	[L/R Speaker] Dual 5.5 cm cone [Tweeter] Dual 1.9 cm balanced dome [Subwoofer] Dual 7.5 cm cone	[L/R Speaker] Dual 5.5 cm cone [Tweeter] Dual 2.5 cm balanced dome [Subwoofer] Dual 7.5 cm cone	[L/R Speaker] Dual 5.5 cm cone [Tweeter] Dual 1.9 cm balanced dome [Subwoofer] Dual 7.5 cm cone	Dual 5.5 cm cone subwoofer
Dimensions (W x H x D); Weight	[In front of TV placing] 950 x 72 x 131 mm, [Wall mount setting] 950 x 131 x 80 mm (with spacer); 4.9 kg	[In front of TV placing] 890 x 53 x 131 mm, [Wall mount setting] 890 x 131 x 62 mm (with spacer); 3.2 kg	[In front of TV placing] 890 x 53 x 131 mm, [Wall mount setting] 890 x 131 x 59mm (with spacer); 2.9 kg	886 x 79 (without stands) x 121 mm; 2.9 kg
Subwoofer	Built-in	Built-in	Built-in	NS-WSW41
Driver	—	—	—	16 cm cone woofer
Dimensions (W x H x D); Weight	—	—	—	290 x 292 x 316 mm; 8.1 kg

Bluetooth Speaker Systems / Powered Speaker

	NX-B150	NX-50	NX-B55
Maximum Output Power	29 W (7 Wx2+15 W)	7 W x 2 (6 ohms, 1 kHz, 10% THD)	7 W x 2 (6 ohms, 1 kHz, 10% THD)
Speaker Unit	(Satellite Speaker) 4cm full-range cone (Bass unit) 13cm full-range cone	7 cm full-range cone	7 cm full-range cone
Input Terminals	Stereo L/R: 3.5 mm φ mini jack	Stereo L/R: 3.5 mm φ mini jack x 2	Stereo L/R: 3.5 mm φ mini jack
Frequency Response	55 Hz–20 kHz	55 Hz–20 kHz	55 Hz–20 kHz
Bluetooth Version/Profile/Audio Codec	Ver. 3.0 + A2DP/SBC	—	Ver. 2.1 + EDR (A2DP)/SBC, AAC
Dimensions (W x H x D)	(Satellite Speaker) 104 x 116 x 133 mm (Bass unit) 240 x 265 x 286 mm	83 x 184 x 184 mm	83 x 184 x 184 mm
Weight	Satellite Speaker; 0.5 kg, Bass unit; 3.7 kg	Right speaker; 1.03 kg, Left speaker; 0.9 kg	Right speaker; 1.1 kg, Left speaker; 1.0 kg

Wireless Streaming Speakers / Integrated Audio Systems

	WX-010	WX-030	ISX-18 / ISX-18D	ISX-90	ISX-803 / ISX-803D
Maximum Output Power	25 W (Woofer 15 W + Tweeter 10 W)	30 W (6 ohms, 1 kHz, 10% THD)	Woofer 10W (100Hz, 10% THD) / Tweeter 10W (10kHz, 10% THD)	15 W + 15 W (6 ohms, 1 kHz, 10% THD)	15 W + 15 W (6 ohms, 1 kHz, 10% THD)
Format Compatibility	(Network) WAV/Flac/AIFF, Apple Lossless	(Network) WAV/Flac/AIFF, Apple Lossless	(Network) WAV/Flac/AIFF, Apple Lossless	(Network) WAV/Flac/AIFF, Apple Lossless	(CD, CD-R/RW) Audio CD, MP3, WMA (USB) MP3, WMA, AAC
Speaker Unit	9 cm woofer, 2.5 cm tweeter, passive radiator x 2	9 cm woofer, 3 cm tweeter, passive radiator	2.5 cm soft dome tweeter, 5 cm woofer	Dual 3 cm soft dome tweeters, Dual 8 cm woofers	Dual 3 cm soft dome tweeters, Dual 10 cm woofers
Input Terminals	—	—	—	stereo mini jack	iPod/iPhone digital connection, USB port, stereo mini jack
IntelliAlarm	—	—	—	—	■
Wireless Music Streaming	■ (with Wi-Fi, AirPlay, Bluetooth)	■ (with Wi-Fi, AirPlay, Bluetooth)	■ (with Wi-Fi, AirPlay, Bluetooth)	■ (with Wi-Fi, AirPlay, Bluetooth)	■ (with Bluetooth)
Bluetooth Version/Profile/Audio Codec	Ver.2.1+EDR/A2DP, AVRCP/SBC, AAC	Ver.2.1+EDR/A2DP, AVRCP/SBC, AAC	Ver.2.1+EDR/A2DP, AVRCP/SBC, AAC	Ver.2.1+EDR/A2DP, AVRCP/SBC, AAC	Ver.2.1+EDR/A2DP/ SBC, AAC, aptX
MusicCast Compatibility	—	■	—	—	—
FM Tuner / DAB, DAB+ Tuner	— / —	— / —	■ / (ISX-18D only)	■ / —	■ / (ISX-803D only)
Dimensions (W x H x D); Weight	120 x 160 x 130 mm; 1.7 kg	243 x 157 x 113 mm; 2.2 kg	195 x 195 x 60 mm; 1.1 kg	302 x 302 x 65 mm; 3.3 kg	410 x 997 x 295 mm; 12 kg

Lighting Audio Systems

	LSX-700	LSX-170	LSX-70
Bluetooth Version	Ver. 2.1 + EDR (A2DP, AVRCP)	Ver. 2.1 + EDR (A2DP)	Ver. 2.1 + EDR (A2DP)
Bluetooth Audio Codec	SBC, AAC, aptX	SBC, AAC, aptX	SBC, AAC, aptX
Bluetooth Maximum Communication Range	10 m (without interference)	10 m (without interference)	10 m (without interference)
Input Terminal	3.5 mm Stereo mini Jack	3.5 mm Stereo mini Jack	3.5 mm Stereo mini Jack
Driver Unit	7 cm full-range x 2, 6cm full-range x 1	9 cm woofer, 3 cm Tweeter	5.5 cm woofer, 4 cm Tweeter
Lights	6 LED	11 LED	4 LED
Dimensions (W x H x D)	300 x 1,154 x 300 mm (with stand)	271 x 290 x 271 mm	94 x 241 x 94 mm
Weight	5.7 kg	3.3 kg	0.95 kg

