

StudioHub+ PS-CUBE 4-Channel "DC-Link" Power Inserter

General

The PS-CUBE is a 4-channel device, which inserts StudioHub+ "DC-Link" power (+/- 15v), and applies it to CAT-5 Pins 7&8 per the StudioHub+ standard.

All other CAT-5 leads are kept separated so that no audio will intermix between the four channels.

Power supply connectors are provided in parallel to allow the DC to be inserted from various model StudioHub+ power supplies, and then looped through to other cubes or tandem power devices.

Each channel is individually fused for a maximum of ½ amp current. Thermal fuses are self resetting, once the excess load is removed.

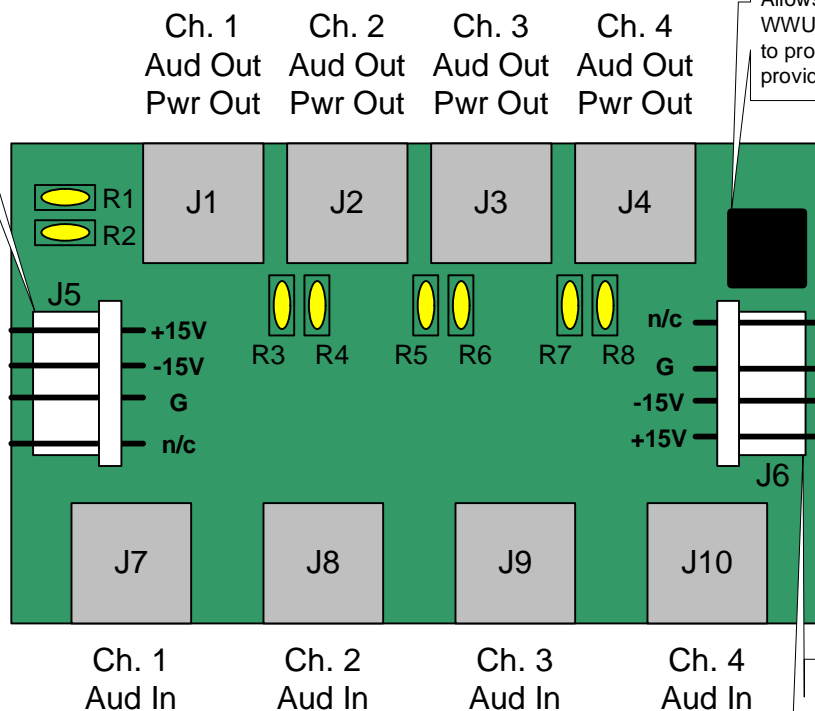
StudioHub+ Pin Outs

Channel	Color Pair	RJ-45 Pin	110 Pin
L+ / AES +	Wht/Org	1	3
L- / AES -	Org/Wht	2	4
R+	Wht/Grn	3	5
R-	Grn/Wht	6	6
nc	Wht/Blu	5	1
GND	Blu/Wht	4	2
15V-	Wht/Brn	7	7
15V+	Brn/Wht	8	8
Shield	Wht/Slit	Shield	9
Shield	Slit/Wht	Shield	10

Loop-Thru Power Connector.

Power supply cable P/N 11516 (1 ft.) required. Contact the factory to acquire at no charge if needed.

Power Supply
+/-15v
In (or) Out



PS-WW Cube Power Connector.

Allows P/N PS-WWCube or PS-WWUCube desk-top power supply to provide power. Max power provided 400 ma.

Power Supply
+/-15v
In (or)Out

PS-EXTU Power Connector.

Allows P/N PS-EXTU wall-top power supply to provide power. Max power provided 3 amps.

Note:

Power is added to audio connections and available on the 4 output RJ-45's (J1-J4).

Channels are independent and isolated. No intermixing of audio will occur.