

Two User Commentary Unit With Dante™ / AES67 Network Audio Interface



Express^{ip} MKII
Commentary With Dante Interface

Highlights

Two User
Commentary Unit

Two Talkback
Circuits

Dante™ / AES67
Network
Audio

Four
Monitoring Inputs

Multifunction
Talkback
Buttons

Power Via
PoE or
100-240 VAC

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} Box MKII is a 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 very 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} MKII 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



- Two Four Wire Circuits**

The Express^{ip} 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:

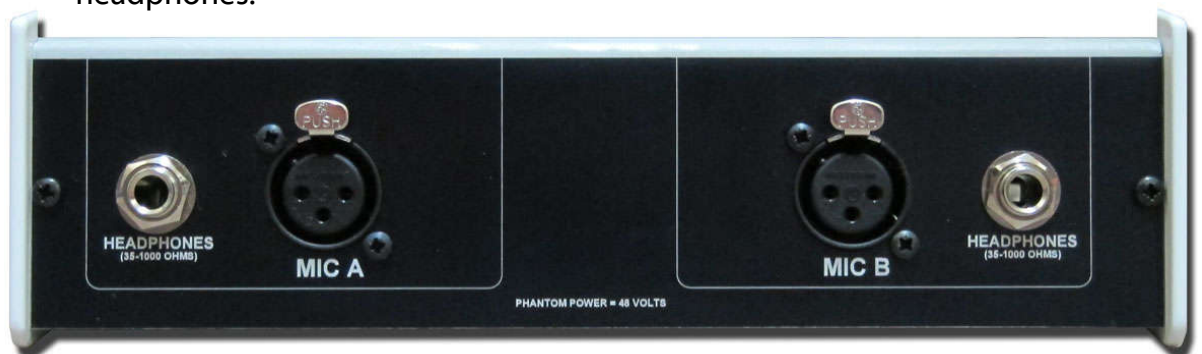
 - Latching on/off
 - Momentary push to talk (PTT)
 - Intelligent mode where a short tap is latching, but a longer hold becomes momentary
 - Always on and mutes when pressed (cough mode)

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

- 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 commentator's 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).



Features



- **Network Audio Link**

The Express^{ip} MKII 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

On the 4th output, you can select it via a rear panel switch to be the direct B mic, or a mix of both the A and B mic.

- **PPM Meter**

There is a seven segment PPM meter to show the mic input level.

- **Power**

The Express^{ip} MKII has two possible power sources. It can be powered via PoE when connected to a compatible switch/ midspan power source, or by mains (100 - 240VAC).



EXPRESS^{IP} MKII

Network Commentators Unit
Designed For Sport News & Events

Specification

AUDIO

Dynamic Mic Line Up

54dB

Mic + Phantom Power Line Up

44dB (37dB via internal link)

Input Impedance

1k Ω

Phantom Power

+48V @ 9.7mA

Equivalent Input Noise

123dBu (22-22kHz RMS terminated 300 Ohms)

Maximum Input Level

Dynamic Mic: -19dB

Mic + 48V PH: -2dB

Band Pass Filter

-3dB points are
30Hz and 22kHz

Frequency Response

-1dB 40Hz to 15.2kHz

POWER

External Mains PSU

Filtered IEC, 100 to 240VAC (+/-10%)
47 - 63Hz

AC Consumption

<4 Watts

PoE

48v PoE

Power On LED

Bright Blue

INCLUDED ITEMS

Handbook

By download

Mains Cable

UK & EU Only, 2 metre mains plug to IEC

RJ45 Cable

2 metre network cable

Digital Line Up

0dBFs = +18dBu

THD + NOISE

<0.006% @ 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

<= -2dB 50Hz to 24kHz

PHYSICAL

Size

220 x 250 x 98mm (WxDxH)

Weight

1.46Kg

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

4Kg

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



6 Brooks Place, Maidstone, Kent, ME14 1HE, UK
Tel: +44 (0)1622 753662
Email: sales@glensound.co.uk

E & OE

