



# ASTRO-TAC™ 9600

## Comparator



The ASTRO-TAC 9600 comparator is a digital Simulcast™/Voting comparator for use with Motorola's Project 25 compliant system ASTRO®25

### FEATURES

- Project 25 Control Channel and Voice Channel compliance allows for use in Motorola ASTRO 25 systems
- Supports Simulcast™/Voting of ASTRO digital voice and control signals within ASTRO 25 Simulcast sub-systems
- Sophisticated voting algorithms help enhance received audio quality in weak signal areas by selecting and mixing inputs from multiple receivers
- Software intensive design allows for system migration and feature upgrades via system level software enhancements to products on the network
- Sophisticated Configuration Management allows for easier and quicker configuration from a system level perspective via Simple Network Management Protocol
- Configuration Service Software allows for easier built-in diagnostics and aids in the testing and troubleshooting from a system level perspective
- Network Time Protocol allows for system level time ensuring that key devices on your system record events at the same time to improve fault diagnostics and call activity tracking

## SPECIFICATION SHEET

ASTRO-TAC™ 9600  
Comparator

### GENERAL SPECIFICATIONS

Digital Signaling Rate	9.6 Kbps
Full Duplex I/O Ports	Trunking: Up to 15 sites
Temperature Range (Ambient)	-30°C to +60°C
Weight	≤55 lbs. (without cabinet)
Card Cage Dimensions	
Standard	12" H x 22" W x 20" D (30 lbs)
Optional	30" H x 22" W x 20" D (66 lbs)
	46" H x 22" W x 20" D (75 lbs)
	60" H x 22" W x 20" D (102 lbs)

### ELECTRICAL

Standard Power Supply	265 Watt Switching Power Supply, 90-280 VAC, 47-63 Hz
Battery Revert	10.8-16 VDC
Current Drain	
8 Port Configuration	0.75 amps @ 120 VAC, 7.5 amps @ 12 VDC, 1.9 amps @ 48 VDC
16 Port Configuration	1.5 amps @ 120 VAC, 15 amps @ 12 VDC, 3.8 amps @ 48 VDC
V.24 Interface	RS232 Synchronous Serial Wireline options ship standard with V.24 Link Interface Boards

### TIMING

Digital Voting Rate	Up to 50 votes per second
Throughput Delay	≤ 80 ms

*Specifications subject to change without notice.*



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