

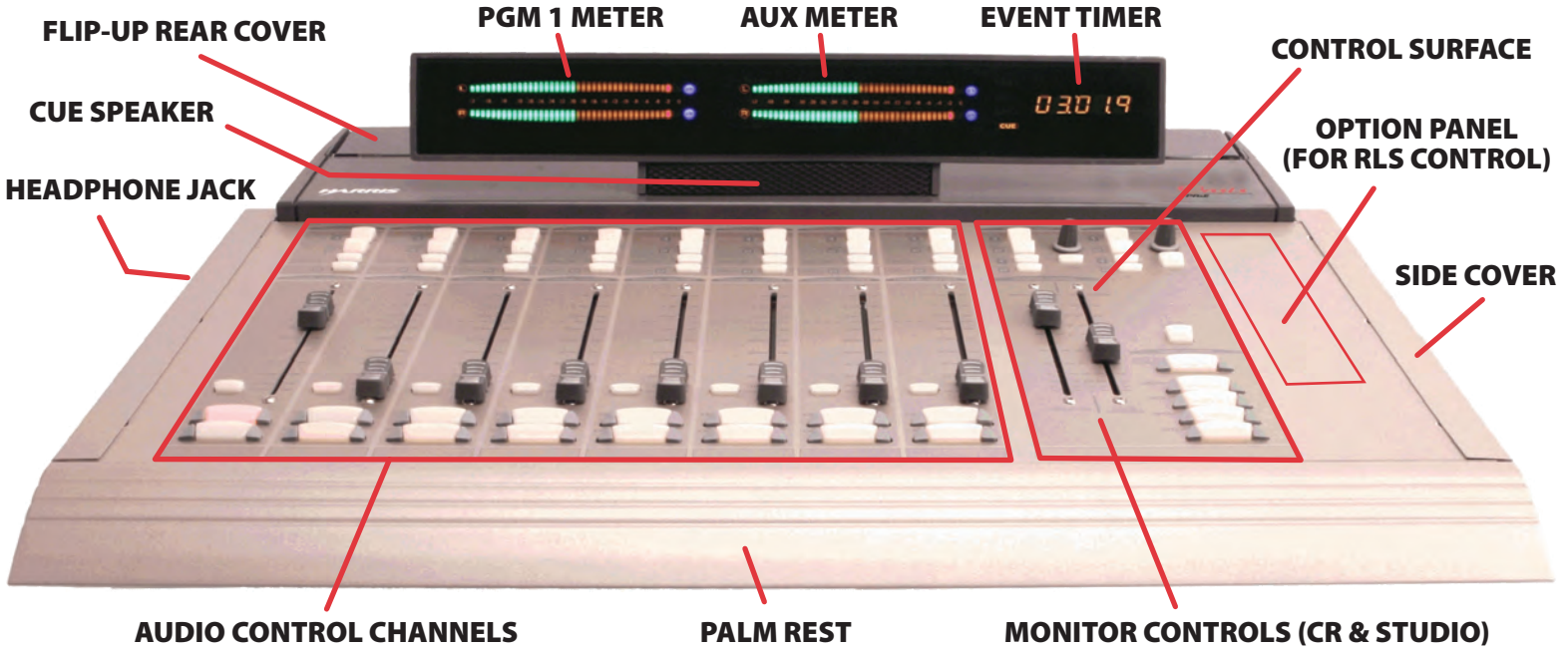


BROADCAST CONSOLE

Quick Guide

OASIS-08: PRE99-1500-08
OASIS-08 Analog: PRE99-1500-08A
OASIS-12: PRE99-1500-12
OASIS-12 Analog: PRE99-1500-12A

OASIS-08 PART IDENTIFICATION (OASIS-12 HAS FOUR MORE FADER CHANNELS)



BOARD OPERATOR CONTROLS

ASSIGN CHANNEL FADER TO:

- PGM 1
- PGM 2
- OFFLINE

INPUT SOURCE SELECT

(A=UNLIT, B = LIT)

CHANNEL FADER NOMINAL POSITION (-12 dB)

CHANNEL FADER

CUE ON, OFF

CHANNEL ON

CHANNEL OFF

SPACE FOR A/B SOURCE NAMES LABEL

CONTROL ROOM MONITOR SOURCE SELECT

CUE LEVEL

AUTO CUE (CUE TO HEADPHONES) ON/OFF

STUDIO MONITOR SOURCE SELECT

STUDIO MONITOR LEVEL

TALK TO STUDIO

CONTROL ROOM MONITOR LEVEL

BOARD OPERATOR HEADPHONE LEVEL

AUX METER SOURCE SELECT

EVENT TIMER CONTROL

DEFAULT CONSOLE SETTINGS

Oasis consoles ship with a default configuration in memory. The Oasis Control Center app is used to customize these default settings for your specific application.

