

Specifications

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The specifications of the unit are as follows.

Amplifier section

Maximum rated output power

- Front L/R 30 W × 2ch
- Subwoofer 60 W

Speaker section

Front L/R

- Type Acoustic suspension type (non-magnetic shielding)
- Driver 5.5 cm (2-1/8") cone × 2
- Frequency response 170 Hz to 22 kHz
- Impedance 6 Ω

Tweeter

- Type Magnetic shielding type
- Driver 2.5 cm (1") dome × 2
- Frequency response 5 kHz to 23 kHz
- Impedance 6 Ω

Subwoofer

- Type Bass reflex type (non magnetic shielding)
- Driver 7.5 cm (3") cone × 2
- Frequency response 62 Hz to 170 Hz
- Impedance 3 Ω (6 Ω × 2)

Decoder

- Supported audio signal PCM (up to 5.1ch)
- (HDMI/optical input) Dolby Digital (up to 5.1ch)
- DTS Digital Surround (up to 5.1ch)

Input jacks

- HDMI 1 (HDMI IN)
- Digital (optical) 1 (TV)

Output jacks

- HDMI 1 (HDMI OUT (ARC))
- Analog (RCA/monaural) 1 (SUBWOOFER OUT)

Other jacks

- USB 1 (UPDATE ONLY)
- LAN 1 (NETWORK)

Bluetooth

Function	Sink function (source device to this unit)
Bluetooth version	Ver 4.2
Supported profiles	A2DP
Supported codecs	Sink function: SBC, AAC
Bluetooth class	Bluetooth Class 2
Range (line-of-sight)	Approx. 10 m (33 ft)
Supported content protection method	SCMS-T (sink function)
[U.K. and Europe models]	
• Radio frequency	
2402 MHz to 2480 MHz	
• Maximum output power (EIRP)	
9.5 dBm (8.9 mW)	

Network

Ethernet standard	100BASE-TX/10BASE-T
Supported codecs	
WAV (PCM format only) /FLAC: up to 192 kHz	
ALAC: up to 96 kHz	
MP3/WMA/MPEG-4 AAC: up to 48 kHz	

Wi-Fi function

• Wireless LAN standards	IEEE802.11b/g/n
• Radio frequency band	2.4 GHz
• Available security method	WEP, WPA2-PSK (AES), Mixed Mode
[U.K. and Europe models]	
• Radio frequency	
2.4 GHz band	2402 MHz to 2482 MHz (20 MHz)
• Maximum output power (EIRP)	
2.4 GHz band	18.8 dBm (75.9 mW)

General

Power supply	
• [U.S.A. and Canada models]	AC 100 to 120 V, 50/60 Hz
• [Australia model]	AC 100 to 240 V, 50/60 Hz
• [U.K., Europe and Russia models]	AC 100 to 240 V, 50/60 Hz
• [General model]	AC 100 to 240 V, 50/60 Hz
• [Taiwan and Mexico models]	AC 100 to 120 V, 50/60 Hz
• [China model]	AC 100 to 240 V, 50/60 Hz
• [Korea model]	AC 100 to 240 V, 50/60 Hz
Power consumption	
30 W (Rated)	
4.3 W (Voice Control Ready)	

Standby power consumption

- [U.S.A., Canada, Taiwan and Mexico models]
 - HDMI control off, network standby off 0.2 W
 - HDMI control off, network standby on (Wired/Wi-Fi/Bluetooth) 1.7/1.9/1.7 W
 - HDMI control on, network standby off 0.6 W
 - HDMI control on, network standby on 2.2 W
- [U.K. and Europe models and other models]
 - HDMI control off, network standby off 0.2 W
 - HDMI control off, network standby on (Wired/Wi-Fi/Bluetooth) 1.7/1.9/1.7 W
 - HDMI control on, network standby off 0.6 W
 - HDMI control on, network standby on 2.2 W

Dimensions (W x H x D)

- Installing the unit in front of a TV, etc. 890 × 53 × 131 mm
(35" × 2-1/8" × 5-1/8")
- Mounting the unit on a wall, with spacers 890 × 131 × 62 mm
(35" × 5-1/8" × 2-1/2")

Weight 3.4 kg (7.5 lbs)

■ NOTE

The contents of this manual apply to the latest specifications as of the publishing date. To obtain the latest manual, access the Yamaha website then download the manual file.

Supported HDMI audio and video formats

The following HDMI audio and video formats can be used by the unit.

Audio signals

Audio signal types	Audio signal formats
2ch Linear PCM	2ch, 32 kHz to 192 kHz, 16/20/24 bit
Multi-ch Linear PCM	6ch, 32 kHz to 192kHz, 16/20/24 bit
Bitstream	Dolby Digital, DTS

Video signals

The unit is compatible with the following video signals.

- Deep Color
- x.v.Color
- 3D video signal
- High Dynamic Range (HDR) video
 - HDR10
 - HLG

The unit is compatible with the following resolutions.

- VGA
- 480i/60 Hz
- 480p/60 Hz
- 576i/50 Hz
- 576p/50 Hz
- 720p/60 Hz, 50 Hz
- 1080i/60 Hz, 50 Hz
- 1080p/60 Hz, 50 Hz, 30 Hz, 25 Hz, 24 Hz
- 4K/60 Hz, 50 Hz, 30 Hz, 25 Hz, 24 Hz

Copyright protection standard

This unit supports HDCP version 2.3.

■ NOTE

- Refer to documentation supplied with the AV device, and set the device appropriately.
- When CPPM copy-protected DVD-Audio is played back, video and audio signals may not be output depending on the type of the DVD player.
- The unit is not compatible with HDCP-incompatible HDMI or DVI devices. Refer to documentation supplied with the HDMI or DVI device for HDCP compatibility.
- To decode audio bitstream signals on the unit, set the input source device appropriately so that the device outputs the bitstream audio signals directly (does not decode the bitstream signals on the device). Refer to documentation supplied with the device for details.
- The resolution of transmitted video signal varies according to specifications of the TV connected to the unit.
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Supported digital audio formats

The following digital audio formats can be used by the unit.

Optical

Audio signal types	Audio signal formats
2ch Linear PCM	2ch, 32 kHz to 96 kHz, 16/20/24 bit
Bitstream	Dolby Digital, DTS

HDMI (ARC)

Audio signal types	Audio signal formats
2ch Linear PCM	2ch, 32 kHz to 96 kHz, 16/20/24 bit
Bitstream	Dolby Digital, DTS

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