BOSCH
Invented for life

ICP-CC408 Series Control Panels

- ▸ **Eight programmable user codes and eight radio remote user codes**
- ▸ **Two areas**
- ▸ **DTMF telephone remote arming**
- ▸ **Three arming modes**
- ▸ **Day alarm, duress alarm, and codepad tamper alarm**
- ▸ **Built-in telephone line fault monitor**
- ▸ **Zone lockout**
- ▸ **Dynamic battery testing**
- ▸ **Event memory recall**
- ▸ **Programmable ring burst time**
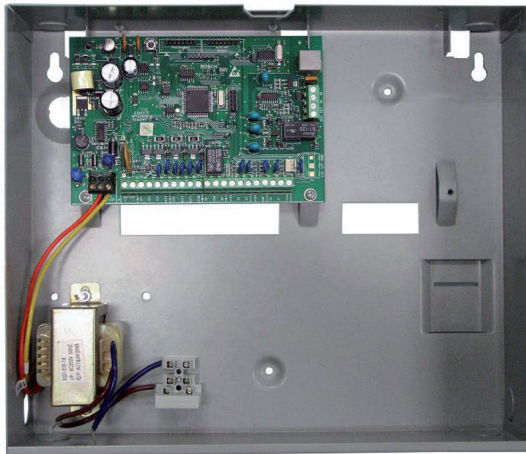
The ICP-CC408 Control Panel provides eight programmable zones.

Functions

Eight programmable user codes and eight radio remote user codes

Users can program up to eight user codes and eight radio user codes. Only the Master Code holder can add or change other system user codes.

Two areas

The control panel is partitioned into two areas. Users can operate both areas from one master codepad or from multiple separate area addressable codepads.

Three arming modes

Users can arm the system using one of three modes:

AWAY Mode: Arms the entire system.

STAY Mode 1: Arms all zones except those programmed by the installer to be automatically isolated.

STAY Mode 2: Arms all zones except those programmed by the Master Code holder to be automatically isolated.

Remote arming

This feature allows the system to be armed from any remote location by telephone. For obvious security reasons, the system cannot be disarmed using this method. A touch-tone telephone is required to use this feature. For this feature to operate, it must be programmed at installation.

Day alarm

Day alarm monitors a group of zones when the system is disarmed. For example, the front door of a shop has a pressure mat or electronic beam that customers activate as they enter or exit. The codepad beeps each time the mat or beam activates.

Duress Alarm

A codepad duress alarm can work as a silent hold-up alarm and is useful when the system reports to a monitoring station or pocket pager.

Codepad tamper alarm

Codepad tamper limits the number of times that someone can try to enter the wrong user code. When someone exceeds the limit, the system starts an alarm and sends an Access Denied Report to a monitoring station or pocket pager.

Built-in telephone line fail monitor

The system registers a telephone line fault when the system detects that the telephone line is disconnected from the control panel. The system can be programmed to sound if the telephone line is cut when the control panel is armed.

Zone lockout

The first zone to send an alarm condition is locked and a siren runs for a specified time. All other zones that send alarm conditions are reset when the sirens reset, but continue to report if another alarm condition occurs. This prevents an intruder from setting off the alarms in all zones, waiting for the sirens to stop, and then entering the site.

Dynamic battery testing

The system automatically performs a battery test every 4 hours and also every time you arm the system. The system registers a low battery fault when the system detects a low capacity back-up battery.

Event memory recall

Events are stored in non-volatile memory. Event memory recall plays the last 40 system events, including all alarms, system arming, and system disarming. If the control panel is partitioned, Event Memory Recall plays the last 10 system events.

Programmable ring burst time

Telephone ring times might be longer or shorter depending on the technology in a system. Different timing can cause control panels to answer calls that should be answered by an answering machine, fax, or a person. Users can program the control panel for the correct ring burst time; adjusting the ring time by 5 ms up to a total of 75 ms, or by 80 ms up to a total of 1200 ms.

AC Fail and System Fault indicators

If a fault occurs, the FAULT or MAINS indicator flashes and the codepad beeps once every minute.

End-Of-Line (EOL) resistor value choice

Users can choose different EOL resistor values when programming the control panel. The selected value applies to all zones at once. Users can add the control panel into an existing system without changing the EOL resistors.

Telco arm/disarm sequence (call forwarding)

This feature is only available if the call-forward option is available from the telecommunications provider. It allows programming of the Call Forward –Immediate On sequence or Call Forward –No Answer sequence that will automatically operate when the system is armed in the AWAY Mode.

Call Forward Modes

- **Immediate On:** Redirects all incoming calls to another number, including mobile phones, pagers, and answering services. The telephone called first does not ring.
- **No Answer:** Redirects all incoming calls to another number when the telephone that was called first is not answered within 20 seconds. Outgoing calls can still be made from the first telephone.

