NAD MASTERS

M10 V3 BluOS STREAMING AMPLIFIER

BluOS™ | Hi-Res AUDIO | FDP Full Optic Driven Power | HybridDigital™ | Works with Apple AirPlay | Dirac | Qualcomm aptX™ HD | MQA | <0.5W STANDBY

NAD MASTERS M10 V3 BluOS STREAMING AMPLIFIER ▼

With the introduction of the NAD Masters M10 V3, the ideal integrated amplifier for the Internet era just got even better. As with its forebears, the M10 V3 combines a sophisticated network streamer and powerful 100-watt-per-channel amp in one inviting and intuitive package. Using the intuitive BluOS app, you can cue up your favourite music up to Hi-Res 24bit/192kHz from your smart device or computer and deliver it with unimpeachable fidelity to your speakers.

The M10 V3 maintains everything that made the original and V2 so beloved, but improves upon the platform with the addition of NAD's new BC1 IR remote control, support for optional Dirac Live Bass Control, a phono input (MM), and an upgraded DAC.

BETTER SOUND WITH YOUR SPEAKERS IN YOUR ROOM ▼

Like its predecessors, the M10 V3 exemplifies the "Just Add Speakers" revolution in hi-fi, whether you're simply connecting a pair of your favourite speakers to the audiophile-grade speaker terminals or pairing two additional wireless BluOS-enabled rear speakers for a full-fledged Dolby Digital 4.0, 4.1 or 4.2-channel surround sound system. Settings for the dual subwoofer outputs can be adjusted using the intuitive BluOS Controller app. What's more, the M10 V3's Dirac Live Room Correction capabilities have been upgraded to support Dirac Live Bass Control** via an optional license.

This not only unlocks optimization of multiple subwoofers, but also co-optimization of subwoofers and speakers to significantly improve the blend between the main speakers and subs to unlock the full potential of every sound source in the room, reduce of anomalies caused by the listening environment itself. The M10 V3 can store multiple Dirac profiles for different listening positions or room conditions—for example, whether the drapes are open or closed—and each of these presets can be accessed at the touch of a button of the supplied BC1 IR remote control.

TOTAL CONTROL ▼

The M10 V3 offers an abundance of control options, in addition to the included remote. With the BluOS app, you play music from your favourite streaming services, as well as files stored on USB and network drives, using your smartphone, tablet, or PC. The M10 V3 supports AirPlay 2, so you can stream music from an iPhone, iPad, or iTunes library directly. It also supports Spotify Connect and Tidal Connect, so you can play music using the apps for those services, and is Roon Ready. That, in addition to numerous other streaming services supports directly within the BluOS app, including including Hi-Res music services such as Amazon Music Ultra HD, Tidal Max, Deezer, Qobuz, and many others.

FEATURES & DETAILS

- UP to 24bit/192kHz High Resolution playback
- BluOS Streaming Amplifier
- Wireless 4.0, 4.1- and 4.2-channel surround sound option
- Hybrid Digital NCore Amplifier
- Continuous Power: 100W into 8/4 Ohms
- Dynamic Power: 160W into 8 Ohms
                300W into 4 Ohms
- ESS Sabre ES9039 DAC
- MQA decoding and rendering
- Colour LCD touchscreen display
- Amazon Alexa & Apple Siri voice control skills
- AirPlay 2 and Two-way Qualcomm aptX HD Bluetooth
- Roon Ready
- Spotify Connect and Tidal Connect
- NFC Bluetooth pairing for compatible devices
- BluOS multi-room capability
- Gigabit Ethernet
- HDMI eARC, USB Type A Inputs
- Stereo Line Input, Coax/Optical Digital Inputs
- MM Phono Stage
- Preamp output, two independent subwoofer outputs
- Dirac Live Limited to 500Hz license included.
- Dirac Live Full Frequency and Bass control** optional
- IR remote control with Dirac filter switching
- IR Input, 12V Trigger Out
- BluOS apps for iOS, Android, Mac OS, and Windows
- Support for advanced control systems including Crestron, Control4, RTI, URC, Elan, Lutron, and iPort

You can choose tracks, select sources, and adjust volume and other settings from the M10 V3's touchscreen. The supplied remote control lets you adjust volume, skip tracks, and activate preset commands. The M10 V3 is compatible with the Amazon Alexa and Apple Siri digital voice assistants, and can be integrated into Apple, Control4, Crestron, Lutron, and other control and automation ecosystems, so you can control music playback, along with other home systems like lighting, shades, HVAC, and security.

SMALL AND MIGHTY▼

Behind the M10 V3's gorgeous colour touchscreen display lies a powerful sound system that delivers thrilling dynamics and exquisite detail. The Hybrid Digital amplifier, based on NCore class-D circuitry, is conservatively rated to deliver 100 watts per channel. The unit's DAC chip has also been upgraded to the ESS Sabre ES9039, which provides even higher dynamic range, lower noise, and more detail. The M10 V3 can stream lossless and high-resolution audio and has full MQA hardware decoding and rendering capabilities.

ROOM-FRIENDLY▼

Created by the award-winning design firm DF-ID, the M10 V3 features a solid brushed aluminium chassis and Gorilla Glass top and front panels. With its elegantly minimalist design, the M10 V3 will blend beautifully into any living space.

