Description

The TMM-641 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.

A microphone insert device can be connected via a 3.5 mm input/output jack. The third party external insert device is connected in series with the microphone audio line and can be a feedback suppressor for overhead paging speakers or an equalizer.
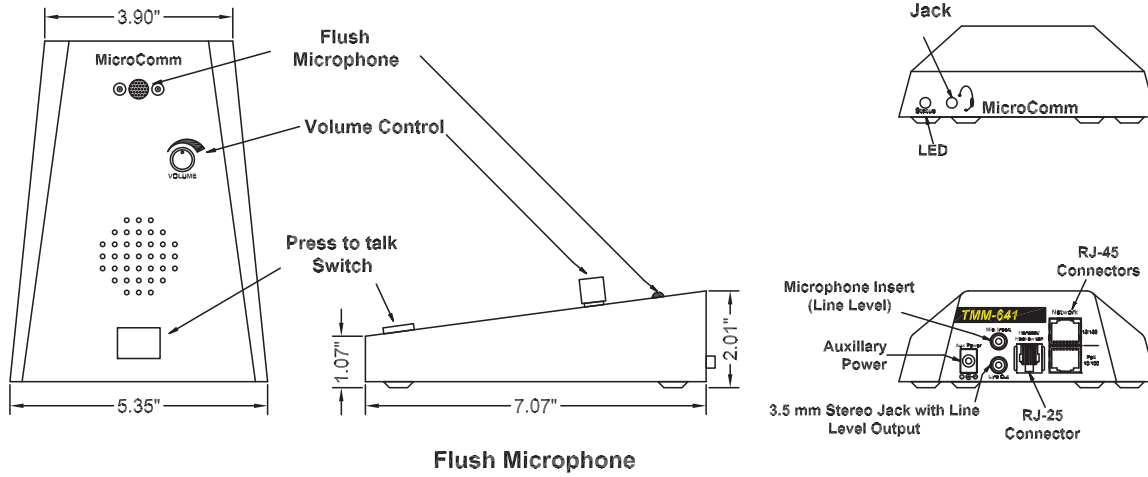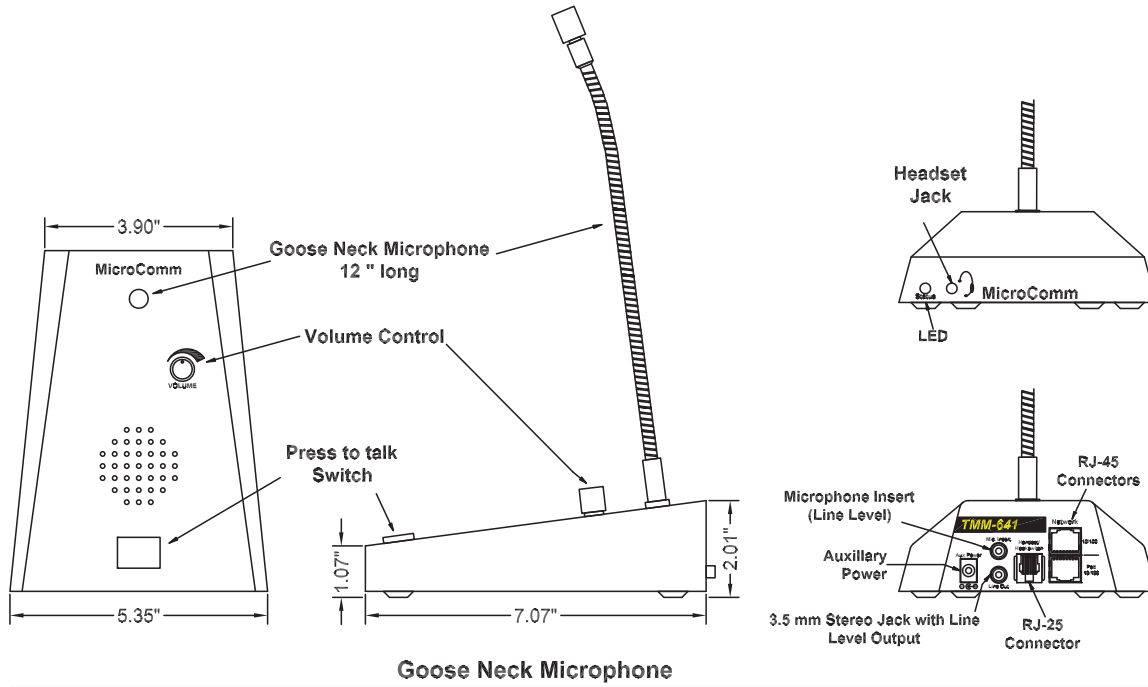
Features

- 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

- 3.5 mm line level input/output jack for connecting a third party external feedback suppressor or equalizer

- 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 3.5 mm microphone insert 2.1 mm auxiliary power jack
Power	
Auxiliary	22.8 Vdc - 37.8 Vdc,150mA max* or
PoE	EEE 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-641

Mechanical

Goose Neck Microphone

Goose Neck Microphone 12" long
MicroComm
Volume Control
Press to talk Switch
3.90"
5.35"
1.07"
7.07"
2.01"

Headset Jack
MicroComm
LED

Microphone Insert (Line Level)
Auxillary Power
3.5 mm Stereo Jack with Line Level Output
RJ-45 Connectors
RJ-25 Connector
TMM-641

Flush Microphone

Flush Microphone
MicroComm
Volume Control
Press to talk Switch
3.90"
5.35"
1.07"
7.07"
2.01"

Headset Jack
MicroComm
LED

Microphone Insert (Line Level)
Auxillary Power
3.5 mm Stereo Jack with Line Level Output
RJ-45 Connectors
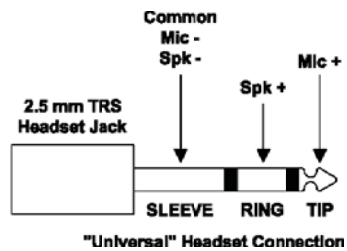RJ-25 Connector
TMM-641

Ordering Information

Part Number TMM-641-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

Common
Mic -
Spk -
Spk +
Mic +
2.5 mm TRS Headset Jack
SLEEVE   RING   TIP
"Universal" Headset Connection