Certifications and Approvals

Region	Certification	
Europe	CE	EMC Directive 1999/5/EC: Radio and Telecommunications Equipment (R&TTE) TBR 21: 1998
		Directive 2006/95/EC Low Voltage Directive (as amended) EN 60950-1:2006
		2004/108/EC Electromagnetic Compatibility (as amended) EN 55022: 2006 ClassB; EN 55024: 1998+A1:2001+A2: 2003
		2004/108/EC Electromagnetic Compatibility (as amended) EN 50130-4: 1995 +A1: 1998 +A2: 2003; EN 61000-3-2: 2006; EN 61000-3-3: 1995 +A1: 2001 +A2: 2005
China	CCC	-CHI: 20090319002000554
Brazil	ANATEL	408P: 2111-09-1855

The ICP-CC408 Series Control Panels have been tested to the following standards:

Region	Standards	
Australia	A-tick	
New Zealand	Tele-permit	PTC-200

Installation/Configuration Notes

Compatibility Information

RF Receivers

RE005E RF Receiver with Outputs
WE800E RF Receiver

RF Transmitters

RE012E Two-channel Hand-held Transmitter
RE013E Four-channel Hand-held Transmitter

Codepads

CP105A Night Arm Station
CP500AW LED Area Addressable
CP500ALW LCD Area Addressable
CP500PW LED Partitionable
CP508LW LCD
CP508W LED

Modules

MO144 Universal Timer Module

Technical Specifications

Electrical

Current Draw

In alarm:	115 mA
In alarm with codepad:	105 mA
In standby:	65 mA

Power

Primary:	240 VAC, 18 VAC at 1.3 A from a TF008 Plug Pack
Secondary:	12 VDC, 6.5 Ah from a rechargeable sealed lead/acid battery

Environmental

Relative Humidity:	10% to 95% non-condensing
Temperature (Operating):	0°C to +45°C (+32°F to +113°F)

Mechanical

Dimensions (packed in carton):	306 mm x 262 mm x 84 mm (12.1 in. x 10.3 in. x 3.3 in.)
Weight:	2.5 kg (5.5 lb)

Ordering Information

ICP-CC408-CHI Eight-zone Solution Series Control Panel with Enclosure and 230 V Transformer for China	**ICP-CC408-CHI**
ICP-CC408-APR Eight-zone Solution Series Control Panel with Enclosure and 230 V Transformer	**ICP-CC408-APR**
ICP-CC408P Eight-zone Solution Series Control Panel (v2)	**ICP-CC408P**
ICP-CC408P-ES Eight-zone Solution Series Control Panel with Spanish Literature	**ICP-CC408P-ES**
ICP-CC408P-K Kit Kit containing an ICP-CC408P Control Panel with an ICP-CP508LW Codepad and an EDM Enclosure Kit	**ICP-CC408P-K**
ICP-408P-ES-K Kit Kit containing an ICP-CC408P-ES Control Panel with an ICP-CP508LW Codepad, an ISM-BLP1 Blue Line PIR Detector, and an EDM Enclosure Kit	**ICP-408P-ES-K**

Ordering Information

Accessories

CC891 Programming Key Uploads and downloads program settings for Solution 16, Solution 862, Solution 880, and Ultima Control Panels.	**CC891**
CP105A Night Arm Station Provides one button for arming, and two buttons for panic alarm (off-white)	**CP105A**
ICP-CP500ALW Area Addressable LCD Codepad Eight-zone LCD codepad with easy to recognize system-condition icons and numerically-indicated zone status	**ICP-CP500ALW**
ICP-CP500AW Area-Addressable LED Codepad Eight-zone LED codepad with easy-to-read system condition text and numerically- indicated zone status	**ICP-CP500AW**
ICP-CP500PW Master-Partitioned LED Codepad Master partitioned codepad with eight zone-status indicators	**ICP-CP500PW**
ICP-CP508LW LCD Icon Codepad Eight-zone LCD codepad with easy to recognize system-condition icons and numerically-indicated zone status	**ICP-CP508LW**
ICP-CP508W LED Codepad Eight-zone LED codepad with easy-to-read system condition text and numerically- indicated zone status	**ICP-CP508W**
MO144 Universal Timer Module Provides programmable outputs that can be pulsed, toggled, or solid state for pre-set times.	**MO144**
RE012E Two-channel Hand-held Transmitter Works with 433 MHz receivers to arm, disarm, or activate panic alarms in a Solution system.	**RE012E**
RE013E Four-channel Hand-held Transmitter Works with 433 MHz receivers to arm, disarm, or activate panic alarms in a Solution system. Operates outputs including garage doors, swimming pool pumps, or outside lights.	**RE013E**
TF008 Plug-in Transformer For use in Australia and New Zealand. 240 VAC primary voltage input. 18 VAC, 1.3 A secondary input. Includes thermal fuses and a three-wire flying lead with earth connection.	**TF008**
WE800E RF Receiver Works with RE012E and RE013E Key Fobs. Operates at 433 Mhz.	**WE800E**

Ordering Information

CC808 Direct Link Cable Cable to connect CC816 Alarm Link Software (A-Link) to Solution 862, Solution 880 Ultima, and Solution 16 Control Panels.	**CC808**

Software Options

CC816 Alarm Link Software Creates an interface between a compatible PC and compatible Solution 16, 880, and Ultima 880 Control Panels. Programs control panels remotely through a modem or directly from the PC using the Direct Link cable.	**CC816**