

WIRELESS ALARM SYSTEM

CR200 WIRELESS SYSTEM



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20-Zone PSTN Voice & Digital Communicating

A Modern, Effective and Versatile 20-zone Household Security System for the world's Monitoring System alarm market is heralded by our CR200.

It is packed with simple PLUG & PLAY functionality, with the design for easy installation and easily self-taught.

Smart, sophisticated and safeguarded, CR 200 Plus certainly brings the most advanced Wireless Alarm System for you and your loved ones.

- PLUG & PLAY
- SELF-TAUGHT, SMART FEATURES
- TEXT ZONE NAMING
- FAULT-PROOF SUPERVISION

FEATURES

- A 20-zone full-feature Wireless Control Panel with built-in Voice & Digital dialers
- Total 6 numbers for Voice & Digital Reporting
- Communication protocol: Contact ID
- Voice messages can be recorded (max. of 20 sec) for voice reporting
- Remote arming & disarming via DTMF commands
- A 16 x 2 characters backlit full text LCD display
- Each of the 20 zones can be individually named/edited by the user for quick recognition of designated areas
- Built-in Transmitter to activate Outdoor Bell Box or Wireless Siren.
- "Home" arming option offers full protection while you are home, yet allows you to move freely inside without triggering the alarm
- Full Supervision to ensure the problem-free operation of the system.
- Door Open Closed Monitoring before system arming adds extra caution.
- Fault Detection and Display
- Tamper detection protects the unit from unauthorized opening or removal from its mounting surface
- The Panel can interface with the following: RFID Tag Reader, Passive Infrared detector, Pet Immune Passive Infrared detector, Door Contact, Remote Keypad, Remote Controller, Wrist Emergency Transmitter, Optical Smoke Detector, Carbon Monoxide Detector, Water Sensor, Night Switch, Fixed Panic Button, External Bell Box, Wireless Siren, Universal Receiver and Repeater.

Alarm Control Unit

KIT CR200/GB+IR200+DC200+CR200 cod. KT1E00113 (English)

KIT CR200/D +IR200+DC200+CR200 cod. KT1F00113 (German)

KIT CR200/F +IR200+DC200+CR200 cod. KT1G00113 (French)

Wireless control unit

- Power : 9V 500mA adaptor
- Back up battery: 7.2V 600 mAh Ni-mh rechargeable battery x 6
- Battery back-up time: 8 hours minimum
- Alarm output: 104dB @ 1M
- Frequency available: 868.35 MHz:
- Range: over 300 meters in open space
- Operating temperature: -10° to +45°C
- Humidity: up to 90% non-condensing
- Dimensions: 185 X 120 X 26 mm
- Complied with CE certification requirement



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Keypad

KP200 cod. KP8200113

ABS backlit wireless keypad

- KP200 is a wireless, high tech, and durabal remote keypad that allows you to control your security system from wherever it is deployed.
- It communicates with a Control Panel via radio wave, sending signals to "Arm", "Home (Part) arm", & "Disarm" the system
- Safeguarded by a Tamper Proof Switch, protects the enclosure from being opened or removed from the mounting surface. Power conservation is another design feature; the Remote Keypad is powered by Lithium battery and consumes power only when in operation, thus ensuring long battery life.
- A 16-button backlit keypad for easier night use
- Power conservation that consumes power only when in operation
- Low Battery detection
- Tamper protection protects the enclosure from being opened or removed from it's mounting surface
- IP44 Water Proof
- Power: Lithium CR2450 battery x 1
- Battery life: 7 years or over¹
- Radio frequency: 868.35 Mhz
- Range: over 300 meters in open space
- Operating temperature: -20° to 50°C
- Humidity: up to 95% non-condensing
- Dimensions: 103 x 72 x 18 mm



KP200

Remote Controls

RC200 cod. TX3800113

Five-button remote control

- Remote control with 5 keys and relating two-colour LEDS, totally managed by a microprocessor. All the operations associated with the keys (up to two per key) and with the LEDS can be programmed from the WL31 control
- 4 Buttons for Arm / Disarm / Partial Arm & active Panic alarm for the security system
- Water resistance with IP rating 41
- LED: 1, Transmission indicator
- Low Battery detection
- Power: Lithium CR2032 battery x 1
- Battery life: 5 years or over¹
- Radio frequency : 868.35 MHz FM
- Range: over 300 meters in open space
- Operating temperature: -20° to 50°C
- Humidity: up to 95% non-condensing
- Dimensions: 65 x 38 x 15 mm



KP200

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Detectors

EIR200 cod. IR2C00113

Exceptional Dual Lens & Sensors with interlaced horizontal beams plus proven 100% pet immunity of pets up to 75 cm / 60 kg!

