GATESAIR®

GatesAir's Maxiva™ Dual Switch Controller utilizes the Multi-System Controller (MSC[2]) to control one or two Coax or Waveguide switches

The MSC[2] incorporates the latest advances in technology, reflecting GatesAir's commitment to innovations in reliable broadcast transmission.

Cost-effective, Reliable, Flexible

At GatesAir, we understand that having the capability to communicate with the transmitter and the switch system is critical. The Maxiva Dual Switch Controller is designed to do just that, allowing the end user to monitor the transmitter and to control up to two RF switches.

Users have the option of monitoring and controlling the Dual Switch Controller though the front-panel push button controls with an alphanumeric display or remotely via a web browser or optional parallel I/O.

The Dual Switch Controller allows for control of up to two transmitters and to manually move the dummy load switch and an antenna switch from one convenient location. It also handles the interlocks through the dual switch I/O.

Product Features

Dual Switch Controller

- Factory scalable and configurable for 1 or 2 switches (Coax or Waveguide)
- Front panel control and readout of system status
- Local and remote selection on the front panel to lock out remote inputs during servicing
- Ethernet interface to each transmitter and RF switch control board for easy to manage connections
- Fast, reliable operation
- Fail-safe — current system configuration is retained in the event of MSC[2] fault/power failure

- Compatible with 4-port coaxial switches from multiple vendors
- Remote software upgrades available via network connection; latest software is available on the GatesAir Service Portal (requires a Windows®* based PC, not provided)
- Sleek, elegant GUI — easy navigation of system level or individual GatesAir transmitter control and monitoring with a single IP connection
- Screensaver with wakeup function to extend life of backlight and prevent accidental front panel button operation
- SNMP (Simple Network Management Protocol) network agent for broadcast manager operations

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Specifications
Specifications and designs are subject to change without notice

MSC Controller	
Size	19 in. (48.2 cm) rack-mountable unit, 1 RU x ~18 in. (45.7 cm) deep (MSC^2)
Weight	Approximately 8 lbs. (3.6 kg)
Power Supply	Universal power supply input with automatic selection; accepts any line voltage 90 to 264 VAC, 50/60 Hz
Cooling	~100 CFM
Options	
Customizable Overall Block Diagram	Allows users to label each transmitter with operating frequency and select a layout of left to right or right to left to match the building floor plan
Data Logging	Transmitter data logging with search capability — assists users in identifying operating parameter trends
Screensaver	Screensaver with wakeup function — extends the life of backlight and prevents accidental front-panel button operation
Rack Mount	1RU EIA rackmount chassis
Power Supply	Universal power supply input with automatic selection, 90 to 264 VAC input, 47 to 63 Hz, 65 Watts
Dual Switch Module	
I/O Interface	Parallel
Rack Mount	1/3 RU (1RU w / available shelf)