

SPECIFICATIONS

AUDIO SECTION

- Minimum RMS output power
(8 Ω, 20 Hz to 20 kHz, 0.019% THD)..... 100 W + 100 W
(6 Ω, 20 Hz to 20 kHz, 0.038% THD)
[Except for Asia model]..... 120 W + 120 W
- Dynamic power per channel (IHF) (8/6/4/2 Ω)
..... 140/170/220/290 W
- Maximum power per channel
[U.K. and Europe models only]
(1 kHz, 0.7% THD, 4 Ω)..... 160 W
- IEC power
[U.K. and Europe models only]
(1 kHz, 0.019% THD, 8 Ω)..... 115 W
- Power band width
(0.04% THD, 50 W, 8 Ω)..... 10 Hz to 50 kHz
- Damping factor (SPEAKERS A)
1 kHz, 8 Ω..... 240 or more
- Maximum effective output power (JEITA)
[Asia and China models only]
(1 kHz, 10% THD, 8 Ω)..... 145 W
- Input sensitivity/Input impedance
PHONO (MM)..... 3.0 mV/47 kΩ
CD, etc. 200 mV/47 kΩ
- Maximum input signal
PHONO (MM) (1 kHz, 0.03% THD) 45 mV or more
CD, etc. (1 kHz, 0.5% THD)..... 2.2 V or more
- Output level/Output impedance
REC OUT..... 200 mV/1.0 kΩ or less
SUBWOOFER OUT (Cut Off Frequency: 100 Hz)
..... 3.5 V/1.2 kΩ
- PHONES jack rated output/Impedance
CD, etc. (Input 1 kHz, 200 mV, 8 Ω)..... 470 mV/470 Ω
- Frequency response
CD, etc. (20 Hz to 20 kHz) 0 ± 0.5 dB
CD, etc. PURE DIRECT on (10 Hz to 100 kHz)..... 0 ± 1.0 dB
- RIAA equalization deviation
PHONO (MM)..... ± 0.5 dB
- Total harmonic distortion
PHONO (MM) to REC OUT
(20 Hz to 20 kHz, 2.5 V)..... 0.03% or less
CD, etc. to SPEAKERS
(20 Hz to 20 kHz, 50 W, 8 Ω)..... 0.019% or less
- Signal to noise ratio (IHF-A network)
PHONO (MM) (5 mV input shorted)..... 82 dB or more
CD, etc. PURE DIRECT on
(200 mV input shorted)..... 99 dB or more
CD DIRECT AMP on..... 104 dB or more
- Residual noise (IHF-A network)..... 40 μV
- Channel separation
CD, etc. (5.1 kΩ input shorted, 1 kHz)..... 65 dB or more
CD, etc. (5.1 kΩ input shorted, 10 kHz) 50 dB or more

- Tone control characteristics
BASS
Boost/Cut (20 Hz)..... ±10 dB
Turnover frequency 400 Hz
- TREBLE
Boost/Cut (20 kHz)..... ±10 dB
Turnover frequency 3.5 kHz
- Continuous loudness control
Attenuation (1 kHz)..... -30 dB
- USB (Type B) Supported USB2.0
- Supported digital audio format (OPTICAL/COAXIAL)
PCM (2-ch)..... 192/176.4/96/88.2/48/44.1/32 kHz
- Supported digital audio format (USB)
PCM (2-ch)..... 384/352.8/192/176.4/96/88.2/48/44.1 kHz
DSD 2.8224/5.6448 MHz
- PCM word depth..... 32*/24/16 bit
* Only input to the USB jack from a Windows PC is supported.

GENERAL

- Power supply
[U.S.A. and Canada models] AC 120 V, 60 Hz
[Asia model] AC 220-240 V, 50/60 Hz
[China model]..... AC 220 V, 50 Hz
[Korea model]..... AC 220 V, 60 Hz
[U.K. and Europe models] AC 230 V, 50 Hz
- Power consumption
[Asia model] 230 W
[Other models]..... 270 W
- Standby power consumption 0.5 W
- Dimensions (W × H × D) 435 × 152 × 387 mm
(17-1/8" × 6" × 15-1/4")
- Weight..... 12.1 kg (26.7 lb)

* 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.