

Standard Features

- Command console for monitoring a network of remote call stations
- Enables IBC-compliant two-way Emergency Communications voice communication
- Color touch screen user interface
- Handheld microphone or hands-free push-to-talk (PTT) audio operation
- Audible and visual call status indication
- Battery-backup supports hours of continuous operation during power loss
- 16-gauge steel housing with protective door
- Supervises AOR remote call station network



TCOM-CP2000

Description

The Detect³⁶⁰ Emergency Communications System is an addressable, microprocessor-based two-way communication system that is compliant with International Building Code (IBC) 2009 and 2012 Area of Refuge requirements.

TCOM-CP2000 Emergency Communications System Command Panel is a central console used to receive and acknowledge emergency assistance requests from up to 31 remote call stations. When a request for assistance is initiated at a call station, an associated button icon on the command panel changes from blue to yellow and an audible tone is sounded. The operator will acknowledge the request by pressing a button icon on the command panel touchscreen and the ID or Room number for the call station is displayed. Two-way communication can then be established using either the command panel's handheld PTT microphone, or in hands-free mode, by pressing onscreen "talk" and "listen" buttons. To ensure that communication is not lost during high background noise emergency situations, the command panel features half-duplex, PTT operation.

Multiple incoming calls remain active and may be answered in sequence. The command panel can also initiate communication to a call station by pressing its associated onscreen button icon, or initiate an "all call" message to all stations.

The ECS Command panel is housed in a durable 16-gauge cabinet with a protective outer door. It features a 7" diagonal color touchscreen display, a handheld PTT microphone, and integral discrete speaker and fixed microphone. A "help requested" red LED remains illuminated whenever a call remains active. A "trouble" green LED will illuminate if a trouble condition should exist: system power loss, call station off-line, or battery loss. The Command Panel is equipped with two 12v lithium ion batteries (ordered separately) that enable hours of system operation in the event of a power failure.

When a request for assistance is not acknowledged at the command panel within a programmable time-out period, the optional TCOM-SD2300 Command Panel Remote Dialer will automatically dial the telephone number of a monitoring location or 911.

Product Selection

Model	Description
TCOM-CP2000	ECS Command Panel, black powder coat finish, includes: handheld microphone, protective outer door, integral surface-mount box, wiring connectors, system configuration software, and installation instructions.
TCOM-LB2400	Lithium Ion 12v Battery 7aH (2 Required)
TCOM-SD2300	ECS Command Panel Remote Dialer

Specifications

Input Voltage	120/240 VAC, 50/60 Hz (selectable)
Input Current	Startup: 324 mA, Standby: 311 mA, Alarm: 314 mA
Dimensions	Integral Box: 18.5" W x 11.0" H x 4.0" D (470 mm x 279 mm x 102 mm)
Weight	Command Panel (w/o batteries): 22.9 lbs. (10.4 kg); Command Panel (w/batteries): 27.1 lbs. (12.3 kg)
Operating Temp	32° F to 120° F (0° C to 49° C)
Humidity	Max 93% relative humidity at 90°F (32° C)
Mounting	Mount using appropriate #10 fasteners.
Wiring Distance	A maximum of 31 remote call stations can be "daisy-chained" per command panel. Please refer to the AOR Configurator for stations / distance power limit calculations.
Wiring	Two twisted pair (FPLP), solid or stranded, unshielded. One twisted pair 14 AWG for 24v power; and one twisted pair 18 AWG for communication. Wiring must be installed in accordance with NFPA 72 two-hour fire-rated wiring survivability requirements. Contact field sales engineering for guidance.

For installation guidance, please refer to 579-1259 *Detect³⁶⁰ ECS Command Panel Installation Instructions*.

Command Panel Exploded View