MIC Inputs = Set as Control Room mics (mutes the CR Monitor output, when On and assigned to PGM 1 or 2)

LINE Inputs = Stereo inputs, with no monitor muting

LOGIC I-O = Assigned to the A source on each fader channel

TELCO 1 = Line In 2, of Channel 7 (Oasis-08) or 11 (Oasis-12)

TELCO 2 = Line In 2, of Channel 8 (Oasis-08) or 12 (Oasis-12)

CHANNEL 1: Input A = Mic 1; Input B = Line 1
CHANNEL 2: Input A = Mic 2; Input B = Line 2
CHANNEL 3: Input A = Line 3; Input B = Mic 3
CHANNEL 4: Input A = Line 4; Input B = Mic 4
CHANNELS 5 - 12: Input A = Line In 1; Input B = Line In 2

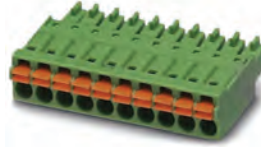
CR OUTPUT 1 = CR Monitor output
CR OUTPUT 2 = Host Headphone output

ST OUTPUT 1 = Studio Monitor output
ST OUTPUT 2 = Host Headphone output

AutoCue = Split Cue (PGM in one ear, Cue in the other)
Telco AutoFoldback = Off.
Offline bus = Pre-fader.
Main USB = Input is unassigned; Output is Telco Record
PGM digital outputs = 44.1 kHz sample rate

COMBICON PLUGS

SOLDERLESS, NO CRIMP, AUDIO & LOGIC CONNECTIONS



Audio & logic wiring plugs into the Oasis console using Phoenix Combicon plugs. Wiring from 24 to 16 AWG (0.2 - 1.5 mm²) can be used with these plugs.

Four types of Combicon plugs are used on the Oasis console:

- 3-terminal (AES digital audio & microphone inputs)
- 6-terminal (analog audio)
- 10-terminal (fader channel logic)
- 12-terminal (CR & Studio logic)

The Combicon plugs for the Oasis Main card are supplied in the console installation kit. The Audio and Logic cards are typically packaged separately, along with their Combicon plugs and a Quick Guide to their installation.

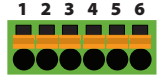
INPUT CONNECTORS

MICROPHONE INPUTS & AES DIGITAL AUDIO SIGNALS



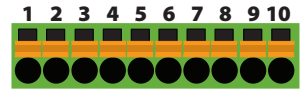
- 1 - SHIELD
- 2 - LOW (-)
- 3 - HIGH (+)

LINE-LEVEL STEREO ANALOG INPUTS



- 1 - LEFT SHIELD
- 2 - " LOW (-)
- 3 - " HIGH (+)
- 4 - RIGHT SHIELD
- 5 - " LOW (-)
- 6 - " HIGH (+)

FADER CHANNEL LOGIC



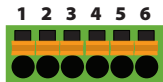
- 1 - INPUT ENABLE (+5 TO +30 VDC)
- 2 - CHANNEL ON (ACTIVE LOW)
- 3 - CHANNEL OFF (ACTIVE LOW)
- 4 - COUGH / READY (ACTIVE LOW)
- 5 - TALK / CUE (ACTIVE LOW)
- 6 - OUTPUT TALLY / PULSE COMMON
- 7 - ON TALLY / START PULSE
- 8 - OFF TALLY / STOP PULSE
- 9 - LOGIC GROUND
- 10 - +5 VOLTS (250 mA MAX)

MAIN CARD CONNECTORS

CAUTION! ALL OASIS OUTPUTS ARE ACTIVE. DO NOT CONNECT ANY HIGH (+) OR LOW (-) OUTPUT TO GROUND. USE ONLY HIGH (+) AND SHIELD TO CONNECT TO UNBALANCED DEVICES. LEAVE LOW (-) UNCONNECTED.

