



C 356BEE Integrated Amplifier



Our new C 356BEE symbolises NAD's desire for continual improvement—even on an award-winning design. We have refined our amplifier performance and added more value to our C 356BEE design by applying knowledge gained from our top-of-the-line Masters Series M3 Amplifier. Able to drive the most complex loudspeakers to their full musical potential, the C 356BEE can challenge amplifiers costing two to three times more. With features like Preamp Out and Modular Design Construction, this amp can be customised to suit your specific requirements.

MDC Modular
Design
Construction



Features

> Legendary Technology

Our NAD PowerDrive circuit delivers very high dynamic power and low impedance drive to accurately control loudspeakers, resulting in musically detailed, coherent, and relaxed sound. PowerDrive offers the capability of an amplifier twice as powerful without the energy drainage. Our exclusive Soft Clipping feature protects speakers (and ears) from damaging clipping distortion.

> MDC Modular Design Construction

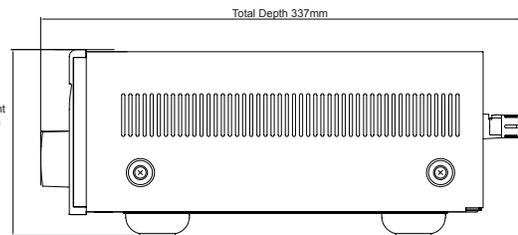
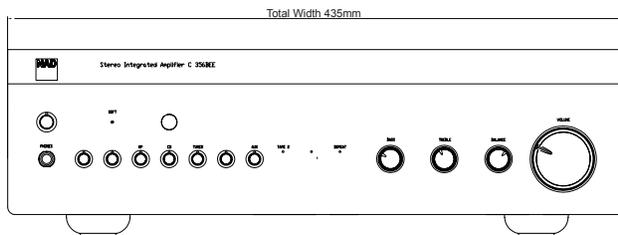
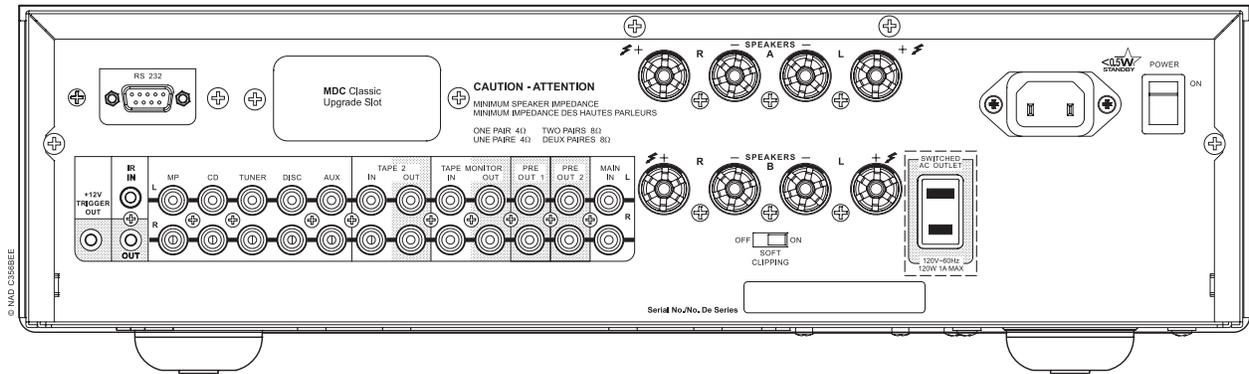
MDC innovations are being expanded in our Classic Series models with the C 356BEE. Upgrade and eco-friendly, MDC boosts the value of the C 356BEE by enhancing the capabilities of this amp. MDC allows you to add our optional PP 375 phono stage or future MDC Modules, as they are introduced.

>Real World Power

With 80W of continuous power (both channels) our C 356BEE has the lowest levels of distortion and noise available in its price class. We use the most demanding criterion for performance measurement—Full Disclosure Power—measuring distortion under the most extreme conditions of low impedance loads and frequency extremes, rather than the easy 1kHz @ 8 ohms test used by many of our competitors.

> Greener NAD

The C 356BEE offers <0.5W standby consumption and includes a convenient fully off 'vacation' switch. We make every effort to reduce our environmental impact by manufacturing the C 356BEE without heavy metals and other hazardous substances, and by using recycled and recyclable materials where possible.



Specifications

LINE IN, SPEAKER OUT	C 356BEE
Continuous output power into 8 Ω and 4 Ω (Stereo)	>80W (at rated THD, 20Hz-20kHz, both channels driven)
THD* 20Hz - 20kHz, CCIF IMD, SMPTE IMD, DIM 100	<0.009% (250mW to 80W, 8 Ω and 4 Ω)
Clipping Power	>90W (at 1kHz 0.1% THD)
IHF Dynamic Headroom	8 Ohms +2.6dB 4 Ohms +4.4dB
IHF Dynamic Power	8 Ohms 145W 4 Ohms 220W 2 Ohms 290W
Signal/Noise Ratio	>92dB (IHF; A-weighted, 500mV input, ref. 1W out in 8 Ω) >110dB (IHF; A-weighted, ref. 80W in 8 Ω, max. volume)
Frequency Response	±0.3dB (20Hz-20kHz, Tone Defeat ON) 10Hz - 65kHz (-3dB)
Channel Separation	1kHz >80dB 10kHz >68dB
POWER CONSUMPTION	
Standby Power	<0.5W
Idle Power	<40W
Rated Power	350W (230V AC 50Hz; 120V AC 60Hz)
DIMENSION AND WEIGHT	
Unit Dimensions (W x H x D) Gross**	435 x 130.86 x 337mm 17 1/8 x 5 3/16 x 13 5/16 inches***
Net Weight	8.7kg (19.2lbs***)
Shipping Weight	10.6kg (23.4lbs***)

* THD is the sum of all the harmonic components within the 80kHz measurement bandwidth and does not include noise.

** Gross dimensions include feet, 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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