Part of the Harris® PR&E® portfolio, Oasis™ is a high-value standalone audio console for on-air and radio production applications. Simply connect microphones, source equipment and audio monitors—even a PC automation channel (no sound card required)—directly into the Oasis console and be on the air.

Designed with next-generation studio demands in mind, Oasis allows facilities to cost-effectively and easily migrate from analog to digital whenever they’re ready. In addition to capabilities for all necessary audio and logic components, Oasis provides both analog and digital outputs that enable facilities to connect to modern STLs and studio infrastructures.

Oasis Value

- Reduced desktop real estate with big performance
- Integration with automation enhanced via USB option (single stereo playout and record standard)
- Enhanced PR&E telco operation, eliminating need for dedicated bus assignments
- Solid PR&E appearance and quality
- One of the most cost-effective solutions in the industry
- Free dual phone/telco capability (for a limited time!)

FEATURES

- 8- and 12-channel chassis
- Standalone console reliability
- Two program buses
- Two optional telco faders
- Two external monitor inputs
- Four microphone preamps, standard
- Truly comprehensive channel logic, standard
- Studio monitor and headphone outputs standard
- Optional remote studio monitor level control
- Talkback to studio
- Control room and studio logic standard
- Built-in cue speaker
- Automatic event timer
- A and B inputs per fader
- Balanced analog inputs: also switchable to consumer level
- No special tools for audio or logic connections
- USB interface including playout and record
- Analog and digital outputs
- Switchable metering (program two, ext1, ext2, cue)
- Low-profile table-top mount
- Hot-swapable modular input cards
- Built-in headphone amplifier
- Optional 8x1 advanced RLS
- PR&E telco split bus for recording
- PR&E autocue in headphones for advanced monitoring needs
- PR&E advanced telco functionality options

PRODUCT DETAILS

Options and Installation

The Oasis audio console is available in two sizes: 8-fader channels and 12-fader channels.

Oasis has two basic input options—a balanced analog A/B input card and a microphone line A/B input card. Each hot-swappable card represents eight total inputs available to the four corresponding faders.

The console provides all the monitoring outputs needed, including monitor and headphones for control room and studio. It even offers a remote level control option for the studio monitors, along with a direct “talk to studio” interface from the console.

Oasis features two meters, the second of which is switchable. It also displays an event timer with the controls necessary to track all show elements.

In addition to the host of standard Oasis features, an optional 8x1 RLS module is also available as an option for input expansion. The control for this remote line selector is offered in a convenient console drop-in panel.

Easy Connections

Phoenix Conbicon connectors allow for rapid and easy wiring without the need for any special crimper or tools.

SPECIFICATIONS

Specifications and designs are subject to change without notice.

Analog Line Inputs (all inputs and outputs are +4 dBu, balanced)

- Input Impedance: >40 k ohms, balanced
- Nominal Input Level: +4 dBu
- Maximum Input Level: +24 dBu

Analog Line Outputs (all inputs and outputs are +4 dBu, balanced)

- Output Source Impedance: <3 ohms balanced
- Output Load Impedance: 1 k ohms minimum
- Nominal Output Level: +4 dBu
- Maximum Output Level: +24 dBu

Conversions

- A/D 24-bit, Delta-Sigma, 128x oversampling
- D/A 24-bit, Delta-Sigma, 128x oversampling

Latency: <1.6 ms, analog input to analog output

Digital Outputs

- AES-3 Output Compliance: 24-bit
- Output Sample Rate: 44.1 kHz, system referenced
- Processing Resolution: 24-bit

Logic GPIO

- Logic Inputs: Opto-isolated, floating or referenced to internal +5 VDC via DIP switch
- Logic Outputs: Opto-isolated, floating or referenced to internal ground via DIP switch. Outputs are independently configured for pulse or continuous, open or closed operation
### Audio Frequency Response
Analog Input to Analog Output: +0 dB/-0.5 dB, 20 Hz to 20 kHz

### Audio Dynamic Range (referenced to FSD)
Analog Input to Analog Output: 103 dB, 106 dB “A” weighted
Analog Input to Digital Output: 107 dB

### Audio Total Harmonic Distortion + Noise
Analog Input to Analog Output: <0.005%, 20 Hz to 20 kHz, +18 dBu input, +18 dBu output

### Audio Crosstalk Isolation
Adjacent Analog Inputs or Outputs: >95 dB, 20 Hz to 20 kHz

### Physical
<table>
<thead>
<tr>
<th>Dimensions (H x W x D)</th>
<th>Oasis-08: 5.49 x 22.0 x 17.25 in.</th>
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<td>Oasis-12: 5.49 x 28.4 x 17.25 in.</td>
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### Power Supply
- **Type**: External, ‘line lump’ style, plug-in power supply
- **Input voltage**: 100 to 240 VAC, 50/60 Hz
- **AC input**: Detachable IEC cord with C5 (Mickey Mouse) connector
- **Output voltage**: +12 VDC
- **Power Requirements**: <100 W at 120 VAC/60 Hz

### Test Conditions
- **FSD = Full Scale Digital, +24 dBu**
- **Analog outputs measured with >1 k ohm load**
- **Total Harmonic Distortion (THD+N) is measured at +18 dBu, using a 1 kHz or a swept signal with a 22 kHz low pass filter**
- **0 dBu corresponds to 0.775 volts RMS — regardless of the circuit impedance, which is equal to 0 dBm, as measured on a 600 ohm circuit**
- **Noise specs use a 22 kHz measurement bandwidth. Using a 30 kHz bandwidth will increase the noise measurement by 1.7 dB**