

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. It 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

CENTRAL CONTROL UNIT

All in one MNS Control solution

- Perfect for large scale MNS applications
- May be used on a desktop (shown) or rack mounted
- Radio and battery backup housed in a single unit
- Intuitive touchscreen interface
- Multiple redundant communications options available
- May be used with or without MassAlert® software
- Built-in 1W speaker with volume control
- 7AH Battery backup



DESKTOP CENTRAL CONTROL UNIT

Complete MNS control on your desktop

- Perfect for large scale MNS applications
- Intuitive touchscreen interface
- Sleek, small form factor design
- IP and CANBus communication only
- May be used with or without MassAlert® software
- Built-in 1W speaker with volume control
- 7AH UPS included



DESKTOP CENTRAL CONTROL UNIT

with Remote Communication Power Unit

Redundant communication and flexible logistics

- Radio and battery backup located remotely from DCCU
- DCCU may be placed up to 1600 feet away from RCPU via CANBus
- RCPU comes in a tower (shown) or rackmount configurations
- DCCU contains built-in 1W speaker with volume control
- Multiple redundant communication options available
- May be used with or without MassAlert® software
- 7AH Battery backup



Physical Attributes			
	Central Control Unit	Desktop Central Control Unit	Remote Communication Power Unit
Length	16.97"	12"	16.97"
Width	16.88"	10"	15.47"
Height	5.04"	5.49"	5.04"
Weight	20.5 lbs without radio	7.5 lbs	18.5 lbs without radio
Environmental Ratings			
Temperature	-20 to +55°C		
Humidity	0 - 95% non-condensing		
Electrical Characteristics			
Supply Voltage	110 - 240 VAC		
Supply Current <small>typical</small>	0.5A		
Supply Current <small>max</small>	2A	1A	2A
Audio Characteristics			
Microphone Input	1 XLR4 configurable		N/A
Audio Amplifier	7W		N/A
Built-In Speaker	1W		N/A
Line Level Audio Input/Output	Configurable 300/600 ohm balanced or unbalanced*		N/A
Communication I/O			
Communication (to ATI units)	IP (Ethernet), radio (UHF/VHF), fiber, twisted pair/phone-line, satellite, and cellular	IP (Ethernet) and CANBus	IP (Ethernet), radio (UHF/VHF), fiber, twisted pair/phone-line, satellite, and cellular
Communication to PC*	USB		
Communication to RCPU	N/A	CANBus	N/A
RS232 Port (for 3 rd party apps)	1		None
Telephone Interface	Optional		None
Signaling Relays	2 standard expandable to 10		N/A
Monitored Inputs	2 standard expandable to 12		N/A
Opto-isolated Inputs	8 optional		N/A

* Additional hardware/firmware may be required