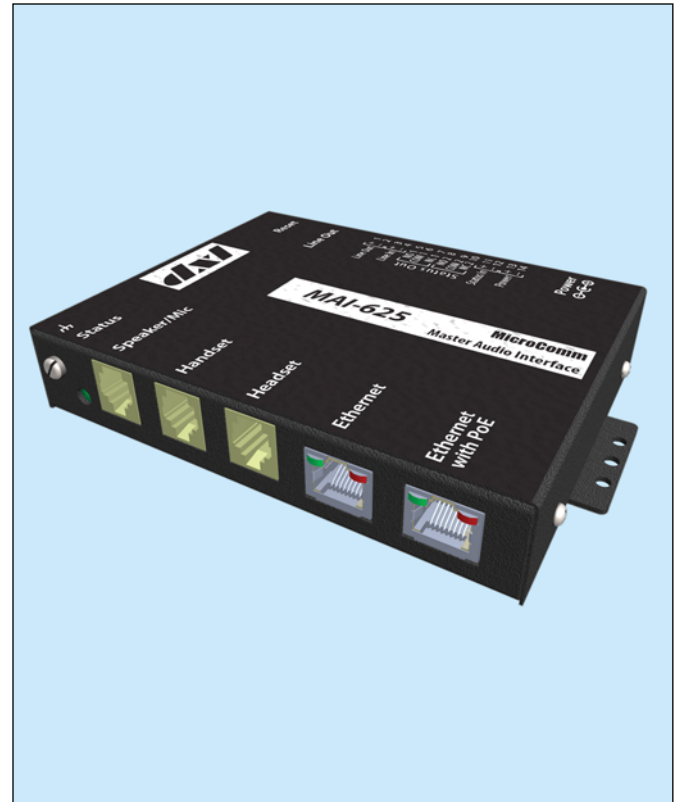## Description

The MAI-625 Master Audio Interface provides audio communication circuitry and control between a DXL exchange and a touch screen terminal or graphics panel. Communications and control is carried out via the Ethernet network.

