

High sound quality, easy operation and special features like Pure Direct, Intelligent Digital Servo, iPod and USB compatibility and MP3/WMA Compatibility.



## High Sound Quality

- Pure Direct
- Extremely sophisticated circuitry and layout
- Short signal paths
- High quality parts
- High performance DAC for high conversion precision with low noise
- Laser pickup floating mechanism
- Intelligent Digital Servo

## Advanced Features

- MP3 and WMA compatibility
- USB port on front panel for iPod and other devices
- iPod compatibility
- CD-R/RW disc playback compatibility
- Numerous convenient playback functions

### Main Specifications

Frequency Response	CD	2 Hz-20 kHz
Harmonic Distortion + Noise	CD	0.003%
Signal-to-Noise Ratio	CD	105 dB
Dynamic Range	CD	96 dB
Output Level	CD (1 kHz, 0 dB)	2 ± 0.3 V
Dimensions	(W x H x D)	435 x 86 x 260 mm
Weight		3.5 kg



Black finish available in some areas.

## HIGH SOUND QUALITY

### Designed to Deliver Satisfying Sound Quality

Inheriting many of the sound quality features of the S2000/S1000 Series components, this CD player delivers sound that will satisfy devoted music fans. In addition to CDs, it also provides high quality play of music files stored on digital audio players like iPod or USB memory devices via a USB port on the front panel.

### Pure Direct

The CD-S300 provides the same Pure Direct feature that is a popular feature of Yamaha amplifiers and receivers. Pressing the button on the front panel or on the remote control shuts down the digital audio output and turns off the display. This achieves the lowest possible noise interference and thus highest sound quality of the analogue audio output.

### Extremely Sophisticated Circuitry and Layout

Yamaha technicians devoted a great deal of time and effort to designing the overall interior layout of parts and circuit boards, a factor that significantly affect sound quality. As a result, the power supplies for the motor drive, display and USB sections, as well as the digital, and analogue sections are individually isolated, eliminating electromagnetic interference among them. To achieve ideal weight balance for stable performance, the drive mechanism is located in the centre of the unit.

### Short Signal Paths

The internal layout of parts and circuit boards is highly logical and symmetrical, with signal paths on each board as short as possible, and signal paths between sections straight and short (not easy to achieve) to minimise the chance of signal loss or interference.

### Well Matched, High Quality Parts

Each of the individual elements in a CD player influences the sound quality, which is why Yamaha puts a great deal of effort into the selection and matching of parts and materials. Three examples in the CD-S300 are a high-grade acoustic capacitor, a new low-noise, high-gain bandwidth op amp, and the use of damping material under the transformer and around the signal cables. In short, this CD player's internal sophistication is on a level generally found on much more expensive models.

### High Performance D/A Converter

Utilising a Burr Brown 192kHz/24-bit DAC, the high performance D/A conversion system takes full advantage of the digital technology refined by Yamaha over a period of many years, ensuring excellent conversion precision, S/N ratio and dynamic range.

### Laser Pickup Floating Mechanism

The laser pickup is isolated on a floating mechanism so its delicate operation cannot be affected by vibration.

### Intelligent Digital Servo

Conventional tracking servo circuitry cannot completely overcome errors caused by disc defects, warpage, dust and so on. This system uses a dependable DSP (Digital Signal Processor) exclusive for CDs to monitor the signal, adjusting pickup tracking and focus, as well as spindle motor speed, to compensate for any problems.

## ADVANCED FEATURES

### Enjoy Your MP3 and WMA Music

The USB port on the front panel gives you an easy way to enjoy high quality sound from MP3 or WMA digital music files stored on USB players and memory devices, as well as on memory cards mounted on USB card readers. You can also play files recorded on CD-R/RW discs.

### Enjoy iPod Music at Maximum Quality

Using a USB cable, you can plug your iPod into the USB port to enjoy your music library via your audio system. The digital signal is sent to the CD player with no degradation and then converted to analogue by the high performance DAC, and transmitted to the amplifier by the high quality audio circuitry, so you hear your music at the highest possible quality. As iPod or USB audio data input from the USB port can be also output by digital out terminals (optical or coaxial), digital signals can be transmitted as is to amps or audio systems with digital inputs.\* You can use the remote control to command the play, pause, skip and forward/backward functions, and song, artist and album names will be displayed. Compatible iPods are the iPod classic (including 120GB classic), iPod nano (2nd Gen., 3rd Gen., 4th Gen.) and iPod touch (1st Gen. and 2nd Gen.). When the power is on and USB mode is selected, the iPod charges automatically.

\* When connected to the digital input of a recording device, copying is prohibited due to copy protection and recording cannot be done.

### 3-Mode CD Text Display

Get information about the CD currently playing right on the CD player's display. The 3-mode CD Text display shows the CD's title, the artist's name and the title of the track.

### Programmable Play

It's extremely easy to programme the tracks you want to hear in any order. You can clear the programme at any time with a single touch.

### Other Notable Features

- 10-key direct track and direct access
- Random play
- Repeat play (full/single)
- 3-mode time display
- 4 illumination levels
- Last track resume
- Auto ready mode
- Play mode memory

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