Micro Component Systems

	Micro Component Systems	MCR-B043 / MCR-B043D	MCR-B020
CD Receiver	Bluetooth Link Compatibility	Bluetooth Link Compatibility	Bluetooth Link Compatibility
Maximum Output Power	15 W + 15 W (6 ohms, 1 kHz, 10% THD)	15 W + 15 W (6 ohms, 1 kHz, 10% THD)	15 W + 15 W (6 ohms, 1 kHz, 10% THD)
FM Tuner / DAB, DAB+ Tuner	■ / (MCR-B043D only)	■ / —	■ / —
Dimensions (W x H x D); Weight	180 x 130 x 276 mm; 2.6 kg	180 x 143 x 279 mm; 1.8 kg	—
Speaker System			
Speaker Units	Dual 11 cm full range driver	Dual 10cm full range driver	—
Dimensions (W x H x D); Weight	129 x 126 x 251 mm; 1.5 kg/unit	120 x 142 x 258 mm; 1.8 kg/unit	—

Desktop Audio Systems / Bluetooth Speaker System

	TSX-B235 / TSX-B235D	TSX-B141	TSX-B15	TSX-14	PDX-B11	TSX-B72
Maximum Output Power	15 W+15 W (6ohms, 1kHz, 10%THD)	15 W+15 W (6ohms, 1kHz, 10%THD)	5 W + 5 W (6 ohms, 1 kHz, 10% THD)	5 W + 5 W (6 ohms, 1 kHz, 10% THD)	9 W (6 ohms, 1 kHz, 10% THD)	4 W + 4 W + 8 W (6 ohms, 1 kHz, 10% THD)
Format Compatibility	Bluetooth supported audio codec: SBC, AAC, aptX	Bluetooth supported audio codec: SBC, AAC, aptX	Bluetooth supported audio codec: SBC	iPhone/iPod supported audio codec	Bluetooth supported audio codec: SBC, AAC	Bluetooth supported audio codec: SBC, AAC
Speaker Unit	Dual 8 cm full-range driver	Dual 8 cm full-range driver	Dual 5 cm full-range cone	Dual 5 cm full-range cone	10 cm cone woofer and 3.5 cm tweeter	Dual 4 cm full-range cone and 5.5 cm SR-Bass woofer
Input Terminals	Stereo mini jack	Stereo mini jack	Stereo mini jack	Stereo mini jack	Stereo mini jack	Stereo mini jack
IntelliAlarm	■	■	—	—	—	—
Bluetooth Link	■	■	■	■	■	■
FM Tuner / DAB, DAB+ Tuner	■ / (TSX-B235D only)	■ / —	■ / —	■ / —	— / —	■ / —
Dimensions (W x H x D); Weight	370 x 110 x 234 mm; 3.9 kg	400 x 180 x 137 mm; 3.0 kg	180 x 100 x 200 mm; 0.9 kg	180 x 100 x 200 mm; 0.9 kg	210 x 237 x 240 mm; 1.5 kg	210 x 110 x 144 mm; 1.4 kg

Blu-ray Disc™ Players

	BD-A1060	BD-S681	BD-S477
Miracast	■	■	■
Built-in WiFi / Wi-Fi Direct	■ / ■	■ / ■	■ / ■
HDMI with 4K upscaling	■	■	—
USB Ports	Front / Rear	Front / Rear	Front / Rear
3D Playback	■	■	—
CD Mode	■	■	—
Yamaha SCENE Compatibility	■	■	■
HDMI CEC Functionality	■	■	■
On-Screen Display GUI	■	■	■
XRL Terminals	■	—	—
IR In / Out	■	■	—
Dimensions (W x H x D); Weight	435 x 86 x 262 mm; 3.8 kg	435 x 86 x 257 mm; 2.7 kg	435 x 51 x 197 mm; 1.8 kg

Hi-Fi Components

Integrated Amplifiers	A-S3000	A-S2100	A-S1100
Minimum RMS Output Power (8 ohms, 20 Hz-20 kHz, 0.07% THD)	100 W + 100 W	90 W + 90 W	90 W + 90 W (0.02% THD)
Max Output Power (8 ohms, 1 kHz, 10% THD)	130 W + 130 W	120 W + 120 W	120 W + 120 W
Dynamic Power per Channel (8/6/4/2 ohms)	100/130/180/290 W	105/135/190/220 W	105/135/190/220 W
Frequency Response (CD, etc, 5 Hz-100 kHz; (CD, etc)	+0 dB/-3 dB	+0 dB/-3 dB	+0 dB/-3 dB
Input Sensitivity (CD, etc)	200 mV/47 k-ohms	200 mV/47 k-ohms	200 mV/47 k-ohms
RIAA Equalisation Deviation (Phono MC/MM, 20 Hz-20 kHz)	±0.5 dB	±0.5 dB	±0.5 dB
Total Harmonic Distortion (CD, etc to Sp out, 20 Hz-20 kHz)	0.025% (50 W/8 ohms)	0.025% (50 W/8 ohms)	0.025% (50 W/8 ohms)
Maximum Input Signal (CD Bal, 1kHz, 0.5% THD)	2.8 V	2.8 V	—
(CD etc, 1kHz, 0.5% THD)	2.8 V	2.8 V	2.8 V
Signal-to-Noise Ratio (CD, etc, Input Shorted)	103 dB (S: 200 mV)	103 dB (S: 200 mV)	100 dB (S: 200 mV)
Dimensions (W x H x D); Weight	435 x 180 x 464 mm; 24.6 kg	435 x 157 x 463 mm; 23.4 kg	435 x 157 x 463 mm; 23.3 kg

