

Compact Two User Commentary Unit With Dante® / AES67 Network Audio Interface



Express^{ip} MINI

Compact Commentary With Dante® Interface

Highlights

Two Talkback
Circuits

COMPACT
2 User Commentary
Unit

Dante® / AES67
Network
Audio

Four
Monitoring Inputs

Multifunction
Talkback
Buttons

Powered by
PoE

Overview

This device uses Audinate's Ultimo Chipset, which can receive 4 incoming audio channels, each at 48kHz. However, this chipset can only receive these 4 audio channels from a maximum of 2 network locations (2 different devices). This is common with any manufacturer that uses this chipset.

The Express^{ip} Mini is a compact simple to operate, 2 user network audio commentary box, that is ideal for both the occasional & the daily provider of commentary facilities.

Its low cost keeps the accountant happy, its simple facilities makes it easy to setup for the engineer and the familiar GlenSound control surface keeps the commentators satisfied.

Having been involved in designing and manufacturing commentary boxes for over 40 years the Express^{ip} Mini is a culmination of all our years of experience and has been designed to provide just enough of the basic facilities required for everyday commentary in a very robust & easy to use package.

Compact Commentary With Dante® Interface

Features



- Headphone Monitoring**
 There are 4 inputs into the headphone mixer. Each commentator has individual pots to set their preferred mix of these sources. There is a 5th pot for adjusting the level of the commentators own voice (sidetone) and a 6th pot for adjusting the level of the other commentator's voice in their headphones.

The front panel has 2 x 6.35mm jack sockets for connecting the commentators' headphones.

- Mic Inputs**
 Both mic inputs are on front panel 3 pin XLR connections. The input is switchable to add 48V phantom power via a top panel switch

Each commentator has a mic on/off button that can also be configured to be always on, muting the input when held down (cough button).



- Mic Gains**
 Two front panel rotary controls can be used for adjusting the microphone amplifiers input gain by +10/-20 dB. The lineup gain of the microphone amplifier automatically reduces by 10dB when the phantom power switch is turned on.
- Compressor Limiter Circuits**
 Each microphone input has its own compressor/ limiter circuit to prevent audio overload by an excited commentator.

- Two Four Wire Circuits**
 The Express^{ip} Mini has two talkback circuits. Each commentator has their own talkback buttons. The push buttons for each circuit feature Config + and as such are configurable and can operate in different modes:
 - Latching on/off
 - Momentary push to talk (PTT)
 - Intelligent mode where a short tap is latching, but a longer hold becomes momentary
 - Always on and mutes when pressed (cough mode)

Pressing a talkback button removes the mic from the main output and directs it to the talkback output.

commentary interface

Features



● **MINI**
The new Express^{ip} MINI is SMALL!
Here it can be seen compared to the original Express^{ip}

● **Network Audio Link**

The Express^{ip} MINI is Dante®/ AES67 network audio compatible. The network connection is via a single EtherCON RJ45. This link carries:

- 4 audio inputs *PLEASE SEE SPECIFICATIONS
- 4 audio outputs
- Power over Ethernet (PoE)

The four audio outputs that go into the Dante network are:

- Talkback 1
- Talkback 2
- Mic 1
- Mic 2 or Mix

The 4th output 'Mic 2 or Mix', can be selected via a rear panel switch to be the direct B mic, or a mix of both the A and B mics.

● **PPM Meter**

There is a seven segment PPM meter that shows the mix output level as both dBu and BBC PPM 1 - 7 scale.

● **Power**

The Express^{ip} MINI is powered by Power over Ethernet PoE and can be connected to a PoE enabled switches and midspan power sources.



CONFIS PLUS
Now with AES67
Dante
SPOKEN HERE
Glensound
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EXPRESS^{IP} MINI

Small Network Commentators Unit Designed For Sport News & Events

Specification

AUDIO

Dynamic Mic Line Up	60dB
Mic + Phantom Power Line Up	35dB
Input Gain	+10/ -20dB
Input Impedance	1k2
Phantom Power	+48V @ 6mA
Equivalent Input Noise	125dBu (Dynamic Mic 22-22kHz RMS terminated 300 Ohms)
Maximum Input Level	Dynamic Mic: -13 dB Mic + 48V PH: +12dB
Band Pass Filter	-3dB points are 30Hz and 22kHz
Frequency Response	-1dB 40Hz to 15.2kHz

POWER

PoE	48v PoE
Power On LED	Bright Blue
Consumption	<4 Watts

INCLUDED ITEMS

Handbook	Physical A4 (download also available)
Rj45 Cable	2 metre network cable

Digital Line Up	0dBFs = +18dBu
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THD + NOISE	<0.011% @ 10kHz ref +8dBu
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Headphone Volume Pot Range	+10dB to Off (+10dB to -30dB factory fit option)
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Headphone Impedance	35 - 1000 Ohms
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Maximum Headphone Output	+15dBu into 600 Ohms
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Headphone Frequency Response	<= -2dB 50Hz to 24kHz
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PHYSICAL

Size	157 x 183 x 74mm (WxDxH)
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Weight	0.74Kg (1.6lb)
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Mechanics	All aluminium construction, anodized and laser etched, powder coated sides
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Shipping Carton	Rugged export quality cardboard carton 610 x 420 x 170mm LxDxH
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Shipping Weight	3Kg
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ENVIRONMENTAL

Operating Temperature	0 to +50 °C (32 to 122 °F)
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Storage Temperature	-20 to +70 °C (-4 to 158 °F)
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Relative Humidity	0 to 95% non-condensing
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*Network audio inputs

The Express^{IP} uses the Ultimo chipset from Audinate, although a 4 channel chipset it can only receive audio from 2 different network streams



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E & OE



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