MODERN MASTERPIECE▼

In addition to its robust streaming capabilities, the M10 V3 has a line-level analogue input as well as a new MM phono stage, along with optical and coaxial digital inputs, HDMI eARC, and USB Type A inputs, for connecting disc players, game consoles, external drives, media adapters, flat-panel displays, and other components. It also features bidirectional aptX HD Bluetooth.

With the M10 V3, you can listen through wireless headphones, stereo loudspeakers, a surround-sound setup, or up to 64 BluOS-capable components arrayed throughout your home. No matter how and where you listen, it is the perfect integrated amplifier for the modern home and the modern music fan.

Specifications M10 V3▾

All specs are measured according to IHF 202 CEA 490-AR-2008 standard. THD is measured using AP AUX 0025 passive filter and AES 17 active filter.

GENERAL SPECIFICATIONS	
Rated output power into 8 ohms	100W (ref. 20 Hz – 20 kHz at rated THD both channels driven)
Rated output power into 4 ohms	200W (ref. 20 Hz – 20 kHz at rated THD both channels driven)
THD (20 Hz -20 kHz)	<0.03% (250mW to 80W 8 ohms)
	<0.03% (250mW to 100W 4 ohms)
Signal-to-Noise Ratio	>82 dB (A-weighted, ref.1W out 8 ohms 500 mV input)
Clipping power	>130 W (ref. 1 kHz 0.1% THD 8 ohms)
	>230 W (ref 1 kHz 0.1% THD 4 ohms)
IHF dynamic power	8 ohms: 160W
	4 ohms: 300W
Damping factor	>174 (ref. 20 Hz – 20 kHz 8 ohms)
Frequency response	±0.3 dB (20 Hz – 20 kHz)
Tone controls	Treble: ±6.0 dB at 20 kHz
	Bass: ±6.0 dB at 60 Hz
Channel separation	>85 dB (1 kHz)
	>71 dB (10 kHz)
Input sensitivity (for 100W in 8 ohms)	Line In: 377 mV
	Digital In: -14.8 dBFS
Network Standby mode	<3.3W
Vacation mode	<0.5W
PHONO IN, PRE OUT	
THD (20 Hz – 20 kHz)	<0.08% at 2V out
Signal-to-Noise Ratio	46 kohms/100 pF
Input sensitivity	4.5 mVrms (ref. 2V 20 Hz – 20 kHz)
Frequency response	±0.3 dB (ref. 20 Hz – 20 kHz)
Maximum input signal at 1 kHz	<27 mVrms (ref. 0.1% THD)
SUBWOOFER OUT 1 ONLY; SUBWOOFER OUT 1 AND SUBWOOFER OUT 2	
Maximum output level	5V (ref. 20 Hz 0.1%)
Signal-to-Noise Ratio	>90 dB (ref. 1V A-weighted)
	>96 dB (ref. 2V A-weighted)
THD+N	<0.008% (ref. 2V 20 Hz)
Output impedance	600 ohms

BluOS SECTION

AUDIO

Supported Audio File Formats	MP3, AAC, WMA, WMA-L, OGG, ALAC
Supported Hi-Res Audio File Formats	FLAC, MQA, WAV, AIFF
Sampling Rates	up to 192 kHz
Bit depths	16 – 24

CONNECTIVITY

Network connectivity	Ethernet RJ45, Gigabit 1000 Mbps
	Wi-Fi 5 (802.11ac), dual band
3rd Party integrations	AirPlay 2
Bluetooth codec	Bluetooth 5.0 aptX HD
Bluetooth connectivity	Two-Way (Receive and Headphone modes)
USB	Type A (FAT32 or NTFS formatted)

USER INTERFACE

Supported operating system	Music playback from network shares on the following desktop minimum system requirement: Microsoft Windows version 10 and macOS versions 10.15
Mobile Application	Download BluOS App for iOS and Android devices as well as Windows and macOS desktops from their respective Application stores and BluOS downloads page - https://bluos.io/downloads
Remote control	BC1 remote control

SUPPORTED SERVICES*

Music services	Amazon Music, Bugs, CustomChannels, Deezer, IDAGIO, KKBOX, Napster, Neil Young Archives, nugs.net, Pandora, Presto Music, Qobuz, QPlay, Qsic, SOUND-MACHINE, Spotify, TIDAL, Tunify
Free internet radio	Calm Radio, SiriusXM, iHeartRadio, LiveOne, Audacy, Radio Paradise, TuneIn
Integration services	Control 4, Crestron, ELAN, Lutron, Push, Roon, RTI, URC
Digital Assistant	Amazon Alexa, Siri

DIMENSION AND WEIGHT

Unit gross dimensions (W x H x D) **	218 x 100 x 260 mm 8 5/8 x 3 15/16 x 10 1/4 inches
Net weight	3.3 kg (7.2 lbs)
Shipping weight	5.9 kg (13.0 lbs)

* Some supported services are not available in all geographic regions due to copyright laws and licensing agreements. Check supported services availability in your area or region.
** Gross dimension includes feet and extended rear panel terminals.
Specifications are subject to change without notice. For updated documentation and features, please check out www.NADelectronics.com for the latest information about M10 V3.