StudioHub+ Model HUB16 and HUB8
Engineered for StudioHub+ and High-Speed Ethernet Connectivity

Model HUB16 pictured
Also available as ½ hub 8 channel - model Hub8

Product Key	
Name	HUB16 / HUB8
Mount	Hub (3 r.u.)
Channels	16 / 8
CAT-5 Pairs	4 (all)
Power Link	yes
Connectors	2 RJ-45 & 110
Versions	Full Hub/Half Hub/Board Only

General
Each of 16 (or 8 if ordered in the ½ Hub model) Hub channels consists of an RJ-45 input connector in parallel with an output RJ-45 connector and a 110-style punch connector. Each channel carries a stereo balanced audio pair, or balanced digital audio signal, and an optional +/- 15 DC voltage. Equipment cabling may also be 'punched down' to the inline 110 connector.
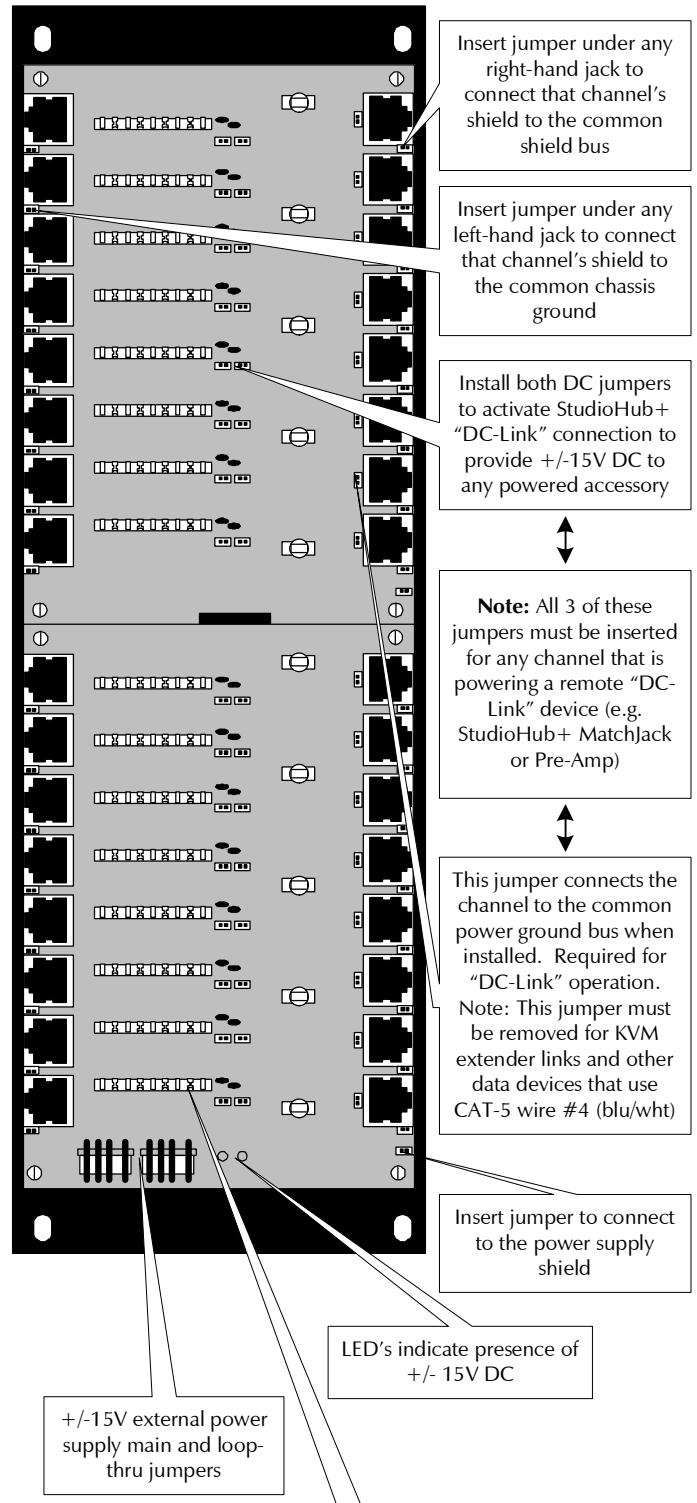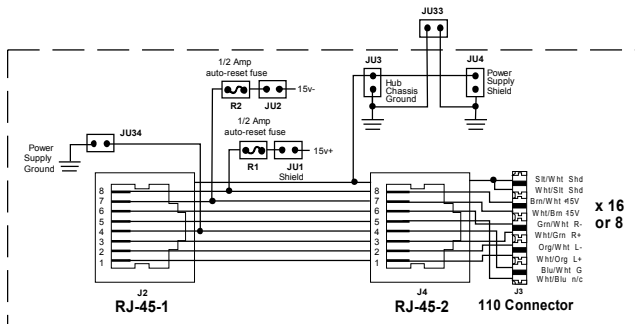
DC Power
If using any StudioHub+ "DC-Link" accessories, plug a StudioHub +/- 15 volt power supply into the power supply connector. Both Hub LED's will illuminate. Insert both power jumpers and the DC ground jumper on only the circuits that utilize a powered accessory (e.g. MatchJack, mic preamp, etc.).

Grounding Information
Cable and connector shields are contiguous from each individual hub channel (input to output) but are normally isolated from other channels.

To use the hub as a common ground point, insert the jumper below each left-hand RJ-45 that you want common to the chassis ground. If you have a StudioHub+ 15V power supply connected to the hub, and JU-33 is jumpered, chassis ground, electrical ground, and shield are common.

Insert jumper under any right-hand jack to connect that channel's shield to the common shield bus

Insert jumper under any left-hand jack to connect that channel's shield to the common chassis ground

Install both DC jumpers to activate StudioHub+ "DC-Link" connection to provide +/-15V DC to any powered accessory

Note: All 3 of these jumpers must be inserted for any channel that is powering a remote "DC-Link" device (e.g. StudioHub+ MatchJack or Pre-Amp)

This jumper connects the channel to the common power ground bus when installed. Required for "DC-Link" operation. Note: This jumper must be removed for KVM extender links and other data devices that use CAT-5 wire #4 (blu/wht)

Insert jumper to connect to the power supply shield

LED's indicate presence of +/- 15V DC

+/-15V external power supply main and loop-thru jumpers

10 pin 110-style connector provides access to all 4 CAT-5 pairs and cable shield

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