Integrated Amplifiers	A-S801	A-S701	A-S501	A-S301	A-S201
Minimum RMS Output Power (8 ohms, 20 Hz-20 kHz, 0.019% THD)	100 W + 100 W	100 W + 100 W	85 W + 85 W	60 W + 60 W	85 W + 85 W (40 Hz-20 kHz, 0.2% THD)
Max Output Power (8 ohms, 1 kHz, 10% THD)	145 W + 145 W	145 W + 145 W	120 W + 120 W	95 W + 95 W	140 W + 140 W
Dynamic Power per Channel (8/6/4/2 ohms)	140/170/220/290 W	140/170/220/290 W	130/150/185/220 W	100/120/140/150 W	125/150/165/180 W
Frequency Response (10 Hz-100 kHz)	0±1 dB	0±1 dB	0±1 dB	0±1 dB	0±3 dB
Signal-to-Noise Ratio (Input Shorted)	99 dB	99 dB	99 dB	99dB	100 dB
Dimensions (W x H x D); Weight	435 x 152 x 387 mm; 12.1 kg	435 x 151 x 387 mm; 11.2 kg	435 x 151 x 387 mm; 10.3 kg	435 x 151 x 387 mm; 9 kg	435 x 141 x 333 mm; 6.7 kg

Receivers	R-S700	R-S300	R-S202	R-S201
Minimum RMS Output Power (8 ohms, 20 Hz-20 kHz)	100 W + 100 W (0.019% THD)	50 W + 50 W (0.04% THD)	85 W + 85 W (40 Hz-20 kHz, 0.2% THD)	85 W + 85 W (40 Hz-20 kHz, 0.2% THD)
Max Output Power (8 ohms, 1 kHz, 10% THD)	145 W + 145 W	85 W + 85 W	125 W + 125 W	140 W + 140 W
Dynamic Power per Channel (8/6/4/2 ohms)	140/170/220/290 W	70/77/89/100 W	125/150/165/180 W	125/150/165/180 W
Frequency Response (10 Hz-100 kHz)	0±1 dB	0±1 dB	0±3.0 dB	0±3 dB (10 Hz-75 kHz)
Signal-to-Noise Ratio (CD)	107 dB (CD Direct On)	100 dB	100 dB	100 dB
FM 50dB Quieting Sensitivity	3 µV (20.8 dBf)	3 µV (20.8 dBf)	3 µV (20.8 dBf)	3 µV (20.8 dBf)
FM Signal-to-Noise Ratio (Mono/Stereo)	74 dB/70 dB	74 dB/70 dB	71 dB/70 dB	72 dB/70 dB
Dimensions (W x H x D); Weight	435 x 151 x 387 mm; 11.2 kg	435 x 151 x 387 mm; 8.8 kg	435 x 141 x 322 mm; 6.7 kg	435 x 141 x 322 mm; 6.7 kg

Compact Disc Players	CD-S3000	CD-S2100	CD-S1000	CD-S700
Media Compatibility	SA-CD, CD, CD-R/RW (MP3, WMA), USB	SA-CD, CD, CD-R/RW (MP3, WMA), USB	SA-CD, CD, CD-R/RW (MP3, WMA)	CD, CD-R/RW (MP3, WMA), USB
Frequency Response (CD; Super Audio CD)	2 Hz-20 kHz; 2 Hz-50 kHz (-3 dB)	2 Hz-20 kHz; 2 Hz-50 kHz (-3 dB)	2 Hz-20 kHz; 2 Hz-50 kHz (-3 dB)	2 Hz-20 kHz (CD)
Harmonic Distortion (CD; Super Audio CD)	0.002% (1 kHz); 0.002% (1 kHz)	0.002% (1 kHz); 0.0017% (1 kHz)	0.002% (1 kHz); 0.002% (1 kHz)	0.002% (CD)
Signal-to-Noise Ratio (CD/Super Audio CD)	116 dB	116 dB	113 dB	110 dB (CD)
Dynamic Range (CD; Super Audio CD)	100 dB; 110 dB	100 dB; 110 dB	100 dB; 105 dB	100 dB (CD)
Output Level (CD/Super Audio CD)	2 ± 0.3 V (1 kHz, 0 dB)	2 ± 0.3 V (1 kHz, 0 dB)	2 ± 0.3 V (1 kHz, 0 dB)	2 ± 0.3 V (CD, 1 kHz, 0 dB)
Dimensions (W x H x D); Weight	435 x 142 x 440 mm; 19.2 kg	435 x 137 x 438 mm; 15.6 kg	435 x 137 x 440 mm; 15 kg	435 x 96 x 300 mm; 6.2 kg

Compact Disc Players / Changer	CD-S300	CD-C600
Disc Compatibility	CD, CD-R/RW (MP3, WMA), USB	CD, CD-R/RW (MP3, WMA), USB
Frequency Response (CD)	2 Hz-20 kHz ±0.5 dB	2 Hz-20 kHz ±0.5 dB
Harmonic Distortion + Noise (CD, 1 kHz)	0.003%	0.003%
Signal-to-Noise Ratio (CD)	105 dB	105 dB
Dynamic Range (CD)	96 dB	96 dB
Output Level (CD, 1 kHz, 0 dB)	2 ± 0.3 V	2 ± 0.3 V
Dimensions (W x H x D); Weight	435 x 86 x 260 mm; 3.5 kg	435 x 116 x 405 mm; 6.2 kg

