



MicroComm DXL

TBE-310 Talkback Expander

Description

The TBE-310 Talkback Expander offers a flexible solution for driving high power loudspeakers with talkback capability. Each unit has 8 amplifier output channels that can be used to drive paging loudspeakers with each channel delivering an output power of up to 5.0 watts into a constant voltage loudspeaker circuit. Adjacent channels can be bridged to form groups that can provide higher power output. In talkback mode the loudspeaker functions as both a speaker and a microphone. The 1U 19" rackmount enclosure connects to the DXL system via USB.

Features

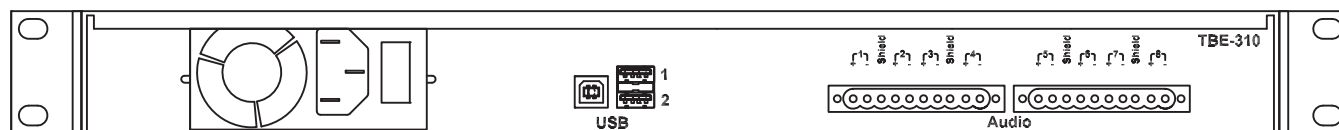
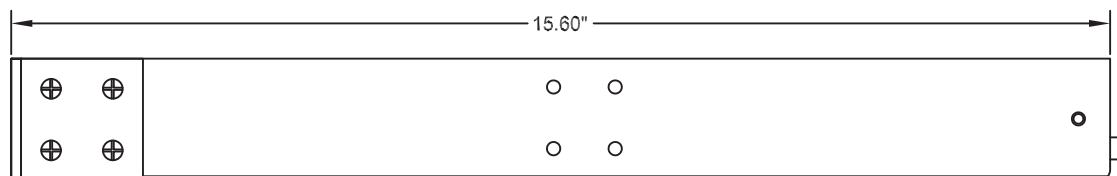
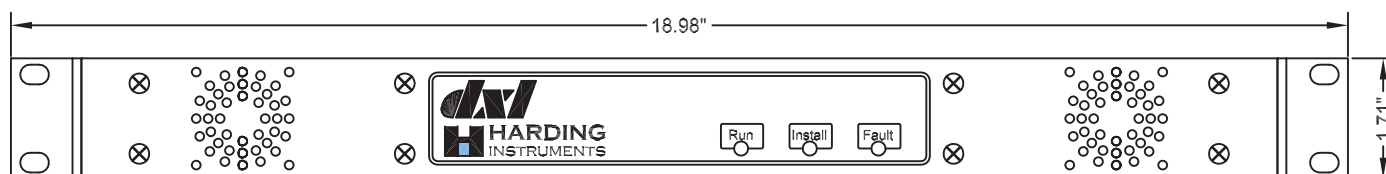
- 8 amplified outputs that can optionally drive either 25 Vrms loudspeaker circuits or 70 Vrms loudspeaker circuits
- 5.0 watts output per channel
- adjacent channels can be bridged to obtain higher power
- from 2 to 8 channels can be bridged to form a group
- up to 4 groups can be formed
- loudspeakers can operate in talkback mode
- USB connection to exchange
- 2 type A and 1 type B USB ports
- 1U 19" rackmount or wallmount



Specifications

| | |
|-----------------------|--|
| Physical Form Factor | 1 U rack mount 1.75" x 19" x 16.13" (4.45 x 48.3 x 41.0 mm) |
| Environmental | |
| Operating Temperature | 32 to 122 °F (0 to 50 °C) |
| Storage Temperature | -40 to 158 °F (-40 to 70°C) |
| Humidity | 0 to 95 % non-condensing |
| Power Requirements | 95-135 Vac, 47-63 Hz, 1.25 A or 180-265 Vac, 47-63 Hz, 0.75 A |
| Field Connections | |
| Input Power | AC line cord |
| Audio Outputs | Receptacle for Screw Terminal Blocks (CON0141) or Field Interface Cable (CBL-150-A) |
| USB | 2 type A and 1 type B |
| Paging Outputs | |
| Maximum power | 5.0 W max @ 25 Vrms per channel, or 5.0 W max @ 70 Vrms per channel |
| Standards | FCC Part 15, UL, CSA |

Mechanical



Ordering Information

Part Number TBE-310-A

- A Loudspeaker circuit voltage
- | | |
|---|---------|
| 1 | 25 Vrms |
| 2 | 70 Vrms |

Accessories

Field Interface Cable

CBL-150-A

Screw Terminal Blocks

CON0141 (2 per TBE)

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