

# 3M™ Intercom System

## Specifications

### Performance Series

#### Description

Half-duplex, single channel, multi-station, multi-master wired intercom system that utilizes a distributed architecture. A Communications Controller and a minimum of one wired Station Selector along with Call Stations or handsets, completes the intercom.

#### Dimensions

Controller.....(L: 9 5/16 x W:10 x H: 2 1/2 )in. (L:23.7 x W:25.4 x H:6.35)cm.  
Station Selector.....(L:9 3/8 x W:5 5/8 x H:2 1/4)in. (L:23.8 x W:14.3 x H:5.72)cm.

#### System

Audio Channels: ..... 1

Power Amplifiers:..... 8 Music/Messaging (16 with Expansion board), with each, individually mutable.  
1 Voice with independent volume control

#### Inputs/Outputs:

Call Stations (8 Ohm) ..... 8 Bi-directional speaker ports (16 with Expansion board), 1 call button supported.

Music Input..... Balanced 0dBu (0.775 Vrms) nominal with 7.16dBu headroom.

Voice Channel ..... Balanced 0dBu (0.775 Vrms) nominal. Bi-directional buss for Station Selector.

#### Frequency Response:

In from Call Station: ..... 700Hz to 3.4kHz, +/- 0.5dBu, -36dBu input.

Out to Call Station: ..... 350Hz to 10.5kHz, +/- 0.5dBu, 0dBu input.

Music/Messaging:..... 150Hz to 16kHz, +/- 0.5dBu, 0dBu input.

#### Maximum Output:

Voice channels : ..... 3 Watts

Music/Messaging:..... 1.5 Watts

#### Power Consumption:

Idle:..... 9 Watts

Music output at 1W: ..... 28 Watts

(16-8 Ohm speakers)

#### Power Supply:

Voltage ..... 9 VAC

Amps ..... 3.4

Power Cord..... 10 ft.

UL/CSA Approved

Temperature Range.....(-40 to +185)°F (-40 to +85)°C