

REACT 5000

Complete MNS Control and Monitoring

ATI's next-generation REACT5000 Central Control Unit (CCU) provides enhanced control and monitoring of ATI remote units such as the Indoor Speaker Unit (ISU) and the High Power Speaker Station (HPSS). It serves as a key component in the creation of a powerful and flexible Mass Notification System (MNS). An intuitive touch screen interface allows for the activation of tone alerts, pre-recorded voice messages, or live PA, and displays the status of remote units.



The emergency response system may be used in conjunction with ATI's MassAlert® software for complete control of complex multilocation Mass Notification System applications, but may also be used as a standalone controller for smaller systems. The REACT5000 supports multiple simultaneous communication paths to provide the most robust notification system available. It supports a wide variety of I/O protocols for simple interfacing to 3rd party systems and optional accessories. IPv4/IPv6 support with improved security features to provide the most secured communication link between the REACT5000 and other ATI units. Multiple form factors are available for maximum flexibility in mechanical mounting and battery back-up power allows complete control of your system in the event of electrical outages.

KEY FEATURES

- Easy to be configured through its hosted WEB interface with support for secured http (https)
- 7" VGA touch screen with powerful GUI allows user to control and monitor system
- Multiple form factors available: all in one CCU or smaller desktop CCU with remote mounting of radio
- Built-in speaker and desktop microphone
- Simple interfacing to other systems via USB (host/device), RS232, RS485, and CANbus
- Additional ports for flexible low-level interfacing: line-level audio input/output, relay connections, optoisolated inputs, and monitored push-button inputs
- Upgraded security and authentication
- IP (Ethernet), radio (UHF/VHF), fiber, twisted pair/phone-line, satellite, and cellular options
- available for convenient, redundant communication paths to remote units*
- Backup power options: 7AH UPS or battery
- Supports up to 45 Watt UHF/VHF mobile radios from various manufacturers including trunked radios*

* Additional hardware/firmware may be required.

PHYSICAL ATTRIBUTES		
Length:	16.97"	
Width:	16.88"	
Depth:	5.04"	
Weight (without radio/batteries):	20.5 lbs without radio	
ENVIRONMENTAL CHARACTERISTICS		
Temperature:	-20°C to +55°C	
Humidity:	0 to 95% non-condensing	
ELECTRICAL CHARACTERISTICS		
Supply Voltage:	110 - 240 VAC	240VAC 50Hz
Supply Current typical:	0.5A	2A
Supply Current max:	1A,2A	<550mA typical §
COMMUNICATION I/O		
Communication (to ATI units):	UHF/ VHF RF, IP, Ethernet-over-Fiber, Telephone/ Twisted - DSL, Cellular, and Satellite	
Communication to PC:	USB	
Signaling Relays:	2 standard expandable to 10	
Signaling Outputs:	2 standard expandable to 12	
Audio Out (for PA or FACP):	8 optional	
Audio Characteristics		
Microphone Input:	1 XLR4 configurable	
Audio Amplifier:	7W	
Built-In Speaker	1W	
Line Level Audio Input/output:	Configurable 300/600 ohm	

* Additional hardware/firmware may be required.

§ Assuming 2 - 33AH batteries with radio communication