Network Receivers

	R-N602	R-N402	R-N301
Minimum RMS Output Power (8 ohms, 40 Hz-20 kHz, 0.2% THD)	80 W + 80 W (20 Hz-20 kHz, 0.04% THD)	85 W + 85 W*	85 W + 85 W
Max Output Power (8 ohms, 1 kHz, 10% THD)	105 W + 105 W	125 W + 125 W*	125 W + 125 W
Dynamic Power per Channel (8/6/4/2 ohms)	105/125/150/178 W	125/150/165/180 W	125/150/165/180 W
Frequency Response (CD, etc.)	0 ± 0.5 dB / 0 ± 1.0 dB	0 ± 0.5 dB / 0 ± 3.0 dB	0 ± 0.5 dB / 0 ± 1.0 dB
Signal-to-Noise Ratio (CD, etc)	100 dB	100 dB	100 dB
FM 50dB Quieting Sensitivity	3 µV (20.8 dBf)	3 µV (20.8 dBf)	3 µV (20.8 dBf)
FM Signal-to-Noise Ratio (Mono / Stereo)	65 dB / 64 dB	71 dB / 70 dB	72 dB / 70 dB
USB	■	■	—
Network Section			
DLNA Version	1.5 (DMP/DMR supported)	1.5 (DMP/DMR supported)	1.5 (DMP/DMR supported)
MusicCast Compatibility	■	■	—
Support Services	Spotify, vTuner	Spotify, vTuner	vTuner
File Format	MP3, WMA, MPEG4 AAC, WAV, FLAC, AIFF, ALAC, DSD	MP3, WMA, MPEG4 AAC, WAV, FLAC, AIFF, ALAC, DSD	MP3, WMA, MPEG 4, AAC, WAV, FLAC
General			
Standby Power Consumption	0.1 W	0.1 W	0.1 W
Dimensions (W x H x D)	435 x 151 x 392 mm	435 x 141 x 340 mm	435 x 141 x 333 mm
Weight	9.8 kg	7.3 kg	6.95 kg

Network CD Player

	CD-N301
Output Level	2.0 ± 0.3 V (1 kHz, 0 dB, Fs 44.1kHz)
Signal-to-Noise Ratio	110 dB
Dynamic Range	100 dB
Harmonic Distortion	0.003%
Frequency Response	(CD) 2 Hz-20 kHz, (Network; Fs 192 kHz) 2 Hz-96 kHz
Network Section	
DLNA Version	1.5
MusicCast Compatibility	■
Support Services	Spotify, vTuner
File Format	WAV, WMA, FLAC, MP3, AAC
Audio Sample Rate	(MP3/WMA/AAC) 8, 11.025, 12, 16, 22.05, 24, 32, 44.1, 48kHz (WAV/FLAC) 8, 11.025, 12, 16, 22.05, 24, 32, 44.1, 48, 64, 88.2, 96, 176.4, 192 kHz
Bit Depth	16 bit, 24 bit (WAV/FLAC file only)
CD Section	
Support Media	CD-DA, CD-R, CD-RW
File Support	MP3, WMA
General	
Power Consumption	6 W
Dimensions (W x H x D); Weight	435 x 86 x 260 mm; 3.2 kg

* Asia region only. For other regions: 140 W + 140 W and 100 W + 100 W.

Specifications

Network Powered Speaker

NX-N500		MusicCast Compatibility	
Dynamic Power	140W total power: 70W (LF:45 W [4 ohms] + HF:25 W [8 ohms]) x 2	DLNA Version	ver. 1.5 (DMR)
Drivers	LF: 13 cm cone, HF: 3 cm dome	Supported Format	MP3, WMA, MPEG4 AAC 48 kHz / 24bit, WAV/FLAC/AIFF 192 kHz / 24bit, ALAC 96 kHz / 24 bit, DSD 5.6 MHz
Crossover Frequency	2 kHz	Bluetooth Version/Profile/ Audio Codec	Ver.2.1 + EDR/A2DP/Sink: SBC, AAC, Source: SBC
Frequency Response	54 Hz – 40 kHz (-10dB)	Standby Power Consumption	0.2W (L-channel only)
Input Sensitivity / Impedance	-10 dBu/10k ohms	Dimensions (W x H x D); Weight	170 x 285 x 222 mm; (Right speaker) 5.7 kg, (Left speaker) 6.2 kg
Input Terminals	(Network) Ethernet Port:1, Wi-Fi:1, Bluetooth:1 (Digital Input) USB (Type B):1, Optical:1 (Analog Input) AUX IN:1		
Wireless Music Streaming	■ (with Wi-Fi, AirPlay, Bluetooth)		

Micro Component Systems (PianoCraft)

	MCR-N870 / MCR-N870D	MCR-N670
Player	CD-NT670 / CD-NT670D Network CD Player	CD-NT670 Network CD Player
Media/Audio Format	CD, CD-R, CD-RW/Audio CD, MP3, WMA	CD, CD-R, CD-RW/Audio CD, MP3, WMA
Supported Format	MP3, WMA, MPEG4 AAC, WAV/FLAC/AIFF 192 kHz / 24bit, ALAC 96 kHz / 24 bit	MP3, WMA, MPEG4 AAC, WAV/FLAC/AIFF 192 kHz / 24bit, ALAC 96 kHz / 24 bit
Bluetooth Version/Profile/ Audio Codec	Ver. 2.1 + EDR/A2DP, AVRCP/SBC, AAC	Ver. 2.1 + EDR/A2DP, AVRCP/SBC, AAC
Dimensions (W x H x D); Weight	314 x 70 x 338 mm; 2.9 kg	314 x 70 x 338 mm; 2.9 kg
Amplifier	A-U670 Integrated Amplifier	A-670 Integrated Amplifier
Maximum Output Power	70 W + 70 W (6 ohms, 1 kHz, 10% THD)	65 W + 65 W (6 ohms, 1 kHz, 10% THD)
Frequency Response	0 ± 3 dB (10 Hz - 40 kHz)	0 ± 3 dB (10 Hz - 40 kHz)
Total Harmonic Distortion	0.05 % (SP Out, 1 kHz, 6 ohms)	0.05 % (SP Out, 1 kHz, 6 ohms)
Signal-to-Noise Ratio	95 dB	95 dB
USB Supported Format	MP3, WMA, MPEG4 AAC, WAV, FLAC, AIFF 192 kHz / 24bit, ALAC 96 kHz / 24 bit, DSD 5.6 MHz	—
Dimensions (W x H x D); Weight	314 x 70 x 342 mm; 3.3 kg	314 x 70 x 342 mm; 3.3 kg
Speaker System	NS-BP401 Speaker System	NS-BP301 Speaker System
Woofer/Tweeter	13 cm cone/3 cm soft dome	13 cm cone/3 cm soft dome
Input Power (Nominal / Maximum)	60 W/120 W	60 W/110 W
Frequency Response	50 Hz-40 kHz	55 Hz - 40 kHz
Dimensions (W x H x D); Weight	176 x 310 x 327 mm; 5.9 kg	176 x 310 x 297 mm; 4.6 kg

