



DCX2496 Linear Power Supply mod by

Linear Audio

Spec Sheet – Linear Power Supply for the DCX2496

Input:	12VAC 20VA into the box through wall-wart
Outputs:	+15V low dropout, analog supply @ 150mA -15V low dropout, analog supply @ 150mA +8.1V ultra-low dropout, pre-regulated @ 350mA +5V digital supply @ 700mA ¹ +3.3V digital supply @ 300mA
Noise & EMI filtering:	Mains noise suppression filter at secondary of input wall-wart Separate custom transformer for analog supplies provides additional mains noise isolation Fast but soft turn-off rectifiers prevent rectifier switching noise and obviate need for noise-conducting snubbers
Fuse:	Miniature fuse rating 2.15A slow
Size/Mounting:	Mounts on existing holes from stock Switched-Mode supply.

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

¹ This includes 200 mA for the displays in the Linear Audio [6-channel DCX output level control mod.](#)