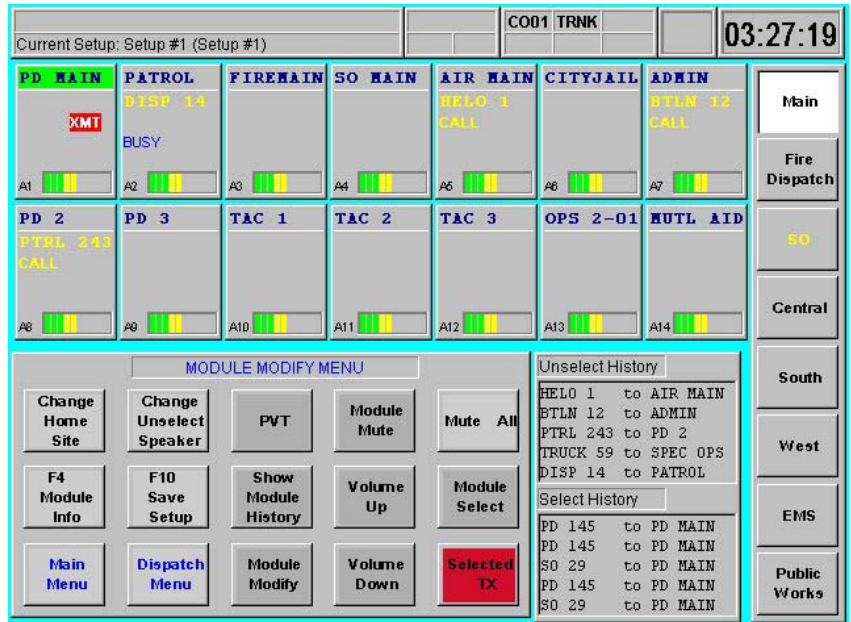


The C3 Maestro<sup>IP</sup> Dispatch Console was designed to cope with the demanding needs of the often-harried dispatcher. For all its performance, it is simple, organized, and efficient to use. Flexible enough to adapt to the dispatcher's changing needs, it is at the same time powerful enough to facilitate dispatch communications with complete control. For clear and simple presentation of information on one screen, users can configure the working environment to meet specific needs.

The C3 Maestro<sup>IP</sup> uses state-of-the-art Internet Protocol (IP) technology to connect directly from the dispatch position to M/A-COM IP networks, providing fast and efficient connections and distributed fault tolerance.



## Product Overview

The C3 Maestro<sup>IP</sup> is the dispatcher's best weapon in the fight against time. Built upon the outstanding performance of the Enhanced Digital Access Communications System (EDACS®) C3 Maestro<sup>TM</sup> Dispatch Console, the C3 Maestro<sup>IP</sup> continues the tradition for M/A-COM OpenSky® and NetworkFirst networks. Simple, organized, and efficient, the C3 Maestro<sup>IP</sup> is easy to learn to use, configure, and operate, maximizing productivity while minimizing training time. Large buttons and intuitive, easily customized layouts make maneuvering through the console functions easy and straightforward.

### Powerful, Integrated Communications

In addition to classic dispatch functions such as Simulselect, Patch, Emergency, and Call History (shown for the last 32 calls), the C3 Maestro<sup>IP</sup> provides many advanced features such as receiving Status and Request-to-Talk messages (off duty, en route, etc.), Short Message Service (SMS),

Emergency Alert with Unit location, and integrated Call Check Recorder. Tracking modules allow the dispatcher to review the calls received on a particular programmed talkgroup.

Communication modules for these features plus conventional channels, individual radios, and digital/encrypted talkgroups may be combined on the same screen.

### Unmatched Flexibility

The C3 Maestro<sup>IP</sup> allows users to configure their working environment with graphics and the features and functions that work best for them. Console screen setups can be configured to improve efficiency and productivity. Screen configurations can be created for scenarios ranging from crisis situations to shift/staffing changes. In addition to the standard mouse, dispatchers may select the trackball or touchscreen. Monitor sizes range from 15 to 21 inches.

### The Power of IP

The C3 Maestro<sup>IP</sup> uses the power of IP and M/A-COM's OpenSky and NetworkFirst technologies to lead the way into the future of dispatch. IP technology provides unparalleled flexibility. The cumbersome dedicated Console Electronics Controller interface equipment is no longer needed.

### Secure Communications

The C3 Maestro<sup>IP</sup> uses digital audio technology to provide end-to-end secure communications that are free from unauthorized access.

### Project 25

Project 25 support provides an additional layer of security for communications.

