

**AMPLIFIER SECTION****LINE IN, SPEAKER OUT**

Rated output power (20 Hz-20 kHz at rated THD, both channels driven)	>380 W into 4 ohms >200 W into 8 ohms
Rated output power, Bridge mode (20 Hz – 20 kHz at rated THD)	>700 W into 8 ohms
Input sensitivity	1.5 V (200W 8 ohms, Volume maximum)
THD + N (20 Hz – 20 kHz)	<0.003 % (1W to 200 W, 8 ohms and 4 ohms)
Signal-to-Noise Ratio	>98 dB (A-weighted, 1 W out in 8 ohms) >120 dB (A-weighted, 200 W out in 8 ohms)
Clipping power	>210 W (0.1 % THD 1 kHz 8 ohms)
IHF dynamic power	4 ohms: 560 W 8 ohms: 280 W
Peak output current	≥25 A (0.1 ohm, 1 mS)
Damping factor	>800 (8 ohms, 20 Hz to 6.5 kHz)
Frequency response	(20 Hz -20 kHz) ±0.2 dB

**PREAMPLIFIER SECTION****LINE IN, BALANCED IN**

Input impedance (R and C)	53 kohms/280 pF
Input sensitivity	Line IN: 460 mV (500 mV out, Volume maximum) Balanced IN: 250 mV (500 mV out, Volume maximum)
Maximum input level	3.5 Vrms
Tone controls	Treble: ±6 dB at 15 kHz Bass: ±6 dB at 40 Hz

**PRE OUT**

Maximum output level	SE OUT: 3.6 Vrms (0.1% THD) Balanced OUT: 7.6 Vrms (0.1% THD)
Signal-to-Noise ratio	>120 dB (A-weighted, 2 V out)
Output impedance	Source Z + 49.9 ohms

**SUB OUT (1 SUBWOOFER, 2 SUBWOOFERS)**

Maximum output level	3 Vrms (0.1 % THD 100Hz)
Signal-to-Noise ratio	>88 dB (20 Hz-20 kHz 1V out)
THD+N	<0.005 % (20 Hz-200 Hz 1V)
Output impedance	Source Z + 220 ohms

**PHONO**

Input sensitivity (500 mV out Volume maximum)	MM: 5 mV MC: 370 uV
Input impedance (R and C)	MM: 25.6 kohms/180 pF MC: 100 ohms/280 pF
Signal-to-noise ratio (A-weighted, 500 mV PRE OUT 1 kHz)	MM: >93 dB MC: >73 dB
THD+N (500 mV PRE OUT 1kHz)	MM: <0.003 % MC: <0.03 %
RIAA response accuracy MM/MC	(20 Hz -20 kHz) ±0.2 dB

**HEADPHONE**

Output impedance	Source Z + 3.3 ohms
Output power	>300 mW/32 ohms

**BluOS SECTION****AUDIO**

Supported audio file format*	MP3, AAC, WMA, OGG, WMA-L, ALAC, OPUS
Supported high-resolution audio file format*	FLAC, MQA, WAV, AIFF
Sampling rate	up to 192 kHz
Bit depths	16 – 24

**CONNECTIVITY**

Network connectivity	Gigabit Ethernet RJ45 Wi-Fi 5
USB	1 x Type-A port for connection to USB memory stick (FAT32 or NTFS formatted) and supported peripherals

## SPECIFICATIONS

Bluetooth quality	aptX HD 5.0
Bluetooth connectivity	Two-Way (Receive and Headphone modes)
<b>USER INTERFACE</b>	
Supported operating system in desktops	Music playback from network shares on the following desktop operating systems: Microsoft Windows 10 or higher and macOS 10.3 or higher**
Mobile Application	Free BluOS Controller App available for download from the respective App stores of Apple iOS devices (iPad, iPhone and iPod), Android devices, and Windows or macOS desktops
Front panel	7-inch full colour touch screen
Remote control	SRM 1 remote control
<b>SUPPORTED SERVICES</b>	
Streaming cloud services*	Amazon Music, Bugs, Custom Channels, Deezer, IDAGIO, KKBOX, Napster, Neil Young Archives, nugs.net, Pandora, Presto Music, Qobuz, QPlay, Qsic, SOUNDMACHINE, Spotify, TIDAL, Tunify
Free internet radio*	Audacy, Calm Radio, iHeartRadio, LiveOne, Radio Paradise, SiriusXM, TuneIn
Integration partners	Control4, Crestron, ELAN, Lutron, Push, Roon, RTI, URC
Voice Control Integration	Skills and support for Amazon Alexa and Apple's Siri with corresponding enabled devices and App
<b>POWER CONSUMPTION</b>	
Standby power	<0.5W (Auto standby ON) <7W (Network standby) <40W (idle power)
<b>DIMENSION AND WEIGHT</b>	
Gross dimensions (W x H x D)**	435 x 133 x 396 mm 17 1/8 x 5 1/4 x 15 5/8 inches
Shipping weight	18.4 kg (40.6 lbs)

\* - Supported audio file format, cloud services and free internet radio are subject to change without notice.

\*\* - Gross dimension includes feet and extended rear panel terminals

Specifications are subject to change without notice. Check out [www.NADelectronics.com](http://www.NADelectronics.com) for updated documentation or latest information about M33 V2.