

REACT4000 Communications Control Unit

The ATI REACT4000 Communications Control Unit (CCU) is used to activate, monitor and control all remote Mass Notification System (MNS) units, such as our Indoor Speaker Units and High Powered Speaker Stations. It may be used in conjunction with a PC running ATI's MassAlert™ software for complete control of complex multi-location MNS applications, but may also be used as a standalone controller for smaller systems. Initiating an activation, checking the system status and conducting live PA broadcasts is made simple via the front panel display.

The REACT4000 can support multiple communication paths to all ATI remote units to provide the most robust, reliable notification system available.*

The REACT4000 easily interfaces to a number of third party systems and MNS peripherals. In addition, our REACT4000 CCUs include battery backup systems as AC power is often lost during an emergency.*

ATI also offers a rackmount "radio plate option" for applications where radio communications need to be housed in a separate location from the central control unit.*



REACT4000 Communications Control Unit



*REACT4000 Rackmount Radio Plate**

Key Features

- Simple and compact design provides a convenient, fully functional two-way stand alone unit
- Simple front panel controls allow the user to select the activation type and address (Total, Group or Individual)
- LCD display guides the user through the necessary steps to activate the system and then displays the system status
- Cancel function halts an alarm that is already in progress
- Activates tone alerting, voice messaging and live PA
- Standard VHF and UHF radio receives and transmits FSK data signals*
- Monitors and displays unsolicited alert messages from remote terminal units and sirens
- Supports eight SPST relays and eight opto-coupler inputs to interface with external devices and four analog inputs*
- Message encryption and security coding prevent unauthorized system activations
- UL 464 listed*

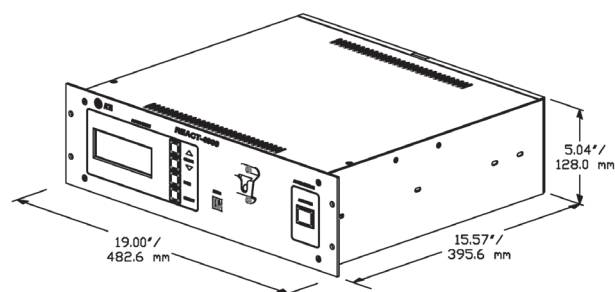
** Additional hardware/firmware may be required.*

REACT4000 SPECIFICATIONS

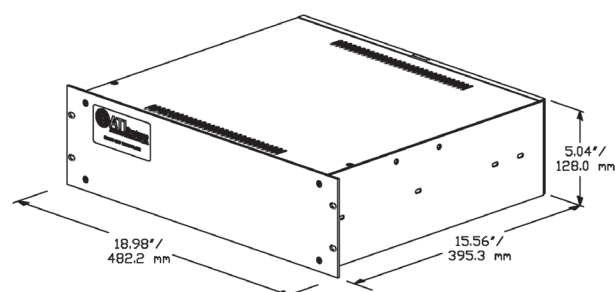
Physical Attributes				
	Communications Control Unit		Optional Radio Plate Enclosure*	
Length	19"		18.98"	
Width	15.57"		15.57	
Height	5.04"		5.04"	
Weight (without batteries/radio)	23 lbs		19 lbs	
Environmental Characteristics				
Operating Temperature	-40 to +55°C			
Humidity	0 to 95%, non-condensing			
Electrical Characteristics				
	Communications Control Unit		Optional Radio Plate Enclosure*	
Supply Voltage	120 VAC 60 Hz	240 VAC 50 Hz	120 VAC 60Hz	240 VAC 50Hz
Supply current, typical	0.2A	0.1 A	0.2 A	0.1 A
Supply current, maximum	1A	0.5 A	1 A	0.5 A
Standby time without AC	6 - 24hrs (depends on radio selected)*			
Radio power supply	12V, 12A maximum			
Audio I/O				
Microphone input	Female, 8P8C			
Built-in speaker/amplifier	2W* (optional)			
Line level audio input	optional - configurable 300/600 ohm balanced or unbalanced*			
Line level audio output	optional - configurable 300/600 ohm balanced or unbalanced*			
Communication I/O				
Communication to ATI units	IP (Ethernet), (UHF/VHF) radio, fiber, satellite, DSL, and cellular modem*			
RS232/RS485 port	1, maximum (either RS485 or RS232)*			
Signaling opto inputs	8, maximum* (configurable)			
Signaling relay outputs	8, maximum* (configurable)			

All information and specifications are subject to change without notice, and may contain typographical or other errors.

*Additional hardware/firmware may be required



REACT4000 CCU Dimensions



REACT4000 Radio Plate Dimensions