



# M32 DirectDigital™ Amplifier



An elegant, top-of-the-line, BluOS™-capable integrated amplifier with a host of features that offer maximum flexibility, excellent efficiency, and reduced noise and distortion. Also includes a phono input and a headphone output to accommodate music lovers of all kinds.

## MODULAR AND CUSTOMISABLE ▼

Using a proprietary modular design, you can upgrade or expand your M32 as technologies emerge, ensuring a cost-effective way to keep the music "on" into the future.

## YOUR MUSIC ANYWHERE ▼

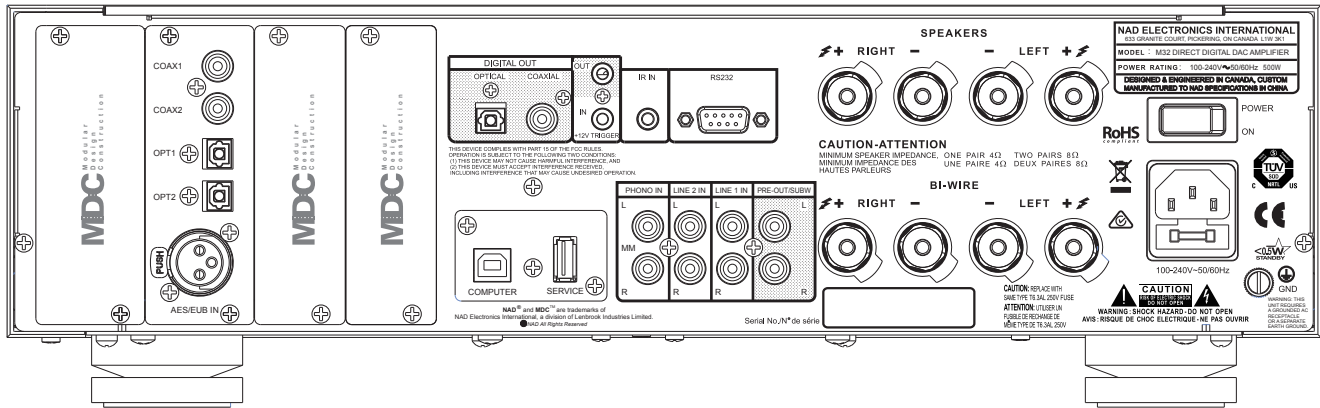
With the optional MDC BluOS module, you can centralise your digital music libraries and streaming services, and control playback from your smartphone or tablet. Network any BluOS-enabled product together through your home Wi-Fi connection to create multi-room music experiences.

## ADVANCED AMPLIFICATION TECHNOLOGY ▼

Advanced software-controlled algorithms result in the shortest signal path from source to speaker to produce virtually no distortion and a damping factor of over 1,000. This technology is among the fastest and most accurate amplification and error correction available.

## FEATURES & DETAILS

- ▶ DirectDigital™ amplification, combining all preamplification and power amplification functions into a single amplifying stage
- ▶ Four MDC slots with three for customisation and expandability, all are 24/192 capable
- ▶ MM Phono Input
- ▶ Single-ended Line Inputs
- ▶ Asynchronous USB 2.0 (24/192) Computer Input
- ▶ AES/EBU, Coax, and Optical 24/192 Inputs
- ▶ Subwoofer X-over with selectable Crossover Frequency and Levels
- ▶ Headphone Amplifier
- ▶ Two sets of Speaker Outputs for Bi-wiring
- ▶ Remote Control HTRM-2



## Specifications M32 ▾

### GENERAL SPECIFICATIONS

#### Line In, Speaker Out

Continuous Output Power into 8 Ohm and 4 Ohm		180W (ref. 20Hz - 20kHz at rated THD, both channels driven)
THD (20Hz - 20kHz)		0.005% (250mW to 180W, 8 Ohm and 4 Ohm)
Signal/Noise Ratio		>92dB (A-weighted, 500mV input, ref. 1W out in 8 ohms)
Clipping Power		>195W (at 1kHz, 0.1% THD)
IHF Dynamic Power	8 Ohm	220W
	4 Ohm	360W
	2 Ohm	400W
Peak Output Current		>30A (in 1 Ohm, 1ms)
Damping Factor		>160 (ref. 8 Ohms, 20Hz to 6.5kHz)
Frequency Response		±0.3dB (ref. 20Hz-96kHz at 192kHz)
Supports bit rate/sample rate		up to 24 bit/192kHz
Standby Power		<0.5W
Idle Power		40W

### DIGITAL INPUT (COAXIAL, OPTICAL, AES/EBU)

Input	Coaxial, Optical, AES/EBU
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### PREAMPLIFIER SPECIFICATIONS

#### Line Input, Pre Out

Input Impedance (R and C)	10kohms + 100pF
Maximum Input Signal	>4Vrms (ref. 0.1% THD)
Output Impedance	240 Ohms
Input Sensitivity	146mV (ref. 500mV out, Volume Maximum)
Maximum Voltage Output -IHF load	>2V (ref. 0.1% THD)
Tone Controls	Treble: ±10dB at 20kHz Bass: ±10dB at 60Hz Balance: -10dB

#### Phono Input, Pre Out

Input Sensitivity	2.38mV (ref. 500mV out, Volume Maximum)
Maximum Input Signal 1 kHz	>66mV rms (ref. 0.1% THD)

#### Line Input, Headphone Out

Output Impedance	0.5 Ohm
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### DIMENSIONS AND WEIGHT

Dimensions	435 x 133 x 396 mm (17 1/8 x 5 1/4 x 15 5/8")**
Net Weight	9.8kg (21.6lb)
Shipping Weight	18.5kg (40.8 lb)

\* Gross dimensions include feet, extended buttons and rear panel terminals. \*\* Non-metric measurements are approximate. NAD Electronics will not assume any liability for errors being made by retailers, custom installers, cabinet makers, or other end users based on information contained in this document. Note: Installers should allow a minimum clearance of 55mm for wire/cable management.



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