



## The MX Medical and Intrusion Alarm Series

*The Best Care for Your Dearest*

# The MX Series

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*Living under protection,  
Going in and out in peace!*

## Caring for your health and guarding your home

Climax's MX Medical and Intrusion Alarm Series marks a watershed in the evolvement of medical alarm systems. One of the first of Climax's wireless medical alarms to be integrated with an intrusion alarm system, the MX Series not only provides thorough care for your loved ones at home but also protects your house and property when you are away. Incorporating various cutting-edge telecare technologies, the MX Series features a new, user-friendly three-button design that fully utilizes the flexibility and versatility of the system. The user can summon emergency help by one press on the red button and arm his house by one press on the yellow button. Events happening at home will be reported to the monitoring center via the Contact ID, Tunstall (TT New) or Climax CPC Dialect communication protocols. Living under protection and going in and out in peace have never been easier.

## Serving as an intrusion alarm

With the MX Series you will not only enjoy excellent telecare but will always have the peace of mind given by the system's convenient and efficient security functions. The MX Series can serve as an intrusion alarm when the yellow button on the control panel is programmed as a security button. The system will still operate as a medical alarm when you are at home, but you can arm your house upon leaving home by one quick press on the yellow button. The intrusion alarm and all monitoring sensors will be activated to guard against burglary. When you return home, you can press the yellow button and your pendant once to disarm the house and turn the system back into a medical alarm.



## Multiple options for alarm communications paths and two expansion modules

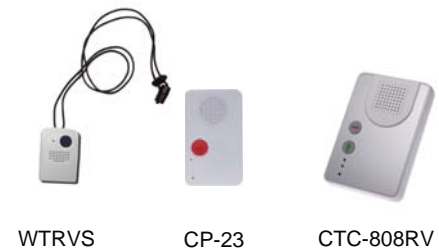
The MX Series offers four models that adopt different built-in communications network(s) to meet diverse installation needs. Each of the models has an expansion slot for a plug-in DECT module (EZ-1) or GSM/3G module (EZ-2) to further enhance installation flexibility.

The four models' alarm communications paths and compatibility with EZ-1 or EZ-2 are as below:

Model	Alarm communications path(s)	Compatibility with EZ-1 or EZ-2
MX-2	PSTN	EZ-1 or EZ-2
MX-3	GSM/3G	EZ-1
MX-6	Ethernet and PSTN	EZ-1 or EZ-2
MX-8	Ethernet and GSM/3G	EZ-1

## Capability to establish an emergency sound system on your premises

All the four models of the MX Series are compatible with Climax's plug-in DECT module (EZ-1), which enables the systems to incorporate DECT devices such as Talking Pendant (WTRVS), Call Point (CP-23) and Voice Extender (CTC-808RV). One simple press on any of these devices will open two-way communication between care personnel and the user and activate other DECT devices on the premises, extending protection to several family members simultaneously.



## The multifunctional, programmable yellow button

The yellow button, one of the leading features that place the MX Series way ahead of traditional medical alarms, can be programmed as an inactivity, check-in/out, away/home, non-emergency or security button according to the needs of the user. This flexible design enables you to use the yellow button to toggle on/off the inactivity timer, to make a non-emergency call or to arm/disarm your house in seconds.

## Comprehensive help/nurse arrival function

Care or medical personnel will find the MX Series a great help as this system has fully developed the help/nurse arrival function to efficiently respond to the following four scenarios:

- Help/nurse arrival.
- The nurse's work finished.
- The nurse needs help.
- The nurse closes the case.

## Superb Versatility

The MX Series can incorporate up to 100 devices, including Wrist Transmitter, Emergency Pendant, Smoke Detector, Water Sensor, Carbon Monoxide Detector, Panic Button, PIR Motion Detector, Door Contact, Voice Extender CTC-808 and Fall Sensor. PIR motion sensors provide inactivity monitoring when the system serves as a medical alarm and intruder monitoring when the system is turned into an intrusion alarm.

### The MX Series (MX-2, MX-3, MX-6 and MX-8)

#### Features:

- Communication protocols with the CMS: Contact ID, Tunstall TTNew, Climax CPC Dialect and Franklin 4+2.
- Alarm reporting:

Alarm reporting type	MX-2 PSTN	MX-3 GSM/3G	MX-6 Ethernet and PSTN	MX-8 Ethernet and GSM/3G
DTMF CID reporting	PSTN	GSM/3G	PSTN	GSM/3G
Modified CID/SIA reporting over TCP/IP		GPRS	Ethernet	Ethernet/GPRS
Voice reporting (optional)	Voice reporting over PSTN	Voice reporting over GSM/3G	Voice reporting over PSTN	Voice reporting over GSM/3G
SMS alarm reporting		GSM/3G		GSM/3G



- An expansion slot for an optional DECT module (EZ-1) or GSM/3G module (EZ-2) to provide flexible installation.
- PTCRB certified GSM/3G module.
- Can serve as a medical or intrusion alarm system.
- Multifunctional, programmable yellow button functions as an inactivity, check-in/out, away/home, non-emergency call or security button.
- The activation/deactivation of inactivity monitoring is linked to the arming/disarming of the alarm when the yellow button is programmed as a security button.
- World-class RF range, sensitivity and performance certified by EN-300-220 (Class 1).
- Excellent Full-Duplex two-way voice communication range over 10M from the control panel and Half-Duplex (Push-to-Talk and Listen-in) speech path.
- Comprehensive help/nurse arrival function to deliver assistance in four possible scenarios.
- Up to 100 sensors/devices can be integrated into the system.
- The voice prompt feature alerts the user upon designated events.
- USB PC programming or remote SMS programming/web programming.
- Up to eight numbers can be saved for emergency calls and one for non-emergency calls.
- Can be used as a hands-free phone for non-emergency calls.
- Remote firmware update capabilities.
- Automatic check-in reports.
- Adjustable speaker and microphone volume.
- Compliant with FCC, CE and ETL certification requirements.

#### Specifications:

- Power: 12V 1.5A switching power
- Backup battery: 1.2V Ni-Cd rechargeable battery x 6
- Battery backup time: Up to 41 hours (without EZ-1)  
Up to 19.5 hours (with EZ-1)
- Speaker: 3W
- Available radio frequencies: 433 AM/433 FM/869.2375MHz
- Radio frequency ranges: 433 AM: Over 200 meters in open space  
433 FM: Over 350 meters in open space  
869.2375MHz: Over 400 meters in open space
- Operating temperature: -10°C to +45°C
- Operating humidity: Up to 90% non-condensing
- Dimensions: 57.6 mm x 164 mm x 216 mm