	MCR-840
Receiver	R-840 Receiver
Max Power (6 ohms, 1 kHz, 10% THD)	65 W + 65 W*
Dynamic Power (4/2 ohms)	75/100 W**
Total Harmonic Distortion	0.04% (20 Hz-20 kHz, 30 W/6 ohms)
Dimensions (W x H x D); Weight	215 x 110 x 348 mm; 5.7 kg
Player	DVD-840 DVD Player
Signal-to-Noise Ratio	100 dB (DVD, CD)
Harmonic Distortion	0.003% (DVD, CD)
Dimensions (W x H x D); Weight	215 x 108 x 318 mm; 2.8 kg
Speaker System	NS-BP300 Speaker System
Woofer/Tweeter	13 cm cone/ 2.5 cm dome
Input Power (Nominal / Maximum)	60 W / 110 W
Frequency Response	55 Hz-28 kHz
Dimensions (W x H x D); Weight	176 x 318 x 305 mm; 4.3 kg/unit

* 60 W + 60 W for Southeast Asia. ** 70/92 W(4/2 ohms) for Southeast Asia.

	MCR-N570 / MCR-N570D	MCR-N470	MCR-N560	MCR-332	MCR-232
Receiver	CRX-N470/CRX-N470D Network CD Receiver	CRX-N470 Network CD Receiver	CRX-N560 Network CD Receiver	CRX-332 CD Receiver	CRX-232 CD Receiver
Maximum Output Power	22 W + 22 W (6 ohms, 1 kHz, 10% THD)	22 W + 22 W (6 ohms, 1 kHz, 10% THD)	32 W + 32 W (6 ohms, 1 kHz, 10% THD)	20 W + 20 W (6 ohms, 1 kHz, 10% THD)	20 W + 20 W (6 ohms, 1 kHz, 10% THD)
Dimensions (W x H x D); Weight	270 x 110 x 330 mm; 3.0 kg	270 x 110 x 330 mm; 3.0 kg	215 x 110 x 288 mm; 2.7 kg	180 x 118 x 318 mm; 3 kg	180 x 118 x 318 mm; 3 kg
Speaker System	NS-BP182 Speaker System	NS-BP150 Speaker System	NS-BP182 Speaker System	NS-BP111 Speaker System	NS-BP101 Speaker System
Speaker Units	12 cm cone woofer/3 cm dome tweeter	11 cm cone woofer/2.5 cm dome tweeter	12 cm cone woofer/3 cm dome tweeter	11 cm cone woofer/2.5 cm dome tweeter	11 cm cone woofer/2.5 cm dome tweeter
Dimensions (W x H x D); Weight	154 x 273 x 230 mm; 3.3 kg/unit	154 x 274 x 237 mm; 2.6 kg/unit	154 x 273 x 230 mm; 3.3 kg/unit	123 x 200 x 299mm; 2.3 kg/unit	123 x 200 x 298 mm; 2.1 kg/unit

Wireless Streaming Pre-Amplifier / Wireless Streaming Amplifier

	WXC-50	WXA-50
Rated Output Power (6 ohms, 20 Hz-20 kHz, 0.06% THD, 2-ch driven)	—	70 W + 70 W
Max Output Power (6 ohms, 1 kHz, 0.9% THD, 1-ch driven)	—	90 W + 90 W
Total Harmonic Distortion (20 Hz-20 kHz)	0.003 % (Pre out)	0.02 % (SP out)
Signal-to-Noise Ratio	112 dB (Opt / Net / USB / Bluetooth in) / 98 dB (AUX in)	110 dB (Opt / Net / USB / Bluetooth in) / 98 dB (AUX in)
Terminals	(Inputs) Optical digital x 1, Analogue audio x 1, USB x 1 (Outputs) Pre out x 1, Optical digital x 1, Coaxial digital x 1, Subwoofer x 1 (Others) Remote in x 1, Trigger in x 1, Trigger out x 1	(Inputs) Optical digital x 1, Analogue audio x 1, USB x 1 (Outputs) Subwoofer x 1 (Others) Remote in x 1, Trigger in x 1, Trigger out x 1
Network Section		
DLNA	Version 1.5 (DMR supported)	Version 1.5 (DMR supported)
File Format	MP3, WMA, MPEG4 AAC, WAV, FLAC, AIFF, ALAC, DSD	MP3, WMA, MPEG4 AAC, WAV, FLAC, AIFF, ALAC, DSD
Wi-Fi	■	■
AirPlay	■	■
Bluetooth	■ (SBC / AAC)	■ (SBC / AAC)
General		
Standby Power Consumption	1.8 W	1.8 W
Dimensions (W x H x D)	215 x 51.5 x 245.9 mm (with antenna: 214 x 123.6 x 245.9 mm)	215 x 51.5 x 251.4 mm (with antenna: 214 x 123.6 x 251.4 mm)
Weight	1.44 kg	1.94 kg

Integrated Amplifier

	A-U671
Maximum Output Power	70 W + 70 W (6 ohms, 1 kHz, 10% THD)
Frequency Response	0 ± 3 dB (10 Hz - 40 kHz)
Total Harmonic Distortion	0.05 % (SP Out, 1 kHz, 6 ohms)
Signal-to-Noise Ratio	95 dB
USB Supported Format	MP3, WMA, MPEG4 AAC, WAV, FLAC, AIFF 192 kHz / 24bit, ALAC 96 kHz / 24 bit, DSD 5.6 MHz
Dimensions (W x H x D); Weight	314 x 70 x 342 mm; 3.3 kg

