

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



**Express<sup>ip</sup> 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<sup>ip</sup> 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<sup>ip</sup> 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.

## 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.



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## Features



- MINI**

The new Express<sup>ip</sup> MINI is SMALL !

Here it can be seen compared to the original Express<sup>ip</sup>

- Network Audio Link**

The Express<sup>ip</sup> 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<sup>ip</sup> MINI is powered by Power over Ethernet PoE and can be connected to a PoE enabled switches and midspan power sources.



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## EXPRESS<sup>IP</sup> 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**
1k $\Omega$ 
**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**

&lt;4 Watts

### INCLUDED ITEMS

**Handbook**

Physical A4 (download also available)

**Rj45 Cable**

2 metre network cable

**Digital Line Up**

0dBFS = +18dBu

**THD + NOISE**

&lt;0.011% @ 10kHz ref +8dBu

**Headphone Volume Pot Range**

+10dB to Off (+10dB to -30dB factory fit option)

**Headphone Impedance**

35 - 1000 Ohms

**Maximum Headphone Output**

+15dBu into 600 Ohms

**Headphone Frequency Response**

&lt;= -2dB 50Hz to 24kHz

### PHYSICAL

**Size**

157 x 183 x 74mm (WxDxH)

**Weight**

0.74Kg (1.6lb)

**Mechanics**

All aluminium construction, anodized and laser etched, powder coated sides

**Shipping Carton**
Rugged export quality cardboard carton  
610 x 420 x 170mm LxDxH
**Shipping Weight**

3Kg

### ENVIRONMENTAL

**Operating Temperature**

0 to +50 °C (32 to 122 °F)

**Storage Temperature**

-20 to +70 °C (-4 to 158 °F)

**Relative Humidity**

0 to 95% non-condensing

**\*Network audio inputs**

The Express<sup>IP</sup> 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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