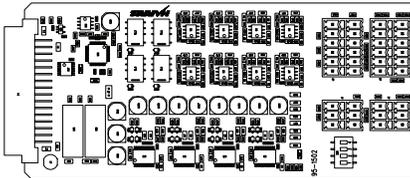




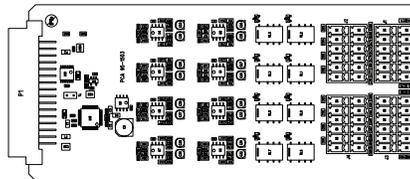
OASIS AUDIO INPUT CARDS (MIC PREAMP, ANALOG, AES DIGITAL, USB)

Quick Setup Guide

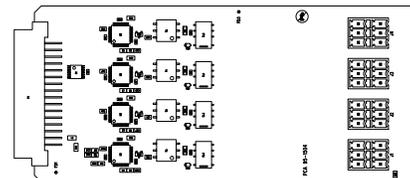
OASIS AUDIO INPUT CARDS



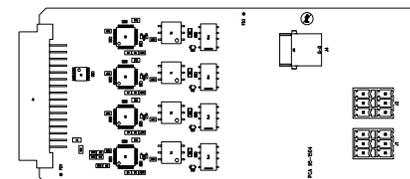
Mic Preamp (PRE99-1502)



Analog (PRE99-1503)



AES Digital (PRE99-1504)



USB & AES (PRE99-1505)

OVERVIEW

Oasis consoles use separate audio input cards for each A and B input on each set of four faders. Hence, the Oasis-08 has two audio card slots: the right-most slot (rear view, shown below) holds the audio card for fader channels 1 - 4. The other audio card slot is for fader channels 5 - 8. The Oasis-12 adds a third audio card slot for fader channels 9 - 12. Adjacent to each audio input card slot is a narrower slot for a Logic I/O card to support those four fader channels.

Each audio input card has eight audio inputs. These eight inputs are assigned, using the OCC app, as either the A or B source for the four fader channels connected to that card. The OCC app is also where input gain trim, room muting, and other input signal parameters get set.

Refer to the Oasis User Manual (customer doc 75-58) for details on using the OCC app and the various console configuration settings that are available; information on connecting unbalanced devices; audio card specifications; and audio card service information.

CARD SETUP SWITCHES

The Mic Preamp is the only card with user setup switches. Four switches (1 - 4) on this card apply phantom power (+48 VDC) individually to each Mic Input (1 - 4). To power a condenser mic, set that input's switch to On. For a dynamic mic, set that input's switch to Off.

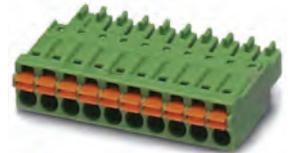
CARD INSTALLATION

Insert an audio input card into each audio card slot. The cards are hot-swappable, so power can be applied to the console while plugging or unplugging a card. Typically, a Mic Preamp card is used with faders 1 - 4, while an Analog, AES, or USB card is inserted into the other audio slots. Once the card is inserted, fasten the card in place using the #2 Phillips screw included in the card installation kit, which also includes the mating Combicon plugs for that card.

CARD CONNECTIONS

3-wire Combicon plugs are used for both mic-level and AES signals. 6-wire Combicon plugs are used for all line-level analog wiring. Wiring orientation is shown below, left.

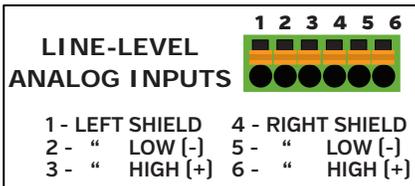
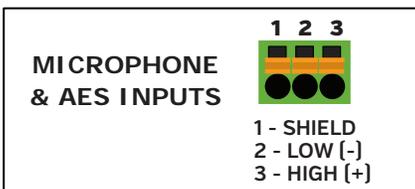
AUDIO & LOGIC COMBICON PLUGS: SOLDERLESS, NO CRIMP CONNECTIONS



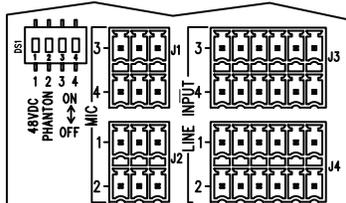
Audio inputs are designed for balanced audio signals. Individual wires connect to the console in the green Combicon plugs included in the installation kit that comes with each card. Solid or stranded wiring, from 24 to 16 AWG (0.2 - 1.5 mm²), can be inserted into the Combicon connectors. Strip the cable jacket back about 1.5" (37 mm) and strip each individual wire back about 3/8" (10 mm).

To attach the wire to the plug, press the orange tab (a "greenie" screwdriver works well); insert the wire into the round hole; release the tab to lock the wire into the plug. It is easier to wire the plugs first and then plug them in, but they can be plugged in first and wired in place.

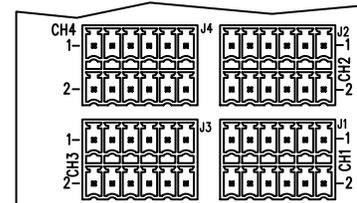
The Mic Preamp card has four mic-level inputs (1 - 4) and four line-level inputs (1 - 4). The Analog card has two line-level inputs for each fader channel. These are labeled as inputs 1 and 2 on channels 1 - 4. The AES Digital card has eight AES digital inputs labeled as Inputs 1 and 2 on AES 1 - 4. The USB/AES card has a square USB Host connector that carries four stereo audio signals, typically from an automation system. There are also four AES inputs on the card. The USB and AES inputs are independently assignable as the A or B source for each channel.



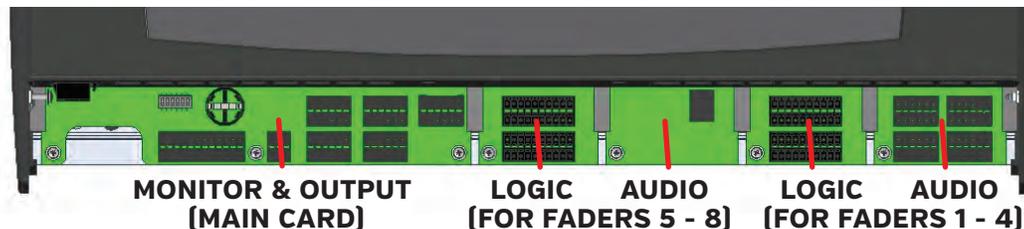
MIC PREAMP CARD Connector Detail



ANALOG CARD Connector Detail



OASIS PLUG-IN CARD ORIENTATION



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