CONNECT SERIES
HALF-RACK Quick Start Guide

The **CONNECT SERIES** Half-Rack is a 1U mountable smart amplifier for use in professional AV integration projects.

It is made to mount directly into a standard AV rack, right out of the box. Additionally, you can rotate the rack ears 90 degrees either direction to mount the amplifier to walls, tables, and other surfaces.

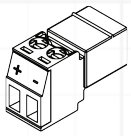
Ensure your AC power source delivers 100-240VAC +/- 15% 50/60Hz before installing.

Downloads

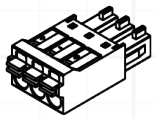
For full product details and specs, download the manual at the URL below or scan the QR code.

www.leaprofessional.com/downloads

In The Box

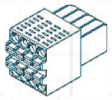


2-Position Amphenol Anytek Output Connector
Qty 1 (per output channel)
LEA Part #: CPP10008-1

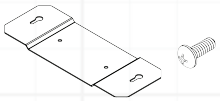


3-Position Amphenol Anytek Input Connector
Qty 1 (per output channel)
LEA Part #: CSP10006-1

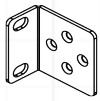
Standard IEC Power Cord
Qty 1
LEA Part #: MOS10013-1



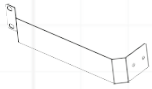
8-Pin I/O Input Connector
Qty 1
LEA Part #: CSP10004-1



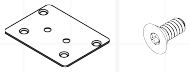
Wall/Behind TV Mount
Qty 1
LEA Part #: MFM10035-1
Pan Screws [2] MSI10009-1



Detachable Rack Ears
Qty 2
LEA Part #: MFM1002-1



19" Rack Mount Hardware
Qty 1
LEA Part #: MFM10033-1



1/2 Rack Blank Plate
Qty 1
LEA Part #: MFM10034-1
Flat Screws [4] MSI10002-1

Feet
Qty 4
LEA Part #: MOS10029-1
Pan Screws [4] MSI10011-1

Front Panel Overview

Shark Fin LED

Green Fin
AC plugged in
Unit powered off
Via Remote On/Off
GPIO pin

Blue Fin
AC plugged in
Unit powered on

Channel Status Indicators

Channel Fault - If LEDs are pulsing red (1 second on, 1 second off) channel has shut down due to protected circuits.
Channel Thermal - If LEDs are alternating between amber and red channel is at or close to over temp.
Channel Clip - A red LED indicates a clipping signal, an amber LED indicates channel is limiting.
Signal Presence - A green LED indicates -40dB of signal is present on that channel.
Channel Ready - A white LED indicates channel is ready to pass audio.

For more information and instructions on various mounting options, scan the adjacent QR code.

Mounting Options

For more information on amplifier indicator states or troubleshooting, scan the adjacent QR Code or email our technical support team:

techsupport@leaprofessional.com

Training Videos

Back Panel Overview

For model-specific views and back panel explanations, scan the QR code below to view and download the user's manual.

1. **IEC Type Inlet**
   For detachable IEC connector
   100VAC-240VAC 50/60Hz
2. **Power Button**
   ON/OFF switch
   O=OFF I=ON
3. **GPIO Port**
   With remote ON/OFF
   & Fault Status
4. **Channel Outputs**
   2-position output receptacles
   for up to 4 channels
5. **RCA Unbalanced Inputs**
   RCA inputs are in parallel with
   the Analog Balanced inputs
6. **Analog Balanced Inputs**
   3-position input receptacles
   switchable between mic and
   line level input
7. **Wi-Fi Access Point**
   Enable/Disable button
   with status LED
   AP=Blue Wi-fi=Green
8. **FAST 10/100MB Ethernet**
   Cat5 or Cat6 input for
   control, monitoring and POE
9. **Dante Input**
   Single Dante input for 48kHz
   Dante Networks
10. **LCD Display**
    Networking information

Manual

GPIO Port

Fault Status

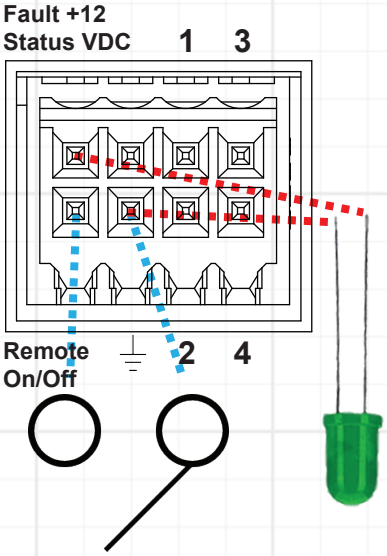
Analog connection for quick amp fault status. Delivers 5V signal.

5V ON = no faults
5V OFF = fault present

Remote ON/OFF

This is wired directly to a switch or external contact closure for quick ON/OFF control of the amplifier.

OPEN = amp on
CLOSED = amp off



Smart Power Bridge

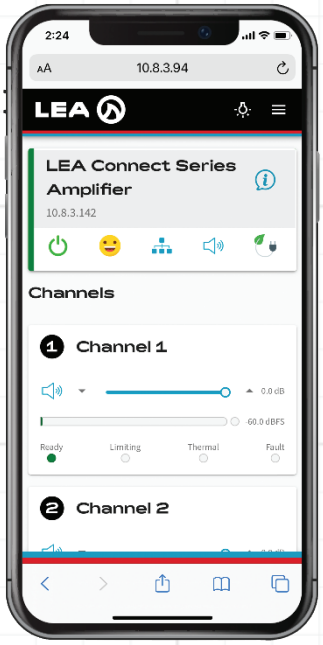
Smart Power Bridge gives you the benefits of a bridged output channel without sacrificing an amp channel.

You can Smart Power Bridge any one channel of an LEA Connect Series amplifier. For example, on a Connect Series 4 channel product, you can put channel 1 in Smart Power Bridge mode and get double the power output on that channel, channel 2 in 70V or 100V mode and have channel 3 and 4 in Low-Z mode.

Connecting to the Network

There are three ways to choose from when connecting to a network. Scan the QR code for a detailed video walkthrough.

Networking Training Video



Access Point Mode

1. Press Wi-Fi Button on back of amp
2. The amp creates its own Access Point (LED above button turns blue) - find and connect to it on your device (Phone, tablet, PC)
3. Enter the amp's IP address into any web browser on your device (Phone, tablet, PC)

Wired Mode (Ethernet)

1. Connect to the wired network using Cat5 or Cat6
2. Connect your device (Phone, tablet, PC) to the same network
3. Enter the amp's IP address into any web browser on your device (Phone, tablet, PC)

Wi-Fi Mode

1. Follow the steps in the AP or Wired instruction to the left
2. In "Network Settings", check the "Wi-Fi Enabled" box
3. Enter your Wi-Fi SSID & Password & click "Save"
4. From Wired mode, no action needed. From AP mode, press Wi-Fi button on back of amp
5. Connect your device to the same network, enter the amp's IP address in the web browser

Connecting to the Cloud

1. For remote control, visit: www.leaprofessional.cloud
2. Select "Register New Account" to create a Username & Password
3. Follow the prompts to log in to your Cloud Account
4. For more details, scan the QR code

Accessories

RCAF-2
Female RCA to Amphenol Anytek
3-pin Connector
Qty 2 per order

XLRF
Female XLR to Amphenol Anytek
3-pin Connector
Qty 1 per order

Accessories Spec

Get More

For more information, training videos, product spec, downloads, and contact details, visit our website or scan the QR codes to the right.

www.leaprofessional.com

Manual

Latest Firmware

Training Videos

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