

DCX2496 Linear Power Supply mod by



<u>Spec Sheet – Linear Power Supply for the DCX2496</u>

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 @ 700mA¹ +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.