Description

The TMM-640 Touchscreen Master Module is a small desktop unit for use with a touchscreen terminal. It is a Voice over Internet Protocol (VoIP) device that implements the industry standard Session Initiation Protocol (SIP).

The unit consists of a speaker (c/w volume adjustment), an electret microphone, a push-to-talk (PTT) switch, an LED status indicator and a front panel 2.5 mm headset jack.

The TMM-640 also provides contacts for an external PTT (foot) switch as well as a privacy handset, and includes a 3.5 mm stereo output jack to provide line-level signaling for external amplified speakers.

Features

- small desktop module with an attractive brushed stainless steel top
- high sensitivity omni directional microphone available on a 12” or 18” flexible gooseneck or flush mounted
- noise free rotary volume control
- top surface PTT switch with contacts for an external switch (e.g. PTT footswitch)
- support for an external privacy handset
- supports external PTT (footswitch)
- 3.5 mm stereo line level output jack for connecting an external amplifier or powered speaker
- unit can be powered from a Power over Ethernet (PoE) capable Ethernet switch or an external power supply.
- front panel 2.5 mm headset jack
- built in 10/100baseT Ethernet switch to facilitate a 2nd Ethernet connection
- built in Automatic Gain Control (AGC)
- supports remote firmware and configuration updates

Specifications

Physical
2.01” H x 5.35” W x 7.07” D
(51 x 136 x 180 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

Field Connections
RJ-45 jack (Ethernet)
RJ-25 (for external PTT and privacy handset connections)
3.5 mm line-level output jack
2.5 mm headset jack
2.1 mm auxiliary power jack

Power
Auxiliary
22.8 Vdc - 37.8 Vdc, 150mA max*
or
PoE
IEEE 802.3af class 1 compliant

Cabling
Cat5/Cat5e/Cat6
328 ft (100 m) maximum length

Speaker
2.5” (64 mm) mylar cone

Speaker level
82 dB SPL max. @ 1 meter

Line-Level Output
1 V rms

* 36 Vdc wall adaptor included with TMM-640
Part Number TMM-640-ABC-D

A  volume control options
   1  rotary (standard)

B  microphone options
   1  gooseneck microphone
   2  flush microphone
   3  gooseneck microphone with 6 inch extension

C  headset connection
   1  “Universal” headset connection

D  microphone compression
   1  standard

Accessories

HHK-136  handset/hookswitch kit
PSU-136-0.15  36V/150mA Power Supply