



DCX2496 active output mod by

Linear Audio

Spec Sheet – 6/8 channel remote volume/balance control for DCX2496

Output channels:	6 XLR for the 6 DCX2496 outputs (can be used with balanced or unbalanced power amp inputs)
Input channels:	1 XLR for the digital S/PDIF / AES-EBU input 2 XLR for the DCX2496 A and B analog inputs (balanced or single ended)
Volume range:	Output channels: -60dB to +6dB Input channels: -40dB to +10dB
Channel Offset:	Woofers and tweeter channels can be increased or decreased in level wrt mid channel to compensate for driver and power amp differences in sensitivity.
THD+Noise:	-112dB (0.00026%)
Dynamic Range:	127dB
Interchannel Crosstalk:	better than -120dB
Channel tracking:	Better than 0.5dB
Level switching:	Zero-crossing switching (switches at zero signal to prevent clicks)
Balance range:	+/- 40dB. Balance keeps channel offset intact
Step size:	1dB for volume, 0.5dB for balance
Factory default setting:	-25dB output, -20dB input
Max output level:	5VRMS, Output impedance 133 ohms (allows high-capacitance interconnects)
Remote Control functions:	Overall level; Woofers, tweeter channel offset; Overall balance (not on input channels) Analog input level; System MUTE System On/Off-Standby Save settings in one of three 'profiles' Reload settings from saved profile; Restore settings to factory default.
Display functions:	L-R level; Woofers, tweeter offset; Balance; MUTE status; On/Off-Standby status; Analog input level; Save/restore selection.

Questions, comments, bugs: please let me know at jan@linearaudio.nl