Speakers

	NS-5000
Woofers	30 cm cone
Midrange Driver	8 cm dome
Tweeter	3 cm dome
Frequency Response	26Hz-40 kHz(-10dB), <100 kHz (-30 dB)
Input Power (Nominal / Maximum)	200 W / 600 W
Sensitivity	88 dB/2.83 V/1 m
Crossover Frequencies	750 Hz/4.5 kHz
Dimensions (W x H x D); Weight	395 x 690 x 381 mm; 35 kg/unit

Soavo Series	NS-F901	NS-B951	NS-B901	NS-C901
Woofers	Dual 16 cm Advanced PMD cone	16 cm Advanced PMD cone	13 cm Advanced PMD cone	Dual 13 cm Advanced PMD cone
Midrange Driver	13 cm Advanced PMD cone	—	—	—
Tweeter	3 cm aluminium dome	3 cm aluminium dome	3 cm aluminium dome	3 cm aluminium dome
Frequency Response	32 Hz-50 kHz	45 Hz-50 kHz	52 Hz-50 kHz	56 Hz-50 kHz
Input Power (Nominal / Maximum)	50 W / 200 W	30 W / 120 W	30 W / 120 W	50 W / 200 W
Sensitivity	89 dB/2.83 V/1 m	88 dB/2.83 V/1 m	87 dB/2.83 V/1 m	90 dB/2.83 V/1 m
Crossover Frequencies	450 Hz/3.5 kHz	3 kHz	4 kHz	4.2 kHz
Dimensions (W x H x D); Weight	270 x 1,060 x 425 mm; 30.7 kg/unit	220 x 380 x 353 mm; 9.7 kg/unit	220 x 349 x 237 mm; 5.9 kg/unit	500 x 170 x 271 mm; 8.4 kg

NS-700 Series	NS-F700	NS-B750	NS-B700	NS-C700
Woofers	16cm Advanced PMD cone	13cm Advanced PMD cone	10cm Advanced PMD cone	Dual 13cm Advanced PMD cone
Midrange Driver	13cm Advanced PMD cone	—	—	—
Tweeter	3cm aluminium dome	3cm aluminium dome	3cm aluminium dome	3cm aluminium dome
Frequency Response	45 Hz-50 kHz	60 Hz-50 kHz	65 Hz-50 kHz	60 Hz-50 kHz
Input Power (Nominal / Maximum)	40 W / 160 W	30 W / 120 W	30 W / 120 W	40 W / 160 W
Sensitivity	89 dB/2.83 V/1 m	87 dB/2.83 V/1 m	86 dB/2.83 V/1 m	89 dB/2.83 V/1 m
Crossover Frequencies	700 Hz/4 kHz	4 kHz	5 kHz	5 kHz
Dimensions (W x H x D); Weight	354 x 1,012 x 374 mm; 25 kg/unit	198 x 350 x 290 mm; 6.7 kg/unit	150 x 270 x 154 mm; 3.5 kg/unit	500 x 170 x 170 mm; 7 kg

NS-500 Series	NS-F500	NS-B500	NS-C500
Woofers	16 cm cone	12 cm cone	Dual 12 cm cone
Midrange Driver	13cm cone	—	—
Tweeter	3 cm aluminium dome	3 cm aluminium dome	3 cm aluminium dome
Frequency Response	40 Hz–50 kHz	50 Hz–50 kHz	55 Hz–50 kHz
Input Power (Nominal / Maximum)	40 W / 160 W	30 W / 120 W	40 W / 160 W
Sensitivity	88 dB/2.83 V/1 m	84 dB/2.83 V/1 m	87 dB/2.83 V/1 m
Crossover Frequencies	580 Hz, 4.1 kHz	4.2 kHz	4.1 kHz
Dimensions (W x H x D); Weight	224 x 981 x 349 mm; 19.1 kg/unit	190 x 284 x 177 mm; 3.5 kg/unit	445 x 158 x 159 mm; 4.7 kg

NS-160 Series	NS-F160	NS-B160	NS-C160
Woofers	Dual 16 cm cone	8 cm cone	Dual 8 cm cone
Tweeter	3 cm soft dome	1.4 cm balanced dome	1.4 cm balanced dome
Frequency Response	30 Hz–36 kHz	60 Hz–38 kHz	60 Hz–38 kHz
Input Power (Nominal / Maximum)	50 W / 300 W	20 W / 60 W	30 W / 80 W
Sensitivity	87 dB/2.83 V/1 m	82 dB/2.83 V/1 m	86 dB/2.83 V/1 m
Crossover Frequency	3 kHz	4 kHz	4 kHz
Dimensions (W x H x D)	218 x 1,042 x 369 mm	150 x 265 x 152 mm	465 x 135 x 172 mm
Weight	19 kg/unit	1.8 kg/unit	2.9 kg

NS-71 Series / NS-51 Series	NS-F71	NS-F51	NS-B51	NS-C51
Woofers	Dual 16 cm cone	Dual 16 cm cone	10 cm cone	Dual 10 cm cone
Tweeter	3 cm soft dome	3 cm soft dome	2.2 cm balanced dome	2.2 cm balanced dome
Frequency Response	43 Hz–26 kHz	43 Hz–26 kHz	69 Hz–36 kHz	70 Hz–36 kHz
Input Power (Nominal / Maximum)	80 W / 240 W	80 W / 240 W	50 W / 150 W	60 W / 180 W
Sensitivity	89 dB/2.83 V/1 m	89 dB/2.83 V/1 m	89 dB/2.83 V/1 m	92 dB/2.83 V/1 m
Dimensions (W x H x D)	233 x 974 x 258 mm	233 x 973.5 x 254 mm	148 x 252 x 150 mm	415 x 135 x 167 mm
Weight	13.7 kg/unit	13.7 kg/unit	2.1 kg/unit	3.3 kg

