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Find the *Motorola CLN6966E* at our website: ***Click HERE***

MTC 3600
SITE CONTROLLER

MOTOROLA
intelligence everywhere™



MTC 3600 Controllers are the central call processing equipment that use advanced PowerPC processing with compact PCI technology.

MTC 3600 Controllers provide trunked operation in Single Site, Simulcast, Multi Site, and ASTRO® Trunked Radio Systems.

When combined with other ASTRO® equipment, the MTC 3600 Controllers yield leading edge trunked radio operation, system management, and control.

MTC 3600 has been developed to support the continuing life of 3600-baud rate control channel, trunking systems. While developing a functional replacement of the 6809-based SMARTNET central controller, we have enhanced the central controller in many ways. Some of those enhancements are as follows:

> Ease of software installation

MTC 3600 ships standard with Basic Enhancement and Test (BETS) software for easy and convenient operating system and application software installation, and if necessary, re-installation. BETS, MTC 3600 operating system and system application software all ship on one CD-ROM.

> Ease of code plug installation

MTC 3600 code plug information ships on a floppy disc and is installed through BETS software.

> Ease of expansion

MTC 3600 fully expanded to 28 channels remains in a 14" H x 14" D x 19" W card cage. With only one repeater interface card per 7 channels, upgrading is simple.

> Two Levels of Redundancy

The MTC 3600 ships standard with one power supply however, a second power supply that slides into the MTC 3600 chassis can be ordered as an option. Or, MTC 3600 supports fully redundant controller configurations at both StandAlone single site system and prime site locations in Simulcast configurations for a second level of redundancy.

MTC 3600

MTC 3600 Site Controller

Channel Capacity
Up to 28 channels with four possible control channels

Dynamic Regrouping
Allowing the creation of special talkgroups by reassigning individual radios

Push to Talk ID Display
Continually monitoring radio users on all active channels by displaying the ID's on the Console

Logging
Allowing view and print system traffic information containing all call processing activities

SmartNet ASTRO™ Secure
Transmissions can be protected from unauthorised monitoring with digital encryption methods

Groups Calls
MTC 3600 supports Talkgroup Calls, Multi-group Calls, and System Calls

System Flexibility
MTC 3600 Controllers can be used in a variety of configurations, integrated with Motorola sub-systems, and integrated with ASTRO® equipment to provide flexibility

System Manager Terminal (SMT)
Accessible directly through a PC or Motorola's SMT Access network management tool

Storm Plans
Allowing creation of special talkgroups in advance in the event of severe weather or civil disturbances

Emergency Call/Alarm
By pressing the emergency button, callers will be granted a voice channel on an immediate basis

Telephone Interconnect
MTC 3600 uses telephone interconnect options to allow subscribers to initiate or receive telephone calls from landline telephones.

Selective Calls
MTC 3600 supports Call Alert, Private Conversations, and Enhanced Private Calls

MTC 3600 GENERAL SPECIFICATIONS	
Frequencies Supported	VHF, UHF, 800 MHz, and 900 MHz
RF Channel Bandwidth Supporte	12.5kHz, 25kHz
Simulcast Ports	10 ports for remote sites
Temperature Range (Ambient)	0˚ to 50˚C
Humidity	5 to 85% non condensing
Weight	50lbs.
Card Cage Dimensions	14"(H) x 14"(D) x 19"(W)
Rack Option	7'

ELECTRICAL	
Standard Power Supply	110/220 VAC, 50-60Hz, Auto-ranging
Current Drain	2.5 amp at 120 VAC, 1.25 amp at 240 VAC

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