Three separate RJ-25 connectors allow a telephone handset, a headset and/or a loudspeaker/microphone pair to be connected to an MAI-625. The handset connector has provisions for connecting a push-to-talk (PTT) switch as well as an off-hook switch. Both the headset and loudspeaker/microphone connectors provide terminals for connecting to an external PTT (i.e. a footswitch). Audio line-level input and output connections are available at a terminal block. The line level output is also available from a 3.5 mm audio stereo jack. Status output from a DPDT relay and a status input signal are available at a terminal block connector.
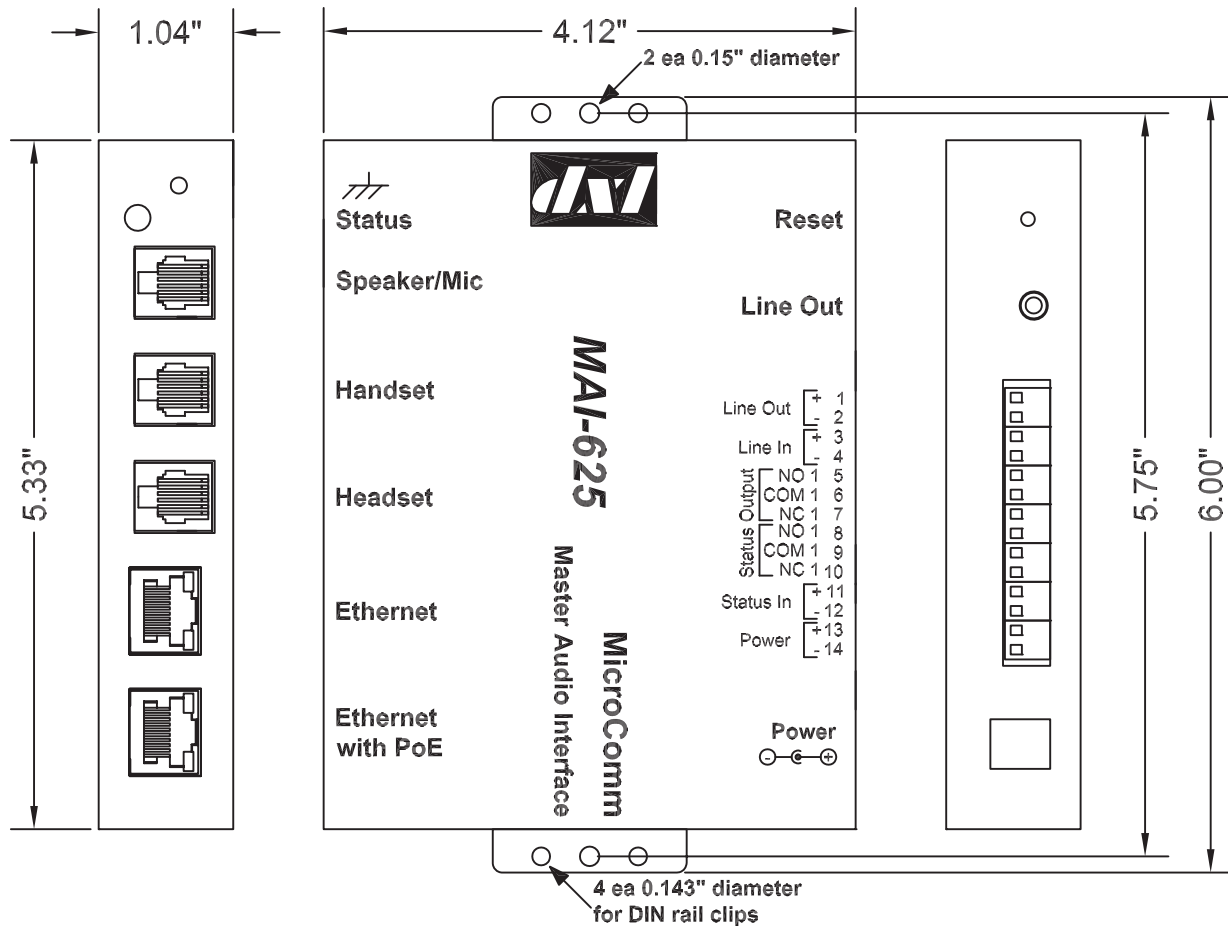
Features

- 1 watt 8 ohm loudspeaker interface

- two RJ-45 Ethernet connectors, one provides PoE

- electret microphone interface

- telephone handset interface with PTT input

- telephone hook switch interface to activate handset

- lifting telephone handset cuts off loudspeaker and microphone or headset

- headset interface to detect headset connection for loudspeaker and microphone cut off

- headset detection by jack switch or headset mic detection

- can be connected or removed while the system is operating without disrupting the rest of the system

- line level input and output

- DPDT relay for status output

- power by PoE or 24-36 Vdc auxiliary power supply

- wall mount or DIN rail mounted

Specifications

Physical	4.12'' x 6.00'' x 1.04''
	(105 x 152 x 26 mm)
Environmental	
Operating Temperature	32 to 122 °F (0 to 50 °C)
Storage Temperature	-4 to 158 °F (-20 to 70 °C)
Humidity	0 to 95 % non-condensing
Power Supply	
Auxiliary	22.6-39.6 Vdc (4W)
	or
PoE	IEEE 802.3af class 1 compliant
Field Connections	
Ethernet	RJ-45
Handset	RJ-25
Speaker/Microphone	RJ-25
Headset/Jack Switch	RJ-25
Status Output	Terminal Block
	DPDT Relay, 1A@30Vdc
Status In	Terminal Block
Line Out	3.5 mm jack
Line I/O	Terminal Block
Cabling	4-pair Cat5/Cat5e/Cat6
	328 ft (100 m) max length
Standard	FCC Part -15 Class A

Mechanical

Accessories

SMK-126 panel mount loudspeaker, microphone, volume control, and push-to-talk assembly

SMK-136 kit for custom panel mounting loudspeaker, volume contol, push-to-talk switch and microphone

Plantronics M2142 headset with boom microphone

HSK-136 Headset Kit

SWT-110 PTT Footswitch

HHK-136 telephone handset with press to talk bar, cradle, and hook switch

209-188 Mounting foot for mounting on DIN Rail Wago 210 Series

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