



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.



MOTOROLA

Motorola, Inc. 1301 E. Algonquin Road, Schaumburg, Illinois 60196 U.S.A. www.motorola.com/governmentandenterprise 1-800-367-2346

MOTOROLA and the Stylized M Logo are registered in the U.S. Patent and Trademark Office.
All other product or service names are the property of their registered owners. © Motorola, Inc. 2008 (0809)
R3-2-2000B