Specifications

■ GENERAL

Power supply	AC 120 V, 60 Hz
Power consumption	45 W
Power consumption in standby mode (Network Standby Off & No clock display)	0.15 W
Power consumption in standby mode (Network Standby On & No clock display)	2.0 W*1
Dimensions (W×H×D)	450 mm (17 23/32") × 143 mm (5 5/8") × 280 mm (11 1/32")
Mass	Approx. 7.8 kg (17.2 lbs)
Operating temperature range	0 °C to 40 °C (+32 °F to +104 °F)
Operating humidity range	35 % to 80 % RH (no condensation)

*1: Wireless Network Standby (Wired LAN not connected & No clock display)

■ AMPLIFIER SECTION

Output power	Front speaker (L/R): 30 W + 30 W (1 kHz, T.H.D. 1.0 %, 6 Ω, 20 kHz LPF) Subwoofer: 40 W (70 Hz, T.H.D. 1.0 %, 4 Ω, 20 kHz LPF)
FTC output power	Front speaker (L/R): 20 W + 20 W (1 kHz, T.H.D. 1.0 %, 6 Ω, 20 kHz LPF) Subwoofer: 35 W (70 Hz, T.H.D. 1.0 %, 4 Ω, 20 kHz LPF)
Input sensitivity/ input impedance	AUX (LOW): 575 mVrms/16 kΩ AUX (HIGH): 290 mVrms/16 kΩ

(Continued)

■ TUNER SECTION

Frequency Modulation (FM)

Preset memory	30 stations
Frequency range	87.9 MHz to 107.9 MHz (200 kHz step) 87.5 MHz to 108.0 MHz (100 kHz step)
Antenna terminals	75 Ω (unbalanced)

Amplitude Modulation (AM)

Preset memory	15 stations
Frequency range	520 kHz to 1710 kHz (10 kHz step)

■ DISC SECTION

Playable Disc (8 cm (3″) or 12 cm (5″))	CD, CD-R, CD-RW
Pickup	
Wavelength	790 nm (CD)
Laser power	CLASS 1
Format	CD-DA

■ SPEAKER SECTION

Front speaker (L/R)

Type	2 way, 2 speaker (Closed)
Woofer	8 cm (3 1/8″) × 1/ch, Cone type
Tweeter	2 cm (3/4″) × 1/ch, Dome type

Subwoofer

Type	1 way, 1 speaker (Bass reflex)
Subwoofer	12 cm (4 3/4″) × 1, Cone type

(Continued)

■ Bluetooth® SECTION

Bluetooth® system specification	Bluetooth® Ver.2.1+EDR
Wireless equipment classification	Class 2 (2.5 mW)
Supported profiles	A2DP, AVRCP
Supported codec	AAC, SBC
Frequency band	2.4 GHz band FH-SS
Operating distance	Approx. 10 m (33 ft) Line of sight*2

*2: Prospective communication distance
Measurement environment:
Temperature 25 °C (77 °F)/Height 1.0 m (3.3 ft)
Measure in "Mode1"

■ TERMINALS SECTION

Headphones Jack	Stereo, ϕ3.5 mm (1/8")
USB	REAR USB Type A Connector
Support Memory Capacity	2 TB (max)
Maximum number of folders (albums)	800
Maximum number of files (songs)	8000
File system	FAT16, FAT32
USB port power	DC OUT 5 V 0.5 A (max)
Ethernet interface	LAN (100BASE-TX/10BASE-T)
AUX Input	Stereo, ϕ3.5 mm (1/8") Jack
Digital Input	Optical digital input (Optical terminal)
Format support	LPCM

(Continued)

■ **FORMAT SECTION**

USB-A

USB Standard	USB 2.0 high-speed USB Mass Storage class

Wi-Fi SECTION

Standard	IEEE802.11b/g/n
Frequency Band	2.4 GHz band (1 - 11 ch)
Security	WPA2™, Mixed mode WPA2™/WPA™
Encryption Type	TKIP/AES
Authentication type	PSK WEP (64 bit/128 bit)
WPS version	Version 2.0

(Continued)

■ File format

This unit supports the following file formats.

- This unit does not support the playback of copy-protected music files.
- Playback of all files in formats supported by this unit is not guaranteed.
- Playback of a file in a format not supported by this unit may cause choppy audio or noise. In such cases, check to see if this unit supports the file format.
- This unit does not support VBR (Variable Bit Rate) playback.
- Some of the connected devices (servers) may be capable of converting files in formats not supported by this unit and output them. For details, refer to the operating instructions for your server.
- File information (sampling frequency, etc.) shown by this unit and playback software may differ from each other.

USB-A

File format	Extension	Sampling frequency	Bit rate/ Number of quantization bits
MP3	.mp3	32/44.1/ 48 kHz	16 to 320 kbps
AAC	.m4a .aac	32/44.1/48/ 88.2/96 kHz	16 to 320 kbps
WMA	.wma	32/44.1/ 48 kHz	16 to 320 kbps
WAV	.wav	32/44.1/48/ 88.2/96/ 176.4/192 kHz	16/24 bit
FLAC	.flac	32/44.1/48/ 88.2/96/ 176.4/192 kHz	16/24 bit
AIFF	.aiff	32/44.1/48/ 88.2/96/ 176.4/192 kHz	16/24 bit
ALAC	.m4a	32/44.1/48/ 88.2/96/ 176.4/192 kHz	16/24 bit
DSD	.dff .dsf	2.8/5.6 MHz	

(Continued)

LAN (DLNA)*

File format	Extension	Sampling frequency	Bit rate/ Number of quantization bits
MP3	.mp3	32/44.1/ 48 kHz	16 to 320 kbps
AAC	.m4a .aac	32/44.1/48/ 88.2/96 kHz	16 to 320 kbps
WMA	.wma	32/44.1/ 48 kHz	16 to 320 kbps
WAV	.wav	32/44.1/48/ 88.2/96/ 176.4/192 kHz	16/24 bit
FLAC	.flac	32/44.1/48/ 88.2/96/ 176.4/192 kHz	16/24 bit
AIFF	.aiff	32/44.1/48/ 88.2/96/ 176.4/192 kHz	16/24 bit
ALAC	.m4a	32/44.1/48/ 88.2/96/ 176.4/192 kHz	16/24 bit
DSD	.dff .dsf	2.8/5.6 MHz	

*: Whether or not each music file can be played back over your network is determined by the network server even if the format of the file is listed above. For example, if you are using Windows Media Player 11, not all music files on the PC are playable. You can play back only those added to the library of Windows Media Player 11.

Note

- Specifications are subject to change without notice.
- Mass and dimensions are approximate.