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
**Accessories**

- SMK-126 panel mount loudspeaker, microphone, volume control, and push-to-talk assembly
- SMK-136 kit for custom panel mounting loudspeaker, volume control, 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