- The Outdoor PIR Motion Detector represents a breakthrough design from the traditional sense to a brand new vision of its definition. It is tailored to fit in the harsh environment of outdoor and features four levels of pet immune sensitivity.
- The Dual Lens & Sensors together with its advanced Digitalized Adaptive Signal Processor (D.A.S.P.) algorithm provide remarkable detection sensitivity that eliminates the possibility of false alarms caused by small animals or other outdoor disturbances.
- D.A.S.P. guarantees consistent sensitivity by automatic profile adjustments according to the environment's Temperature & Lux, thus maintains sensitivity and delivers exceptional performance regardless of temperature fluctuations or lighting change interferences. In addition, a Four-Level Pet Immune Sensitivity provides an effective match for every installation scenario with a peace of mind, yet still protecting your premises and loved ones all year round.
- Microprocessor controlled with advanced digitalized adaptive signal processor algorithm
- Installation angle is manually adjustable via a supplied rotating bracket (optional installation)
- Pet Immune Sensitivity can be controlled via a DIP switch. Immunity levels of both background environmental factor and pet are then adjusted accordingly.
- Four levels of Pet Immune Sensitivity are available: Low (75 cm / 60 kg), Medium (60 cm / 40 kg), High (45 cm / 30 kg), and Superior (30 cm/20 kg)
- Adjustable environment settings: choices of facing a wall or open space, facing a lawn or concrete/stone ground
- Auto Temperature & Lux Profile Adjustments – complex intelligent D.A.S.P. algorithm to distinguish background environmental changes such as temperature and lighting and therefore avoiding false alarms
- Water resistance with IP rating 66
- Double protection of unauthorized sensor removal and opening/sabotage by both built-in Tilt & Tamper Switches
- Protection from: direct sunlight, wind, snow and rain, and small animals
- Randomized supervision signals for trouble-free system integrity checking
- Low battery detection
- Superior white light noise rejection
- Superior radio interference rejection of up to 20V/m at frequencies of 100 kHz to 2.7 GHz
- Automatic power saving mechanism
- Compact design
- LED: fault & test mode indicator, and also doubles as Walk Test activation button
- Power: Lithium AA batteries x 2
- Battery life: 3 years or over, with low battery detection
- Radio frequency available: 868.35 MHz:
- Range: over 300 meters in open space
- Operating temperature: -20° to 50°C
- Humidity: up to 95% non-condensing



EIR200

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Detectors

IR200 cod. IR9B00113

The Passive Infrared Motion Detector is a microprocessor controlled PIR Detector.

- Its advanced Digitalized Adaptive Signal Processor algorithm enables the PIR Detector to maintain a stable sensitivity level regardless of changes in its environment or outside interference.
- In addition, it is tamper-proof against opening of its enclosure and removal from its mounting surface, and sends regular supervision signals to check system integrity.
- Microprocessor Controlled with advanced Digitalized Adaptive Signal Processor algorithm
- Surface and Corner mounting removal tamper protection
- Randomized Supervision signals for trouble-free system integrity checking
- Low Battery detection
- Superior white light noise rejection
- Detection range: 12 meters at 90° angle
- Superior radio Interference rejection of up to 20V/m at frequencies of 100KHz to 1GHz
- Automatic Power Saving Mechanism
- Insect and dirt proof
- Compact & low profile
- Temperature compensated sensitivity control
- Power: Alkaline AA batteries x 2
- Battery life: 3 years or over¹
- Radio frequency: 868.35 MHz
- Range: over 300 meters in open space
- Operating temperature: -20° to 50°C
- Humidity: up to 95% non-condensing
- Dimensions: 120 x 74 x 55 mm



