

For Assy:
HUB18
Rev: 11/15/05

StudioHub+ Model HUB18

Engineered for Break-Out Harnesses

Product Key	
Name	HUB18
Mount	Hub (3 R.U)
Channels	18
CAT-5 Pairs	2 (pins - 1,2,3&6)
Power Link	yes
Connectors	Mini-amp & RJ-45
Versions	Full Hub

General

Each of 18 Hub channels consists of two 2-pin mini-Amp input connector in parallel with an RJ-45 connector and 100-style punch-down connector. Each channel carries a stereo balanced audio pair, or balanced digital audio signal. Custom length and configuration harness cables must be factory ordered to interconnect the Hub to various consoles, audio routers and engines or multi-channel Digital Audio Workstations.

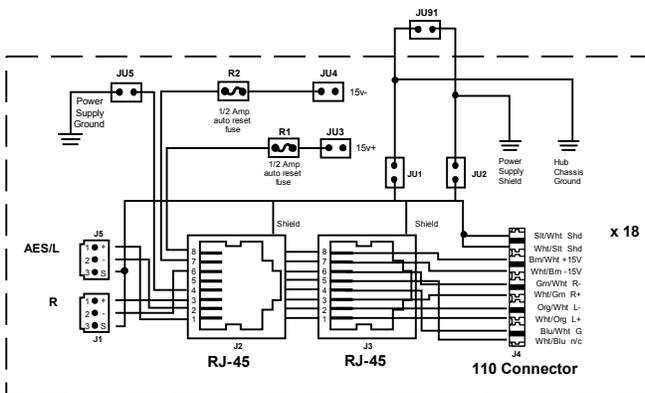
DC Power

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 ground jumper only on only the circuits that utilize a powered accessory (e.g. MatchJack, mic preamp, etc.).

Grounding Information

RJ-45 connector shields may be isolated from each other or optionally connected to each other or to the hub chassis by inserting jumper by each connector.

To use the hub as a common ground point, insert a jumper above any left-hand RJ-45 for any channel that you want to be in common with the chassis ground. If you have a StudioHub+ 15V power supply connected to the hub, to connect a channel to the power supply shield, insert a jumper above any right-hand RJ-45 of that channel.



Insert a jumper above any left-hand RJ-45 to connect that channel to the common Hub chassis ground boss

Insert a jumper above any right-hand RJ-45 to connect that channel to the power supply shield

Upper and lower 2-pin mini-amp connectors wire to source gear audio I/O via certain harness cables

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

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)

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

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

Insert jumper JU91 to connect the chassis ground to the power supply shield