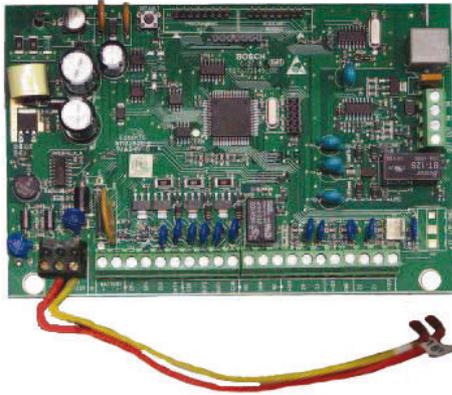




# ICP-CC404P Control Panel



The ICP-CC404P Control Panel uses the very latest in microprocessor technology to provide superior reliability and performance.

## Functions

### User codes

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

### 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.

- ▶ **Eight programmable user codes and eight radio remote user codes**
- ▶ **Three arming modes**
- ▶ **DTMF telephone remote arming**
- ▶ **Four programmable burglary zones and four programmable 24-hour zones**
- ▶ **Day alarm**
- ▶ **Duress alarm**
- ▶ **Codepad tamper alarm**
- ▶ **Built-in telephone line fail monitor**
- ▶ **Zone lockout**
- ▶ **Dynamic battery testing**

### Programmable zones

The ICP-CC404P provides up to four fully programmable zone inputs and an additional four 24-hour zones. Users can program twelve different zone types to suit their needs including delay zone, instant zone, 24-hour burglary and 24-hour fire zone.

### 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. Zones 1 through 4 can be programmed at installation to operate for day alarm.

### 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 has been disconnected from the control panel. The system can be programmed to sound if the telephone line is cut when the 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.

**AC Fail and System Fault indicators**

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

**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.

**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 sec. 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

The ICP-CC404P has been tested to the following standards:

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

**Installation/Configuration Notes****Compatibility Information****RF Receivers**

WE800E RF Receiver

**RF Transmitters**

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

**Codepads**

CP105A Night Arm Station  
CP508LW LCD Icon Codepad  
CP508W LED Codepad

**Modules**

MO144 Universal Timer Module

**Parts Included**

Quant.	Component
1	Control panel board

## Technical Specifications

### Environmental Considerations

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

### Power Requirements

Input Power:	Requires country-specific transformer to provide 12 VDC
Backup Battery:	12 VDC, 6 Ah rechargeable sealed lead acid

### Current Draw

In alarm condition:	115 mA
With codepad fitted but no alarm:	105 mA
Stand-by:	65 mA

## Ordering Information

<b>ICP-CC404P Control Panel</b> Provides eight programmable user codes and eight radio remote user codes	<b>ICP-CC404P</b>
---	-------------------

### Accessories

<b>CC891 Programming Key</b> Uploads and downloads program settings for Solution 16, Solution 862, Solution 880, and Ultima Control Panels.	<b>CC891</b>
<b>CP105A Night Arm Station</b> Provides one button for arming, and two buttons for panic alarm (off-white)	<b>CP105A</b>
<b>ICP-CP508LW LCD Icon Codepad</b> Eight-zone LCD codepad with easy to recognize system-condition icons and numerically-indicated zone status	<b>ICP-CP508LW</b>
<b>ICP-CP508W LED Codepad</b> Eight-zone LED codepad with easy-to-read system condition text and numerically-indicated zone status	<b>ICP-CP508W</b>
<b>RE012E Two-channel Hand-held Transmitter</b> Works with 433 MHz receivers to arm, disarm, or activate panic alarms in a Solution system.	<b>RE012E</b>
<b>RE013E Four-channel Hand-held Transmitter</b> 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.	<b>RE013E</b>
<b>TF008 Plug-in Transformer</b> 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.	<b>TF008</b>
<b>WE800E RF Receiver</b> Works with RE012E and RE013E Key Fobs. Operates at 433 Mhz.	<b>WE800E</b>

## Ordering Information

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

### Software Options

<b>CC816 Alarm Link Software</b> 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.	<b>CC816</b>
--	--------------

**Americas:**  
Bosch Security Systems, Inc.  
130 Perinton Parkway  
Fairport, New York, 14450, USA  
Phone: +1 800 289 0096  
Fax: +1 585 223 9180  
security.sales@us.bosch.com  
www.boschsecurity.us

**Europe, Middle East, Africa:**  
Bosch Security Systems B.V.  
P.O. Box 80002  
5600 JB Eindhoven, The Netherlands  
Phone: +31 40 2577 284  
Fax: +31 40 2577 330  
emea.securitysystems@bosch.com  
www.boschsecurity.com

**Asia-Pacific:**  
Robert Bosch (SEA) Pte Ltd, Security Systems  
11 Bishan Street 21  
Singapore 573943  
Phone: +65 6258 5511  
Fax: +65 6571 2698  
apr.securitysystems@bosch.com  
www.boschsecurity.com

**Represented by**