IR200

DC200 cod. MM8000113

Door Contact

- The Door Contact offers not only reliable monitoring of your doors and windows for their "OPEN" & "CLOSE" status and to alert the System Control Unit of any irregular activities, but also aesthetic design for today's modern homes. The built-in Extension Terminal allows it to be added to an existing wired sensor, thus makes it doubles as a Universal Transmitter.
- Simple design for easy mounting on door frame
- Tamper protection protects the enclosure from being opened or removed from its mounting surface
- Randomized Supervision signals for trouble-free system integrity checking
- Low Battery detection
- Built-in Auxiliary Input Terminal for Enhanced Flexibility to add Wired Detectors
- Built-in Reed Switch and External Contact can be used simultaneously
- Powerful magnet that gives 30mm Space between the Door Contact and magnet
- Built-in Extension Terminal for enhanced flexibility to add wired detectors
- LED: Fault & Test Mode Indicator
- Dimension: 68 x 148 x 50 mm
- Power: Alkaline AAA batteries x 2
- Battery life: 3 years or over¹
- Radio frequency : 868.35 MHz
- Range: over 300 meters in open space
- Operating temperature: -20° to 50°C
- Humidity: up to 95% non-condensing
- Dimensions: 135 x 33 x 22 mm



DIR200

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Detectors

SD200 cod. SD8VO0113

Smoke Detector

- Smoke Detector is a low profile and the smallest in size that utilizes the latest Optical Chamber technology to free it from potentially harmful radioactive materials. It is micro-process controlled and offers 100% Reliability, Safety and Quality you can ever get.
- Excellent stability with high sensitivity
- Detection method: Reflective photoelectric sensor
- Digital Signal Processing
- Randomized supervision signals for trouble-free system integrity checking
- Low Battery detection
- Diagnostic function: a Test button for self-test including optical sensor diagnosis
- Alarm silence function: 10 minutes per activation
- Built-in siren for audio alert
- Alarm Volume: 95 dB @ 1 meter
- Power: Alkaline AAA x 4
- Battery life: 3 years or over¹
- Radio frequency : 868.35 MHz
- Range: over 300 meters in open space
- Operating temperature: -20° to 50°C
- Humidity: up to 95% non-condensing
- Dimensions: Ø105 X 42 mm



SD200

Sounders

HP200F cod. HP9800113

External sounder

- Battery-operated, completely wire-free operation with a 3-year battery life guarantee. HP200 is innovated with a sounder and strobe light for outdoor use to attract attention.
- You are free to choose one of the following two options for its application:
 - a) Working as part of a wireless Home Security System. The Sounder receives signals sent from the Control Panel during alarm activation and responds by activating its siren & strobe light.
 - b) Working as a local Security Alarm System. You can install up to 10 devices. Operation of the system can be controlled by the Remote Controller or the Remote Keypad. Up on receiving signals directly sent from a detector that is triggered, the Sounder responds by activating its siren & strobe light.
- Waterproof & UV Proof with IP rating 43
- Battery operated with life expectancy of > 3 years in a typical domestic environment
- Low Battery detection
- Tamper protection protects the enclosure from being opened or removed from it's mounting surface
- Jamming Detection to protect from unauthorized interference
- System Status Indicator with siren beeps and strobe light
- Automatic Siren Cut-Off at selectable durations of 3 / 5 / 10 minutes
- Strobe Light Control can be selectable between Auto Cut-off or Manual Cut-off
- Power: Alkaline D batteries x 4
- Battery life: 3 years or over¹
- Siren output: 104dB @ 1 meter
- Radio frequency: 868.35 MHz FM
- Range: over 300 meters in open space
- Operating temperature: -20° to 50°C
- Humidity: up to 95% non-condensing
- Dimensions: 257 x 220 x 69 mm



HP200F

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Sounders

IS200 cod. HP9900113

Indoor sounder

- Battery-operated, completely wire-free operation with a 3-year battery life guarantee. IS200 is equipped with a sounder for indoor use to attract attention.
- Battery operated with life expectancy of > 3 years in a typical domestic environment
- Low Battery detection and reporting to main unit
- Tamper protection protects the enclosure from being opened or removed from the mounting surface
- Automatic Siren Cut-Off at selectable durations of 3 / 5 / 10 minutes
- Power: Alkaline D batteries x 4
- Battery life: 3 years or over1
- Siren output: 104dB @ 1 meter
- Radio frequency: 868.35 MHz:
- Range: over 300 meters in open space
- Operating temperature: -20° to 50°C
- Humidity: up to 95% non-condensing
- Dimensions: 228 x 113 x 54 mm



IS200