NS-150 Series / NS-140 Series	NS-F150	NS-B150	NS-C150	NS-F140
Woofers	Dual 16 cm cone	8 cm cone	Dual 8 cm cone	16 cm cone
Tweeter	3 cm soft dome	1.4 cm balanced dome	1.4 cm balanced dome	3 cm soft dome
Frequency Response	37 Hz–30 kHz	60 Hz–38 kHz	65 Hz–38 kHz	37 Hz–30 kHz
Input Power (Nominal / Maximum)	50 W / 180 W	20 W / 60 W	30 W / 80 W	40 W / 150 W
Sensitivity	88 dB/2.83 V/1 m	82 dB/2.83 V/1 m	86 dB/2.83 V/1 m	86 dB/2.83 V/1 m
Crossover Frequency	3 kHz	4 kHz	4 kHz	3 kHz
Dimensions (W x H x D)	200 x 1,030 x 362 mm	190 x 225 x 127 mm	395 x 130 x 127 mm	200 x 950 x 362 mm
Weight	11.2 kg/unit	1.2 kg/unit	2.1 kg	9.5 kg/unit

NS-350 Series	NS-F350	NS-PB350	NS-PC350	NS-F330	NS-B330
Woofers	Dual 16 cm cone	13 cm cone	Dual 13 cm cone	Dual 13 cm cone	13 cm cone
Midrange Driver	13 cm cone	—	—	—	—
Tweeter	3 cm aluminium dome	3 cm aluminium dome	3 cm aluminium dome	3 cm aluminium dome	3 cm aluminium dome
Frequency Response	35 Hz–45 kHz	57 Hz–45 kHz	58 Hz–45 kHz	40 Hz–45 kHz	55 Hz–45 kHz
Input Power (Nominal / Maximum)	100 W / 200 W	50 W / 150 W	100 W / 200 W	50 W / 200 W	40 W / 120 W
Sensitivity	88 dB/2.83 V/1 m	88 dB/2.83 V/1 m	90 dB/2.83 V/1 m	89 dB/2.83 V/1 m	87 dB/2.83 V/1 m
Crossover Frequency	1.4kHz, 3.8 kHz	3 kHz	2.8 kHz	3.2 kHz	2.8 kHz
Dimensions (W x H x D)	220 x 1,157 x 339 mm	186 x 320 x 208 mm	500 x 174 x 202 mm	202 x 950 x 297 mm	183 x 320 x 267 mm
Weight	25.9 kg/unit	4.8 kg/unit	6.3 kg	18.2 kg/unit	6.1 kg/unit

EF Series	NS-777	NS-555	NS-333	NS-C444
Woofers	Dual 20 cm PMD cone	Dual 16 cm PMD cone	13 cm PMD cone	Dual 13 cm PMD cone
Midrange Driver	13 cm cone with Waveguide horn	13 cm cone with Waveguide horn	—	—
Tweeter	2.5 cm aluminium dome with Waveguide horn	2.5 cm aluminium dome with Waveguide horn	2.5 cm aluminium dome with Waveguide horn	2.5 cm aluminium dome with Waveguide horn
Frequency Response	30 Hz–35 kHz	35 Hz–35 kHz	60 Hz–35 kHz	55 Hz–35 kHz
Input Power (Nominal / Maximum)	100 W / 250 W	100 W / 250 W	60 W / 150 W	100 W / 250 W
Sensitivity	89 dB/2.83 V/1 m	88 dB/2.83 V/1 m	87 dB/2.83 V/1 m	89 dB/2.83 V/1 m
Crossover Frequencies	1 kHz/4 kHz	1 kHz/4 kHz	3 kHz	3 kHz
Dimensions (W x H x D); Weight	276 x 1,100 x 390 mm; 24.4 kg/unit	222 x 980 x 345 mm; 20 kg/unit	200 x 320 x 213 mm; 5.5 kg/unit	514 x 190 x 213 mm; 7.3 kg

Package Speakers	NS-PA40	NS-P40	NS-P20	NS-PA150
System Frequency Response	30 Hz–30 kHz	30 Hz–25 kHz	30 Hz–25 kHz	60 Hz–38 kHz
Front Speakers	2-way bass-reflex	Full-range bass-reflex	Full-range acoustic suspension	2-way acoustic suspension
Input Power (Nominal / Maximum)	30 W / 100 W	30 W / 100 W	30 W / 100 W	20 W / 60 W
Dimensions (W x H x D); Weight	230 x 1000 x 230 mm (with stand); 2.8 kg/unit	112 x 176 x 116 mm; 0.59 kg/unit	115 x 176 x 88 mm; 0.48 kg/unit	130 x 225 x 127 mm; 1.2 kg/unit
Surround Speakers	Full-range bass-reflex	Full-range bass-reflex	Full-range acoustic suspension	2-way acoustic suspension
Input Power (Nominal / Maximum)	30 W / 100 W	30 W / 100 W	30 W / 100 W	20 W / 60 W
Dimensions (W x H x D); Weight	112 x 176 x 116 mm; 0.59 kg/unit	112 x 176 x 116 mm; 0.59 kg/unit	115 x 176 x 88 mm; 0.48 kg/unit	130 x 225 x 127 mm; 1.2 kg/unit
Centre Speaker	Full-range acoustic suspension	Full-range acoustic suspension	Full-range acoustic suspension	2-way acoustic suspension
Input Power (Nominal / Maximum)	30 W / 100 W	30 W / 100 W	30 W / 100 W	30 W / 80 W
Dimensions (W x H x D); Weight	276 x 111 x 118 mm; 0.73 kg	276 x 111 x 118 mm; 0.73 kg	291 x 101 x 103 mm; 0.68 kg	395 x 130 x 127 mm; 2.1 kg/unit
Subwoofer	Advanced YST II with Linear Port	Advanced YST II with Linear Port	Advanced YST with Linear Port	—
Driver	16cm cone	16cm cone	16cm cone	—
Dynamic Power	100 W	100 W	100 W	—
Dimensions (W x H x D); Weight	290 x 292 x 327 mm; 8 kg	290 x 292 x 327 mm; 8 kg	262 x 264 x 299 mm; 7 kg	—

