

# POWER WAVE

## SERIES

WIRED & WIRELESS ALARM CONTROL PANELS WITH HOME AUTOMATION AND ACCESS CONTROL CAPABILITIES

4 UP TO 128 ZONES



### POWERWAVE LED ICON KEYPADS

- SPECIAL ACTIVE ONLY ICONS VIEWING
- COMPACT DESIGN
- 18 ONE TOUCH FULL SIZE FUNCTION KEYS
- MEMORY VIEWING
- BACKLIGHT SOFT TOUCH BUTTONS WITH TONE
- 1 PANIC BUTTON
- SPECIAL CONTROL KEY FOR OUTPUT ACTIVATION



### POWERWAVE LCD KEYPADS

- 2x16 CHARACTER TWO LINE COMPACT LCD DISPLAY
- 3 PANIC BUTTONS
- PROGRAMMABLE MESSAGES
- EVENTS DISPLAY
- 3 EMERGENCY BUTTONS
- BACKLIGHT SOFT TOUCH BUTTONS WITH TONE
- MULTILINGUAL SUPPORT
- SUPPORTS ALL POWERWAVE CONTROL PANELS



### POWERWAVE 8 "COMPACT"

- SELF CONTAINED HOUSING WITH BUILT-IN LARGE LCD DISPLAY
- SUPPORTS UP TO 8 WIRELESS ZONES

### WIRELESS CAPABILITIES

THE POWERWAVE 16 IS ABLE TO SUPPORT 16 WIRELESS PIRs OR REED SWITCHES, WHILE EACH SYSTEM KEYPAD OR PARTITION KEYPAD CAN PERFORM THE FUNCTION OF AN INTELLIGENT DOOR CONTROLLER. POWERWAVE 8 OFFERS 8 INPUTS.

### MULTITASKING KEYPAD BUS

FEATURES OF THE POWERWAVE SERIES INCLUDE A MULTITASKING KEYPAD BUS WHICH IS ABLE TO SUPPORT UP TO 8 KEYPADS AND MULTIPLE RADIO RECEIVERS CARDS ON THE SAME BUS. THE MULTI TASKING BUS ENABLES USERS TO SIMULTANEOUSLY ENTER CODES AT DIFFERENT KEYPADS WITH NO SIGNAL COLLISIONS, WHILE INPUTS FROM THE RADIO RECEIVER CAN ALSO BE RECEIVED AT ACCESS POINTS. IN ADDITION, EACH KEYPAD IS SEPARATELY ADDRESSED AND CAN BE CUSTOMIZED TO PROVIDE DIFFERENT BUTTON, DISPLAY AND AUDIBLE OPTIONS.

### MULTIPLE REPORTING OPTIONS

THE POWERWAVE SERIES ALSO OFFERS MULTIPLE REPORTING OPTIONS WITH PROGRAMMABLE PHONE NUMBERS AND DIALING STRING SCENARIOS ALLOWING EACH PARTITION TO REPORT AS PROGRAMMED TO A CENTRAL STATION, A PAGER OR A VOICE DIALER.

### EXTENDED VOICE MESSAGES

THE OPTIONAL VOICE BOARD ALLOWS UP TO 90 SECONDS OF SPECIFIC VOICE MESSAGES TO BE RECORDED IN ANY LANGUAGE, AND LINKED TO SYSTEM EVENTS SUCH AS ARM/DISARM, ZONE AND PARTITION STATUS AS WELL AS MONITORING FUNCTIONS.

### DYNAMIC BATTERY CHECK

POWERWAVE CONTROL PANELS CARRY OUT A DYNAMIC BATTERY CHECK EVERY 5 SECONDS WITHOUT DISCONNECTING AC POWER. THIS ENSURES THAT THE BATTERY IS ALWAYS READY TO ACT AS A STANDBY, YET WITHOUT AFFECTING ITS LIFE EXPECTANCY.

### ON BOARD FULLY PROGRAMMABLE ALARM OUTPUTS

THE POWERWAVE CONTROL PANELS ARE CAPABLE OF TRIGGERING ALARM OUTPUTS WHICH CAN BE CONFIGURED TO BE OPERATED EITHER FROM THE SYSTEM KEYPAD, THROUGH WIRELESS REMOTE TRANSMITTER BUTTONS OR VIA THE TELEPHONE LINE.

## POWERWAVE SERIES OPTIONAL BOARDS

### VOICE BOARD



- 90 SEC RECORDING OF ALARM AND CONTROL MESSAGES
- 4 DIGIT CODE PER PARTITION FOR ARM/DISARM
- 4 DIGIT CODE FOR OUTPUT CONTROL
- LOCAL OR VIA DTMF OPERATION
- VOICE MESSAGES RECORDED WITH SPEECH PROGRAMMER
- MICROPHONE INPUT

### PA BOARD



- 90 SEC LOCAL PRE-RECORDED VOICE MESSAGES FOR ALARM CONDITIONS AND STATUS
- MULTI VOLUME MESSAGES PLAY THROUGH CONNECTED HORN SPEAKER
- SIREN DRIVER
- OPTIONAL PA BOARD WITH MICROPHONE INPUT
- VOICE MESSAGES RECORDING

### MICROPHONE MODULE



- LISTEN IN VIA TEL. LINE OF ALARM STATUS AND OUTPUTS

### OUTPUT RELAY EXPANDER BOARD



- 4 RELAY OUTPUTS
- PROGRAMMABLE VIA KEYPAD BUS COMMUNICATION CONNECTION

### D/LINK INTERFACE



- DIRECT UP/DOWN LOAD VIA SERIAL INTERFACE
- MEMORY EVENTS SENDING TO STANDARD SERIAL PRINTER

### MONITOR BOARD



- SPECIAL FLUSH MOUNT PANIC BOARD
- PANIC AND NIGHT ARMING MODULE

### EEPROM MODULE



- PLUG IN MODULE FOR DATA TRANSFER TO MULTIPLE PANELS WITH COMMON PROGRAMMING
- NO NEED FOR TELEPHONE LINE OR PC

## POWERWAVE SERIES OPTIONAL WIRELESS MODULES (AE SERIES & MERLIN LINE)

### WIRELESS MOTION DETECTORS



- ASIC BASED ELECTRONICS
- SMD TECHNOLOGY
- ULTRA LOW CURRENT CONSUMPTION
- 3.6 V LITHIUM BATTERY POWERED
- AUTOMATIC LOW BATTERY TRANSMISSION

### WIRELESS REED SWITCHES



- 3.6 V LITHIUM BATTERY POWERED
- ULTRA LOW CURRENT CONSUMPTION
- EXTERNAL SWITCH INPUT
- AEDW-101 MERLIN MAG & MERLIN GATE

### WIRELESS SMOKE DETECTORS



- 9 V BATTERY POWERED
- LOW BATTERY INDICATOR
- AE SERIES ONLY

### 16 RX RECEIVER



- SUPPORTS UP TO 16 TRANSMITTERS AND 16 REMOTE CONTROL UNITS
- SUPPORTS MERLIN WIRELESS LINE
- FULL SUPERVISION
- DIGITAL MODULATION
- ENROLL LEARNING MODE
- MULTIPLE RECEIVERS INSTALLATION

### REMOTE CONTROL UNITS



- 2 OR 4 BUTTON REMOTE UNITS
- LITHIUM BATTERY OPERATED
- 2/4 CHANNELS
- SX-TR UNITS OR MERLIN UNITS