

Spec description

Supported media	
CD	CD, CD-R, CD-RW (only CD-DA format)
SD	SD card (512MB to 2GB), SDHC card (4GB to 32GB)
USB	USB Flash memory (512MB to 64GB)
File System	FAT16 / FAT32
Playback file formats	
CD-DA	44.1kHz, 16-bit
MP3	44.1k / 48k Hz, 32k to 320k bps and VBR (MPEG1/2 Audio Layer-3)
WMA	44.1k / 48k Hz, 32k to 320k bps and VBR (WMA ver.9 standard, DRM not supported)
WAV (USB/SD only)	44.1k / 48k Hz, 16-bit
AAC (USB/SD only)	44.1k / 48k Hz, 8k to 320k bps and VBR (MPEG4 AAC-LC (Audio stream))
Number of channels	2 (stereo), 1 (mono)
Dubbing file formats	
MP3	44.1kHz, 96k / 128k / 192k / 320k bps (96k / 128k bps with tuner)
Analog audio input	
AUX IN	
Connector	1/8" (3.5mm) Stereo mini jack × 1
Nominal input level	-20dBV (0.1Vrms)
Maximum input level	-4dBV (0.63Vrms)
Input impedance	10k Ω or more
Analog audio outputs	
UNBALANCED	
Connector	RCA Pin jack × 1 pair
Rated output level	-10dBV (0.316Vrms, when analog output level setting OFF)
Maximum output level (switchable)	+6dBV (2.0Vrms, when analog output level setting OFF)
Output impedance	200 Ω
BALANCED	
Connector	XLR 3-32 (1: GND, 2: HOT, 3: COLD) × 1 pair
Rated output level	+4dBu (1.23Vrms, when analog output level setting OFF)

Maximum output level (switchable)	+20dBu (7.75Vrms, when analog output level setting OFF)
Output impedance	100 Ω
Tuner output	
UNBALANCED	
Connector	RCA Pin jack × 1 pair
Rated output level	-10dBV (0.316Vrms)
Maximum output level	+6dBV (2.0Vrms)
Output impedance	200 Ω
Phones	
Connector	1/4" (6.3mm) Stereo phone jack × 1
Maximum output	20mW + 20mW (THD+N 0.1% or less, into 32 Ω load)
Control input/output	
RS-232C	
Connector	9-pin D-sub (female, inch-standard)
Bluetooth®	
Bluetooth® version	4.2
Output class	Class 2 (approximate transmission distance: 33 ft. / 10m) * The transmission distance is approximate. The transmission distance could vary depending on the surrounding environment and electromagnetic waves.
Supported profile	A2DP, AVRCP 1.0
Supported A2DP codecs	SBC, AAC, Qualcomm® aptX™
A2DP content protection	SCMS-T
Tuner	
Antenna connector	
FM	F-type (female)
AM	2-pin push terminal
Frequency range	
FM	87.5M to 108.0M Hz
AM	522k to 1,629k Hz
Power	AC 100 – 240V, 50/60Hz
Power consumption	10W
Dimensions (W × H × D)	19.0" × 1.8" × 11.8" / 482.6 × 45 × 300.5 mm

Weight	7.3 lbs. / 3.3 kg
Operating temperature range	5 to 35°C / 41 to 95°F
Permitted installation tilt	30° or less
Included items	AC power cord, Wireless remote controller"RC-CD400", a rack-mounting screw kit, FM antenna, AM antenna, Owner's manual/warranty

Audio performance

Frequency response	20Hz to 20kHz, ± 1 dB (when 44.1k/48kHz sampling frequency, CD/SD/USB playback, JEITA)
Distortion	0.005% or less (when CD/SD/USB playback, JEITA)
S/N ratio	95dB or more (when CD/SD/USB playback, JEITA)
Dynamic range	90dB or more (when CD/SD/USB playback, JEITA)
Crosstalk between channels	90dB or more (when CD/SD/USB playback, JEITA)