RX-A760 AV Receiver

AVENTAGE

7.2 ch

*Streaming service availability depends on regions.

Standby Power Consumption

HDMI Control off, Standby Through of	0.1 W
HDMI Standby Through on	1.1 W
Network Standby on	2.1 W (wired)

Dimensions (W x H x D)

435 x 171 x 380 mm (with antenna up: 435 x 234 x 380 mm)
17-1/8" x 6-3/4" x 15" (with antenna up: 17-1/8" x 9-1/4" x 15")

Weight

10.5 kg; 23.2 lbs.

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*1	4

Outputs

HDMI (HDCP2.2 compatible)	1
MONITOR OUT (Component)	1
MONITOR OUT (Composite)	1
Speaker (without subwoofer)*3 / *4	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

*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.

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Main Features

• Dolby Atmos® and DTS:X™ support
• AVENTAGE AV Receivers: Designed to Deliver the Highest Levels of Audio Performance
• Aluminium Front Panel Offers Visual and Aural Benefits
• Anti Resonance Technology (A.R.T.) Wedge helps to ensure that vibrations do not affect sound quality
• 7-channel powerful surround sound
  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)
• MusicCast for audio enjoyment in every room • Wi-Fi Built-in and Wireless Direct Compatible for Easy Network
• *Bluetooth*® for wireless music streaming and Compressed Music Enhancer for *Bluetooth*®
• AirPlay®, Napster®*, Spotify®*, Pandora®*, JUKE* music streaming service and AV Controller app *Music service availability varies by region.
• DSD 2.8MHz / 5.6MHz, FLAC / WAV / AIFF 192kHz / 24bit, Apple Lossless 96kHz / 24-bit playback
• Gapless playback compatibility allows play without interruption
• HDMI® (6 in / 1 out) 4K Ultra HD Full Support with 4K60p (4:4:4), HDCP2.2 (3 in / 1 out), HDR Video and BT.2020 pass-through
• HDMI® input on front panel, Front panel USB Digital Connection for USB thumbdrives
• YPAO™ Reflected Sound Control (R.S.C.) sound optimisation with multipoint measurement
• YPAO™ Volume to ensure natural sounds even at low volume
• Virtual Surround Back Speaker for playing 7.1-channel content with a 5.1-channel system
• Extra Bass enriches powerful bass sound even with small speakers
• Advanced GUI on-screen display with (English, German, French, Spanish, Russian, Italian, Japanese and Chinese)
• Multi-zone audio support (Zone2)
• Phono input for vinyl playback
• Detachable AC power cord for easier installation
• ECO mode operation for about 20% less power consumption

RX-A760 AV Receiver AVENTAGE

Audio Features

• 7-channel powerful surround sound
  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)
• Dolby Atmos® and DTS:X™ support
• Extra 5th foot with Anti-Resonance Technology
  (A.R.T. Wedge) to reduce Vibration
• Aluminium Front Panel Offers Visual and Aural
  Benefits
• Selected high quality parts to achieve optimum
  audio performance
• Pure Direct for pure HiFi sound quality enjoyment
• Latest Burr Brown DirectPath™ DA Converters
• New high quality Volume IC and Independent Pure
  Power Supply
• Low jitter PLL circuitry helps optimise sound imaging
• Assignable amplifiers for front speaker
  bi-amp connection
• Intelligent assignable amplifiers for Surround Back
  <-> Front Presence or Zone 2
• DSD 2.8MHz/5.6MHz audio playback
• FLAC or WAV 192kHz/24-bit audio playback
• Apple Lossless audio playback
• Compressed Music Enhancer for *Bluetooth*®
• Phono input for vinyl playback

Video Features

• HDMI® (6 in / 1 out) 4K Ultra HD Full Support with
  4K60p (4:4:4), HDCP2.2 (3 in / 1 out),
  HDR Video and BT.2020 pass-through
• 4K video upscaling from analogue and
  HDMI® input
• Supports Deep Colour (30 / 36 bit),
  x.v.Colour, 24 Hz Refresh Rate and Auto
  Lip-Sync compensation
• High quality video processing with
  precise deinterlacing
  - Motion adaptive and edge
    adaptive deinterlacing
  - Multi-cadence (incl. 3-2 pull-down) detection

Advanced Features

• MusicCast for audio enjoyment in every room
• *Bluetooth*® for wireless music streaming (SBC/AAC)
• Network functions
  - Wi-Fi Built-in (802.11b/g/n)
  - Easy Wi-Fi setup i.e. iOS Wi-Fi settings sharing,
    WPS etc.
  - AirPlay® allows music streaming from Mac, PC,
    iPod, iPhone, iPad
  - AV Controller app for operating various functions
    from iOS or Android smartphones and tablets
  - Access to: Internet Radio (vTuner): MP3, WMA
                Streaming Services (Napster®*, Spotify®*,
                Pandora®*, JUKE®*)
                *Music service availability varies by region.
                Music files on PC / NAS: WAV, MP3, WMA,
                AAC, FLAC, Apple Lossless, AIFF, DSD
  - DLNA® 1.5 certified
• Gapless playback compatibility allows play
  without interruption
• Front panel USB Digital Connection for
  USB thumbdrives

• Advanced GUI on-screen display with
  HD capability
• HDMI® CEC with versatile control from AV Receiver
  remote control
• YPAO™ R.S.C. (Reflected Sound Control) sound
  optimisation for automatic speaker setup
• HDMI® front panel input for devices such as
  camcorders and digital cameras
• Ability to change HDMI® input while in Standby
  Through mode
• Background Video feature (for Radio / USB /
  Bluetooth® /AUDIO / NET / AUX input)
• SCENE buttons with direct power on (BD/DVD, TV, Net
  and Radio)
  - Quick and simple to use
  - HDMI® CEC powers up compatible TVs and
    Blu-ray Disc™ players

Surround Realism

• HD Audio decoding with CINEMA DSP 3D
  (17 DSP programmes)
• Compressed Music Enhancer with CINEMA DSP
• Dialogue Lift ensures that dialogue comes from the
  centre of the screen
• Dialogue Level Adjustment for proper sound balance
  with dialogue and vocals
• Virtual Presence Speaker function for CINEMA DSP
  3D surround without Front Presence Speakers
• Virtual CINEMA FRONT provides virtual surround
  sound with 5 speakers in front
• Virtual Surround Back Speaker for playing
  7.1- channel content with a 5.1-channel system
• YPAO™ Volume to ensure natural sounds even at
  low volume
• Extra Bass enriches the powerful bass sound even
  with small speakers
• SILENT CINEMA to enjoy surround sound
  with headphone
• Two subwoofer outputs (simultaneous outputs)

Versatile Zone Control

• Pre-out terminal for Zone 2 with
  volume control
• Versatile Zone 2 Control i.e. Power / Volume /
  Control by App
• Party mode
• Remote input / output
• Programmable +12V trigger output

Eco-Friendly Design

• ECO mode operation for about 20%* less
  power consumption *Compared to power consumption when
  ECO mode is off (Yamaha measurement)
• Low standby power consumption of 0.1W
• Auto power standby function with variable
  time setting
• Improved Network and HDMI® Standby
  Power Consumption