BOSCH
Invented for life

CC408 Solution 880 Control Panel

- ▶ 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
- ▶ Automatic battery testing
- ▶ Event memory recall
- ▶ Programmable ring burst time

The CC408 Solution 880 Control Panel provides eight programmable zones.

Functions

Functions for All Models

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 most zones. Does not arm zones programmed as isolated (installer).
STAY Mode 2: Arms most zones. Does not arm zones programmed as isolated (Master Code holder).

Dual-tone Multi-frequency (DTMF) Telephone Remote Arming

Users can arm the system from any remote location using a DTMF telephone. Once a communication link is established between a DTMF telephone and the system, users can operate the system using the telephone in the same way as a codepad.

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 turn on as they enter or exit. The codepad beeps each time the mat or beam turns on.

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 a report to a security monitoring station.

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.

Built-in Telephone Line Fault Monitor

When the system detects a telephone line failure, it creates a telephone line fault. Users can program the system to sound an alarm if the telephone line is cut while 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.

Automatic Battery Testing

The system performs a battery test each time a user arms the system, and automatically every four hours. When the system detects a low capacity back-up battery, it creates a low battery fault.

Event Memory Recall

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. Adjust the ring time by 5 ms up to a total of 75 ms, or by 80 ms up to a total of 1200 ms.

Functions for CC408 Models

Call Forwarding

The telecommunications provider must offer a call forward option. Users can program call forwarding modes to operate when the system is armed in the AWAY Mode.

Call Forward Modes

- **Immediate On:** Redirects all incoming calls to another number, including mobile phone, 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

A-Tick Supplier Code	N663
New Zealand Telepermit	PTC 211/98/083

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 • CP516LW LCD • CP516W LED
Modules	MO144 Universal Timer Module

Technical Specifications

Specifications for All Models

Environmental Considerations

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

Power Requirements

Current Draw (Standby):	65 mA
Current Draw (Alarm):	115 mA
Current Draw (with Codepad):	105 mA
Primary:	240 VAC, 18 VAC at 1.3 A from a TF008 Plug Pack
Secondary:	12 VDC, 6 Ah from a rechargeable sealed lead acid battery

Specifications for CC408 Solution 880 Control Panel

Enclosure

Dimensions:	30.6 cm x 26.2 cm x 8.4 cm (12 in x 10.3 in x 3.3 in) Packed in carton
Weight:	2.5 kg (5.5 lb)

Ordering Information

CC408 Solution 880 Control Panel Includes printed control board (PCB), metal enclosure, and transformer.	CC408
CC408 Solution 880 Control Panel (110 VAC) Includes printed control board (PCB), metal enclosure, and 110 VAC transformer.	CC408-APR110
CC408 Solution 880 Control Panel (230 VAC) Includes printed control board (PCB), metal enclosure, and 230 VAC transformer.	CC408-APR230
CC408P Solution 880 Control Panel Includes assembled printed circuit board (PCB), power connector, EOL resistors, terminals, and battery leads.	CC408P
CC408PSP Solution 880 Control Panel Includes assembled printed circuit board (PCB), power connector, EOL resistors, terminals, battery leads, and literature in Spanish.	CC408PSP
CC408 Solution 880 Control Panel Appropriate for use in China.	CC408-CHI

Hardware Accessories

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
CC811S Modem Module Modem module for Solution 862, 880, and Ultima Control Panels for SMS reporting.	CC811S

Ordering Information

CC891 Programming Key Uploads and downloads program settings for Solution 16, Solution 862, Solution 880, and Ultima Control Panels.	CC891
TF008 Plug-in Transformer For Australia and New Zealand. 18 VAC transformer that includes thermal fuses and a three-wire flying lead with earth connection.	TF008
Enclosure with Tamper Enclosure with door tamper.	DS-ENCL406BT
Enclosure with Transformer (230 VAC) Enclosure with 230 VAC transformer, fuse and terminal block, front and rear tamper switch, and key lock on door.	EDM-ENCL406NL

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