

DNC260 / DNC260N



DNC260 / DNC260N

Digital System Controller

- Two balanced inputs and six balanced outputs
- High quality 96 kHz audio processing
- Easy to use

Key Features

The Coda Audio DNC260 System Controller is a high performance, easy to use signal processor containing presets for all Coda Audio loudspeaker systems. The DNC260 provides generous amounts of signal processing capability and is complemented by a highly flexible parameter arrangement ideally suited to touring and installation applications.

The DNC260 may be controlled just as comprehensively from its front panel, or by using the C-Net software application. C-Net software can operate a single DNC260, or can optionally control a multi-km network of products using the optional C-NET network (DNC260N).

TECHNICAL SPECIFICATIONS DNC260 / DNC260N	
Input impedance:	10 Ohm balanced
Output Imp:	100 R Gnd balanced
Max Input level:	+20 dBu
Max Output level:	+20 dBu into 600 R
Sample rate:	96 kHz
Frequency Response:	20 Hz - 20 kHz + / - 0.5 dB
	10Hz - 40 kHz + / - 3 dB
Dynamic range:	112 dB (A weighted, 22 kHz bandwidth)
THD (20Hz-20 Hz):	0.008% Typ Connectors
Audio Inputs:	3 pin female XLR
Audio Outputs:	3 pin male XLR
Serial comms:	RS232 port via 9 pin female D
Network comms:	only DNC260N
Mains:	3 pin IEC
Mains Power:	Universal switch-mode PSU, 85 V to 250 A AC, 50 / 60 Hz
Power consumption:	25 W max
Dimensions:	482 x 44 x 185 mm
	19" x 1.8" x 7.3"
Weight:	2.7 kg net
Options:	Network card (included in DNC260N)

- Factory presets for all Coda Audio Systems
- Customer presets
- PC control
- C-NET networking option

Sonic Purity

The DNC260 uses 96Hz sampling rate, Burr-Brown analogue-to-digital converter, Wolfson multi-bit digital-to-analogue converter, and a powerful generation Sharc Digital signal Processor. All this adds up to deliver the ultimate in sonic transparency and a stunning open natural sound quality.

Factory Presets

The DNC260 has complementary preset library for all Coda Audio loudspeaker systems. Presets are stored permanently.

User Presets

The user cannot access or overwrite the factory presets but can effectively overlay the factory settings using master EQs to match different acoustic environments or apply delay for time alignment or change gains to create and save their own variants.

PARAMETER RANGES	
Input Gain	-80 to +20dB
Input Delay	0 to 405ms
Input HPF Freq.	20Hz to 25 Hz
Input HPF shapes	1st order, Bes12, But12, LR12, Bes18, But18, Bes24, But24, LR24, Hardman4th
Output Gain	-80 to +20dB
Output Polarity	Norm, Invert
Output Delay	0 to 80ms
Para EQ Freq	10Hz to 25 Hz
Para EQ Width	0.1 to 5.2 Oct Q 0.2 to 14.2
Para EQ Gain	-15 to +15dB
Para EQ Slope	6 to 12dB
Shelf EQ Freq	10Hz to 25 Hz
Shelf EQ Gain	-15 to +15dB