



## IMS-510-1 Intercom Master Station

### Description

The IMS-510-1 is a panel mount, correctional grade master station that connects to a DXL master telephone port on a DCC or DCE via a single twisted pair cable. The IMS-510-1 provides handsfree operation with a PTT override, and features a long-life telephone dial pad that allows calls to be placed to any intercom station, master station, or page zone on the master station's permission list.

The master station's 11-gauge stainless steel faceplate, stainless steel dial pad, loudspeaker baffle plate, and protective microphone screen afford a durable, vandal resistant design that ensures a long, trouble free service life.

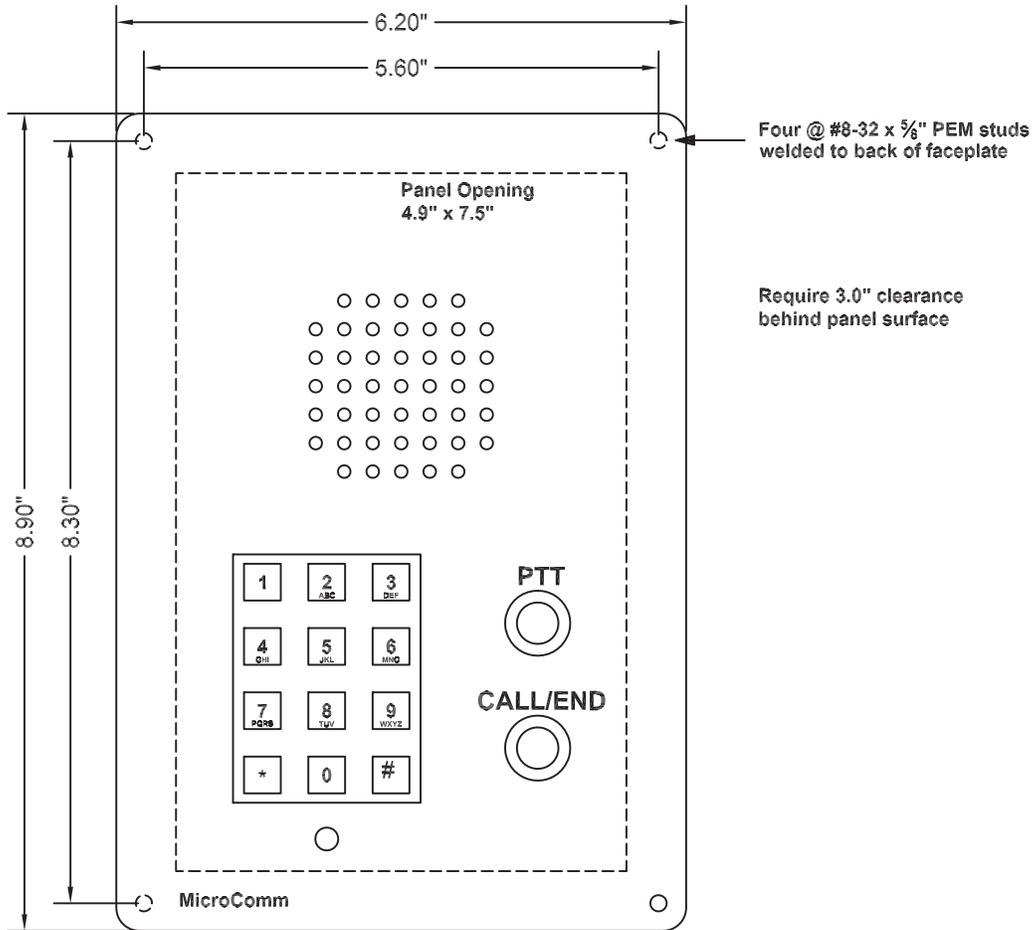
### Features

- handsfree speakerphone operation with PTT override
- rugged, long-life stainless steel dial pad
- large speaker with baffle plate protection
- protective screen for the microphone
- Call/End switch to initiate and terminate calls
- adjustable microphone sensitivity and speaker volume



### Specifications

Physical	8.9" H x 6.2" W x 3.0" D (2260 x 158 x 76mm)
Faceplate	brushed 11 gauge stainless steel
Key Switch Lifetime	10 million operations
Environmental	
Operating Temperature	32 to 122 °F (0 to 50 °C)
Storage Temperature	-4 to 158 °F (-20 to 70 °C)
Humidity	20-90 % non-condensing
Input Power	C.O. Line Powered
Loop Current	30mA min, 80mA max (48 Volt loop)
Impedance	600 ohms
Signaling	DTMF, 70ms tone, 50ms spacing
Line Output	-10.0 dbm to -12.0 dbm
Cabling	22 ga twisted pair
Weight	approximately 4 lb.
Standards	FCC Part 15



### Ordering Information

- Part number IMS-510-AB
- A model
  - 1 panel mount
  - B engraving
  - 0 English
  - 1 Spanish