### For More Information

For more information about this or any other M/A-COM Wireless Systems product, call toll free in the U.S. 1-800-368-3277. From outside the U.S. call 1-434-455-9223 (Asia Pacific), 1-434-455-9229 (Latin America and Middle East), and 1-434-455-9219 (Europe).

## General Specifications

### Computer Type:

The customized C3 Maestro<sup>IP</sup> computer includes fully installed and tested software to support 24 x 7 dispatch operations. A Pentium® class microprocessor delivers the processing speed required. An internal CD-RW drive makes backing up critical data a snap. The installation of software releases and updates can be performed from the network interface.

### Display Type:

Color Monitor: CRT or Flat Screen  
(Touchscreen options available)

### Power Consumption:

Approx. 3.0A at 110 VAC

## Physical

### Mounting:

C3 Maestro<sup>IP</sup> can be mounted on a desktop or optionally, in console furniture. Contact System Engineering for detailed information.

### Typical Dimensions (H x W x D)

#### Computer:

5 x 16.5 x 15.75 in.  
(12.7 x 41.9 x 40.05 cm)

#### Display:

15 x 14.5 x 16 in.  
(38.1 x 36.83 x 40.64 cm)  
17 in. touch display

#### Keyboard:

2 x 20 x 9 in.  
(8.26 x 38.1 x 24.98 cm)

## User External Interfaces

### Speakers:

Select and Unselect

### Headsets

Desktop Microphone

Footswitch

## Environmental Specifications

### Temperature

#### Operating:

+50 to +104°F  
(+10 to +40°C)

#### Storage:

-30 to +122°F  
(-34 to +50°C)

### Humidity:

To 90% non-condensing

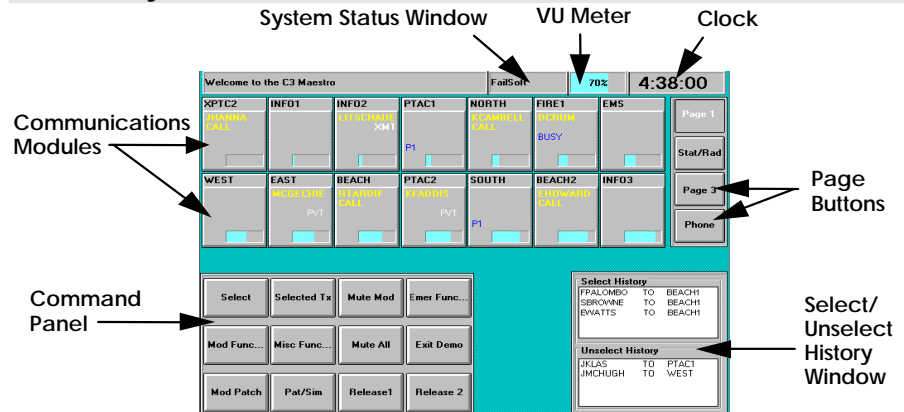
### Radio Frequency Interference:

Meets requirements of FCC Part 15 and EN55022 for Class A Equipment

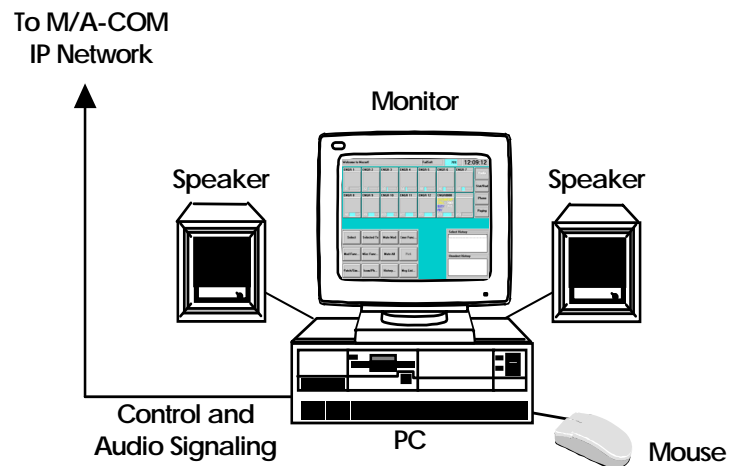
### Electro-Magnetic Interference:

Operator console meets IEC 801 Parts 2, 3, and 4 for ESD, radiated RF immunity, and power line bursts

## Screen Layout



## Core Block Diagram



## M/A-COM Wireless Systems

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08/05 Printed in U.S.A.

ECR-7160B