

Pro-24



Keypads

- Elegant 16x2 character LCD or LED keypads
- Intuitive menu-driven user interface

RP128KCL0xxA	LCD Keypad ProSYS design	RP296KCLyyyy	LCD Keypad ORBIT-Pro design
RP128KL16xxA	16 LED Keypad ProSYS design	RP296KL16yyy	16 LED Keypad ORBIT-Pro design
RP128KLO8xxA	8 LED Keypad ProSYS design	RP296KLO8yyy	8 LED Keypad ORBIT-Pro design

xx: 00 - English on Keys & indication LEDs
IC - Icons on Keys & indication LEDs

yyy: Market

Pro-24

Pro-24 is a professional, reliable and cost-effective control panel for mid-size and small commercial or residential installations. Pro-24 is based on the best selling ORBIT Pro control panel that is installed in thousands of sites worldwide.

Pro-24 uses identical wired and wireless expansion accessories and has the same simple programming logic as the ProSYS and WisDom providing cost saving on stock, logistics and installer training.

Specifications

Zones	8-16 wired zones (expandable to 24 zones with wireless expansion)
Wired Zone expansion	One 8 zone expander
Wireless Expansion	One 16 zone wireless expander or up to two 8 zone wireless expanders
Partitions	8
User Codes	99
Programmable Outputs	1 expandable to 33
Supervised Power Supplies	8
Keypads	8
Account numbers	8
Event Log	128 expandable to 512 or 999

Technical Specifications

Main Power Input	16.5VAC - 40VA Transformer from 230V AC
Power Output	12V DC 1.5A total: 600mA Auxiliary, 900mA Sounder Driver
Operating Temperature	0°C to 55°C (32°F to 131°F)
Main Box Dimensions	305 x 297 x 84mm (12" x 11.7" x 3.3")



Main Control Panel

- 8 zones onboard
- Expandable to 24 zones with wireless expansion
- 8 partitions
- 128 event log expandable to 512 or 999
- 600mA auxiliary current + 900mA siren driver
- Digital Communicator: 3 central station numbers, 8 account numbers and 8 Follow-me numbers
- 4 wire RS485 bus for expansion with unique bus quality test (pinpoints intermittent faulty wiring and enables extending bus to over 1 km)

RP224P040xxA	Pro-24 kit in metal box with LCD keypad
RP224My00xxA	Pro-24 main panel PCB

xx : Language
y: Phone compatibility

Accessory boxes

RP296B1	Metal box for main and 3 expansion modules
RP296B2	Metal box for single expansion module
RP296B3	Metal box for multiple expansion modules



Wireless Expansion

- Noise measurement and detector signal strength displayed on LCD keypad, provides confidence to the installer regarding wireless communication quality
- Wireless Outdoor PIR, PIR pet, and smoke detectors
- 4 button and 2 button panic keyfobs, assigned to a zone
- Wireless magnetic contact, flood and shock detectors

* For Wireless Accessories details please see pages 26-29

RP128EW0800A-B	Wireless 8 Zone Receiver 868MHz
RP128EW1600A-B	Wireless 16 Zone Receiver 868MHz
RP296EW0800A	Wireless 8 Zone Receiver 433MHz
RP296EW01600A	Wireless 16 Zone Receiver 433MHz

Program Transfer Module

- Save backup of programming
- Copy programming from master system to other systems
- No need for phone line, PC or any other peripheral device

RP128EE0000A Program Transfer Module



Zone Expansion Module

RP296EZ8 8 Zone Hardwired Expansion Module



Output Expansion

- Each output may be activated as a result of numerous events related to system, partition, zone or user

RP296E04	4 high current relay outputs module (3A)
RP296E08	8 open-collector outputs module (70mA)



Event Log Expansion

RP296EL5000A	512 Memory Expansion Module
RP296EL9000A	999 Memory Expansion Module



X-10 Expansion Module

- Enables home automation via the AC wiring of the premises
- Supports up to 16 X-10 protocol receivers

RP296EXT X-10 Expansion Module



Local Adaptors

RP128EUSB00A	USB to RS485 Adaptor
RP296EBA000A	RS232 to RS485 Adaptor
RP296PRT000A	Parallel Printer to RS485 Adaptor



Supervised Power Supplies

- 1.5Amp 12V power supply for additional modules and siren drivers
- Fully supervised for low battery, AC power loss, bell loop, auxiliary failure
- Built-in 900 mA siren driver
- Tamper supervision

RP128EPS00A	1.5A PS in metal box
RP296EPS	1.5A PS PCB

Voice Module

- Record and playback voice messages to "follow me" phone numbers.
- Up to 3 messages, total of 40 seconds
- Messages can be assigned to partitions and/or events

RP200xx Voice Module

xx: Market

