



## C 546BEE CD Player



It's hard to mess with success. But following the superb performance of our 5-star rated C 545BEE, the C 546BEE CD Player steps it up to the next level. Every aspect of sonic performance has been refined and enhanced, thanks to an extensive update of the circuit layout and components. We've also given the C 546BEE a cosmetic makeover. Comparable to more costly CD players, this is the perfect companion to our C 356BEE Integrated Amplifier or any system in need of an upgrade. A new benchmark has been set.



### Features

#### > Musically Complete Audio

The C 546BEE features new circuitry and component choices that dramatically improve low frequency slam and extension, while maintaining pace and timing that you will surely appreciate. Image depth and scale are further enhanced while retaining timbral accuracy and lucid harmonic structure. The result is a musically complete and rewarding performance.

#### > More Music

The C 546BEE supports a wide range of program material, including CD, CD-R, CD-RW, and unlike older CD players, it will easily play discs encoded with MP3 and WMA compression. The C 546BEE also features a USB Input that supports external memory and audio rates up to 384kbps.

#### > Inside Beauty

We isolated the analogue and digital audio sections electrically by using separate power regulators to reduce interaction. The C 546BEE uses carefully selected components, including high quality OPA 2134 op-amps and a 24-bit high-resolution Wolfson digital-to-analogue converter chip for excellent low-level linearity and detail retrieving capabilities. We also carefully laid out the PCB tracks around the digital-to-analogue converter to help optimize the audio performance.

#### > User-friendly

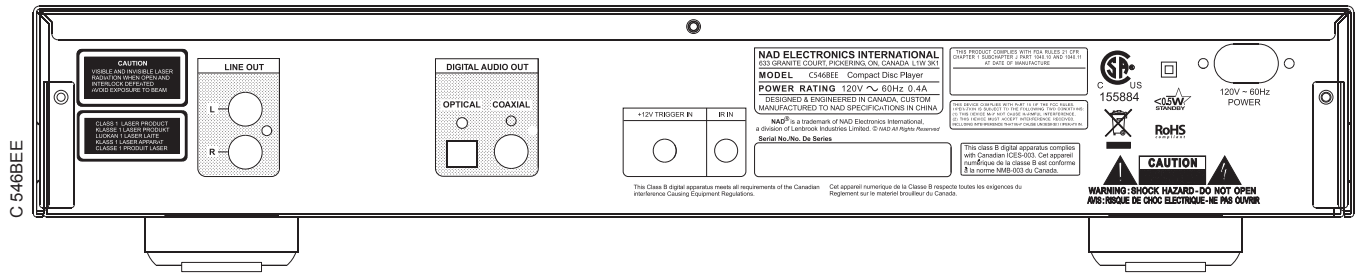
A number of thoughtful features promise to make the C 546BEE more enjoyable to use. 'RANDOM' randomly selects all tracks on the disc, and 'REPEAT' allows repeat playing of either the entire disc or individual tracks. Individual tracks can be quickly accessed using the SKIP function, and the SCAN function gives an aural précis of individual tracks.

#### > Digital Outputs

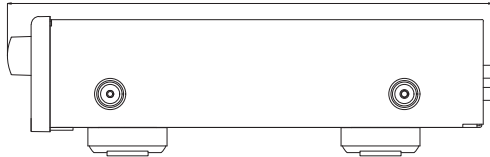
Not all digital outputs are created equal, so we've paid special attention to such details. The coaxial output is buffered and isolated by a 75 ohm matching transformer thus isolating the converter to ensure perfect matching. This reduces jitter that could otherwise distort the digital data stream. An optical Toslink output is also provided allowing connection to supported devices.

#### > Simplicity and Control

The C 546BEE comes supplied with an easy-to-use NAD CD-9 Full Function remote control, giving you direct and complete control of the C 546BEE from the comfort of your listening chair. The remote allows programming of up to 20 tracks, removal of tracks with a single click, and effortless navigation.

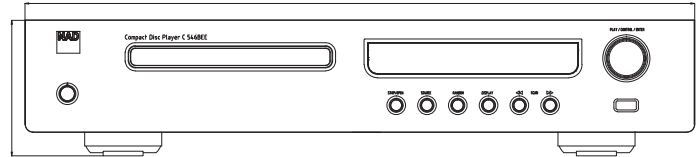


Total Depth 307mm



Total Width 435mm

Total Height 89mm



## Specifications

GENERAL		C 546BEE
Output Level	Analogue Optical Coaxial	2.2 ±0.1V -22.5 ±3.5dBm 650 ±150mV
Frequency Response		±0.3dB (ref. 0dB 20Hz - 1kHz) ±0.5dB (ref. 0dB 5kHz - 20kHz)
Total Harmonic Distortion		<0.01% (ref. 1kHz, Audio LPF)
Signal/Noise Ratio		118dB (ref. 1kHz, A-weighted LPF Stop, Pause)
Channel Balance		±0.5dB (ref. 0dB 1kHz)
Dynamic Range		95dB
Channel Separation		>90dB
De-emphasis		-3.73 to 5.33dB (ref. 0dB 1kHz, 5kHz) -8.04 to -10.04dB (ref. 0dB 1 kHz 16kHz)
Linearity		±0.01dB (ref. 0dB 1kHz at -3dB) ±0.02dB (ref. 0dB 1kHz at -6dB) ±0.02dB (ref. 0dB 1kHz at -10dB) ±0.05dB (ref. 0dB 1kHz at -20dB) ±0.15dB (ref. 0dB 1kHz at -60dB)
USB		
Frequency Response		±1dB (ref. 0dB 20Hz - 16kHz)
Total Harmonic Distortion		<0.03% (ref. 0dB 1kHz, Audio LPF)
POWER CONSUMPTION		
Standby Power		<0.5W (120V/230V)
Idle Power		9W
DIMENSION AND WEIGHT		
Unit Dimensions (WxHxD) - Gross*		435 x 89 x 306mm 17 1/8 x 3 9/16 x 12 1/16 inches**
Net Weight		4.9kg (10.8lb)
Shipping Weight		6.3kg (13.9lb)

\* 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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