Subwoofers

	NS-SW901	NS-SW1000	NS-SW300	NS-SW200	NS-SW100	NS-SW050	NS-SW700	NS-SW500	YST-SW515	YST-SW315
Driver	25 cm cone	30 cm cone	25 cm cone	20 cm cone	25 cm cone	20 cm cone	25 cm cone	25 cm cone	25 cm cone	25 cm cone
Output Power	600 W	1,000 W	250 W	130 W	50 W	50 W	300 W	250 W	270 W	270 W
Frequency Response	18–160 Hz	18–160 Hz	20–160 Hz	28–200 Hz	25–180 Hz	28–200 Hz	20–160 Hz	20–160 Hz	20–160 Hz	20–160 Hz
Advanced YST	Advanced YST II	Advanced YST II	Advanced YST II	Advanced YST II	Advanced YST II	Advanced YST II	Advanced YST II	Advanced YST II	Advanced YST II	■
QD-Bass Technology	—	—	—	—	—	—	■	—	■	■
High-Efficiency Power Amplifier	■	■	■	■	—	—	■	■	■	■
Port	Twin Linear Ports	Twisted Flare Port	Twisted Flare Port	Twisted Flare Port	Twisted Flare Port	Twisted Flare Port	■	■	■	—
BASS (Bass Action Selector System)	3 modes	2 modes	3 modes	—	—	—	■	■	■	■
Dimensions (W x H x D)	410 x 457 x 462 mm	443 x 463 x 522 mm	350 x 366 x 420 mm	290 x 306 x 351 mm	351 x 352 x 408 mm	291 x 292 x 341 mm	406 x 445 x 406 mm	380 x 368 x 420 mm	350 x 430 x 382 mm	350 x 430 x 382 mm
Weight	32 kg	42.6 kg	18 kg	11.2 kg	12 kg	8.5 kg	21 kg	18.5 kg	19 kg	19 kg

	YST-RSW300	YST-SW216	YST-SW030	YST-SW012	YST-FSW150	YST-FSW050
Driver	25 cm cone	25 cm cone	20 cm cone	20 cm cone	16 cm cone	16 cm cone
Dynamic Power	270 W	100 W	130 W	100 W	130 W	100 W
Frequency Response	20–160 Hz	25–180 Hz	28–200 Hz	28–200 Hz	30–160 Hz	35–160 Hz
Advanced YST	Advanced YST II	Advanced YST II	■	Advanced YST II	Advanced YST II	Advanced YST II
QD-Bass Technology	—	—	■	—	Down-firing	Down-firing
Linear Port	■	■	—	■	■	■
Dimensions (W x H x D)	372 x 400 x 428 mm	340 x 340 x 385 mm	290 x 360 x 311 mm	290 x 290 x 328 mm	435 x 151 x 350 mm	350 x 163 x 350 mm
Weight	20 kg	11.2 kg	10 kg	8.5 kg	9.4 kg	8.5 kg



Powered by music

Music has enormous power to move us
and arouse our emotions.
We love it, we yearn for it, we are devoted to it.
Its energy can advance technology and enrich our lives.
For more than 125 years,
Yamaha has been making steady progress,
nourished by our unwavering enthusiasm for music.
We're continually exploring the possibilities of sound,
striving always to bring you
a richer musical experience.

- AirPlay works with iPhone, iPad, and iPod touch with iOS 4.3.3 or later, Mac with OS X Mountain Lion or later, and Mac and PC with iTunes 10.2.2 or later. Supports iOS 7 or later for setup using Wireless Accessory Configuration. "Made for iPod," "Made for iPhone," and "Made for iPad" mean that an electronic accessory has been designed to connect specifically to iPod, iPhone, or iPad, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod, iPhone, or iPad may affect wireless performance. AirPlay, iPad, iPhone, iPod, iPod nano, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.
- Android is a trademark of Google Inc.
- The *Bluetooth*® word mark and logos are registered trademarks owned by *Bluetooth SIG, Inc.* and any use of such marks by Yamaha Corporation is under licence. Other trademarks and trade names are those of their respective owners.
- The Wi-Fi CERTIFIED Logo is a certification mark of the Wi-Fi Alliance. The Wi-Fi Protected Setup Identifier Mark is a mark of the Wi-Fi Alliance. "Wi-Fi", "Wi-Fi Protected Setup", "Wi-Fi Direct" and "Miracast" are marks or registered marks of the Wi-Fi Alliance.
- Spotify and Spotify logo are registered trademarks of the Spotify Group.
- DLNA™ and DLNA CERTIFIED™ are trademarks or registered trademarks of Digital Living Network Alliance. All rights reserved. Unauthorized use is strictly prohibited.
- Dolby, Dolby Atmos, Dolby Audio, and the double-D symbol are trademarks of Dolby Laboratories.
- For DTS patents, see <http://patents.dts.com>. Manufactured under licence from DTS, Inc. DTS, the Symbol,

- DTS in combination with the Symbol, DTS:X, and the DTS:X logo are registered trademarks or trademarks of DTS, Inc. in the United States and/or other countries. © DTS, Inc. All Rights Reserved.
- The aptX® software is copyright CSR plc or its group companies. All rights reserved. The aptX mark and the aptX logo are trademarks of CSR plc or one of its group companies and may be registered in one or more jurisdictions.
- Burr-Brown is a trademark of Texas Instruments Incorporated.
- HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.
- Blu-ray Disc™, Blu-ray™, Blu-ray 3D™, BD-Live™, BONUSVIEW™ and the logos are trademarks of the Blu-ray Disc Association.
- "x.v.Colour" is a trademark of Sony Corporation.
- Java is a registered trademark of Oracle and/or its affiliates.
- "AVCHD" and the "AVCHD" logo are trademarks of Panasonic Corporation and Sony Corporation.
- DVD is a trademark of DVD Format/Logo Licensing Corporation.
- Other company and product names may be trademarks of Yamaha Corporation and their respective owners.
- Screen images are simulated
- Colours and finishes shown in this catalogue may vary from those on the actual products.
- Product availability, colours and specifications vary depending on area.
- Product designs and specifications are subject to change without notice.

For more product information, visit our website at <http://www.yamaha.com/>



SHARING PASSION & PERFORMANCE

YAMAHA CORPORATION
P. O. Box 1, Hamamatsu, Japan