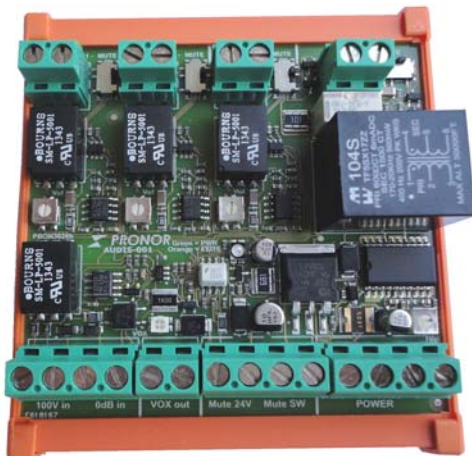


MODEL AUDIS-001. AUDIO INTERFACE /3-CHANNEL DISTRIBUTOR WITH MUTE FACILITY.



Model AUDIS-001

Audio interface and 3 channel audio distributor

FEATURES AND BENIFITS

- Interfaces a zero dB audio signal (0,7V across 600 Ohm) to Page/Party level (1,5Volt across 33 Ohm.)
- Input 100V audio or 0db converted to three (3) independent adjustable audio outputs up to 2Veff audio out.
- Galvanic separated outputs. Galvanic separated 0dB input avoiding grounding problems.
- Mute input by presenting dry contact which will mute the audio outputs. Mute function can be selected per channel using the corresponding jumper. Clear LED indication if mute function is activated.
- Screw terminals for direct connection to the field cabling.

The model AUDIS-001 is a three channel audio distributor with an extra fourth channel which is developed to drive the Page line of a GAI-TRONICS (GTC) Page/party intercom system.

The AUDIS-001 convert the 100V audio input signal or the 0dB input signal to 3 independent adjustable galvanic separated audio outputs. At the same time the unit drives also the fourth channel designated to drive GTC intercom systems. This makes the unit ideal for One-way merging page lines of different GAI-TRONICS Page/Party intercom systems as well driving several other Public Address amplifiers.

The AUDIS-001 allows as well interfacing of other signal sources such as alarm generators, telephone audio signals or any kind of audio signal source what needs to be connected to the Page line or Public address amplifiers.

The AUDIS-001 is provided with a "Mute" input which will mute the four audio outputs soon a dry contact is presented to the mute Input terminals.

By setting the corresponding jumper you may enable or disable the corresponding audio output channel from this mute function.

The AUDIS-001 operates at 24VDC and is DIN rail mounted.

Specifications.

Construction/Mounting : Din rail PVC housing / DIN rail with two (2) clips.

Power requirements : 24VDC (Min.16VDC- Max.30VDC and 0,135A.(All outputs full driven and loaded with 33 or 600 Ohm and VOX activated)

Inputs : - 100V audio input.
- 0dB input. (max 10Veff)
- Mute input (dry contact or 24VDC)

Outputs : Channel 1 to 3: maximum 2,5Veff at 600 Ohm galvanic separated per channel.
Channel 4 : 1,5Veff at 33 Ohm load and designated for GTC intercom systems.

Controls : - Separate input volume control per channel.
- Jumper "MUTE ON/OFF" per channel.

OFF = channel will not be muted when mute contact or 24VDC is presented at the input.
ON = channel will mute to zero Volt audio output when mute contact or 24VDC is presented.

Field connection : screw connection. Maximum 1,5mm²

Diagnostics : Dual colour led "Power present": green colour. Mute contact presented at input : Orange colour.
VOX contact activated, green LED

Temperature range : Minus 10°C to +60°C. (20-80% humidity)

Dimensions (HxWxD) :87x80x55mm. (Including DIN rail bracket)

Shipping weight : 0,1Kg

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