TELCO 1 & TELCO 2 MIX-MINUS OUTPUTS

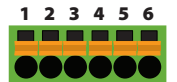
The two Mix-Minus outputs (MM-1 & MM-2) are also known as IFB or Telco returns with talk. These go to the "To Network" input of the Telco or other 4-wire device. This audio is always minus the caller or remote site's audio. The Mix-Minus audio bus is identified on the Telco 1 & 2 channel faders by the "winking" bus button (PGM 1, PGM 2, or Offline).



- 1 - TELCO 1 SHIELD
- 2 - " LOW (-)
- 3 - " HIGH (+)
- 4 - TELCO 2 SHIELD
- 5 - " LOW (-)
- 6 - " HIGH (+)

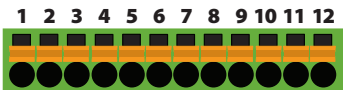
CONTROL ROOM (CR) & STUDIO (ST) MONITOR OUTPUTS

There are two Control Room & two Studio Monitor outputs (CR Out 1 & 2, ST Out 1 & 2). Either output can be set as: the Monitor Speaker output; the Host H/P output; or the Guest H/P output in the Oasis Control Center app. The monitor outputs mute with an active CR or Studio mic. The Host H/P output receives talkback. The Guest H/P output does not hear talkback.



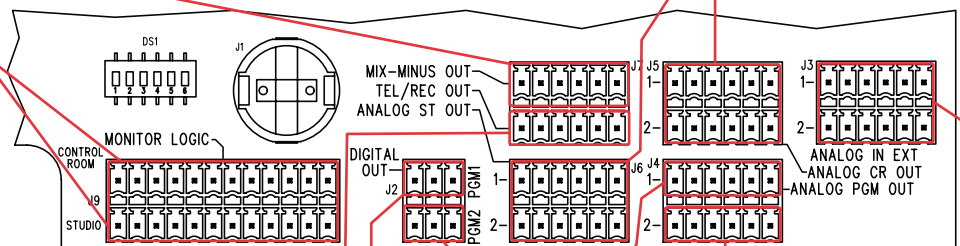
- 1 - LEFT SHIELD
- 2 - " LOW (-)
- 3 - " HIGH (+)
- 4 - RIGHT SHIELD
- 5 - " LOW (-)
- 6 - " HIGH (+)

CONTROL ROOM (CR) & STUDIO (ST) MONITOR LOGIC

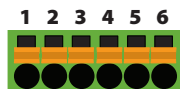


- 1 - DIM ROOM (ACTIVE LOW)
- 2 - MUTE ROOM (ACTIVE LOW)
- 3 - DIM & MUTE, INPUT ENABLE (JUMPER TO +5)
- 4 - +5 VOLTS (250 mA max)
- 5 - GROUND
- 6 - WARNING RELAY (DRY CONTACT)
- 7 - WARNING RELAY (DRY CONTACT)
- 8 - ROOM MUTE RELAY (DRY CONTACT)
- 9 - ROOM MUTE RELAY (DRY CONTACT)
- 10 - CR = +5 VOLTS STUDIO = FADER * (TOP)
- 11 - CR = GND STUDIO = " (BOTTOM)
- 12 - CR = NC STUDIO = " (WIPER)

OASIS MAIN CARD (PARTIAL VIEW)



TELCO RECORD OUTPUT



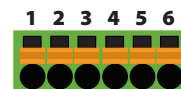
- 1 - TALENT SHIELD
- 2 - " LOW (-)
- 3 - " HIGH (+)
- 4 - TELCOS SHIELD
- 5 - " LOW (-)
- 6 - " HIGH (+)

PGM 1 & PGM 2 AES OUTPUTS



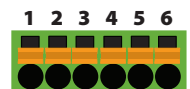
- 1 - SHIELD
- 2 - LOW (-)
- 3 - HIGH (+)

PGM 1 & PGM 2 OUTPUTS



- 1 - LEFT SHIELD
- 2 - " LOW (-)
- 3 - " HIGH (+)
- 4 - RIGHT SHIELD
- 5 - " LOW (-)
- 6 - " HIGH (+)

EXT MON 1 & 2 STEREO INPUTS



- 1 - LEFT SHIELD
- 2 - " LOW (-)
- 3 - " HIGH (+)
- 4 - RIGHT SHIELD
- 5 - " LOW (-)
- 6 - " HIGH (+)

*To use a studio-mounted Monitor volume control, checkmark "Enable Remote Studio Monitor Fader" in the Oasis Control Center app. The control surface Studio Monitor pot is then disabled and this fader controls the level.