



It is highly recommended to use the latest version of Remote Programming Software (RPS) with the G Series Panel available from [au.boschsecurity.com](http://au.boschsecurity.com). You will also need a D5370–USB Key.

DEFAULT Master PIN (User 1) = 123456  
DEFAULT INSTALLER PIN (User 0) = 123

To ENTER programming = CODE (123) then select [ENTER]  
To EXIT programming = Hold down ESC key

## PANEL BASICS

### EOL:

This panel supports Single EOL = 1.0K ohm in SERIES. NO SPLIT EOL

This panel supports Dual EOL = 1.0 K ohm in SERIES/1.0K ohm in PARALLEL.

### Zones:

Zones on this panel are called POINTS.

*Panel supports up to 599 Points.*

Main panel supports **8 x ONBOARD** Points. (1 to 8)

**Panel supports up to 59 x 8 input zone expanders**

*Point expansion is by module or also with some other components.*

### Available Point Types

UNASSIGNED/Octo Input/KEYPAD/Wireless/Onboard/Output/IP Camera/DOOR (Zonex/D8125 and POPEX components are NOT used in Australia)

A POINT also has a *POINT INDEX* or *PROFILE* of how it will work.

Up to 32 types of Point Index Profiles. Each with **34 different programmable settings.**

*Each Point Index number sets HOW the panel will respond when specific conditions occur on this point.*

Numerous settings can be configured for each Point Index.

### RF Components:

Panel supports:

**1 x B810 RADION RF Receiver**

**504 Points/1000 Keyfobs/supports 8 x RADION RFRP Repeaters**

#### OR:

**1 x B820 INOVONICS RF Module**

**350 RF Points or Keyfobs/supports 8 x EN5040 Repeaters**

*The receiver can only be activated in programming via RPS*

### RF Components and Setup:

RF Receiver and Repeaters

**A RADION B810 Receiver**  
**Supports = 504 Points/1000 RF Fobs/8 Repeaters**

**B810 Receiver can only be enabled in RPS SDI2 Modules/Wireless Receiver/Module Type = B810 Radion Wireless**

**B INOVONICS B820 Interface Module**  
**Supports = 350 Points or Fobs Total/8 Repeaters**

**B820 Interface can only be enabled in RPS SDI2 Modules/Wireless Receiver/Module Type = B820 Inovonics Wireless**

**Can only support using A or B/not both**

### RF Fob: Add/Remove

**Users/Edit User** – Select User # then [ENTER]

Change User? **Continue** Options are:

**Passcode/Name/Level/Keyfob/Card/Language**

Select Keyfob *Configure Keyfob?* [ENTER]

**Options are: Enter ID/ADD/Replace/Remove**

Enter ID – Edit Enter ID # SAVE

ADD – Not Assigned – ADD **Trigger Keyfob**

*(Learns and Saves)*

### Learn in/Delete RF Device

**Point must already have Point Index and Source set in programming**

Installer/Wireless/RF Point Menu

- Enrol Point RFID – Add device
- Replace Point RFID
- Delete Point RFID

Point Index	Type
1	24-Hr Instant on OPEN/Short
2	24-Hr Invisible/Short on Silent
3	Pull Station
4	Smoke Detector
5	Smoke Detector with Verification
6	Bell Supervision
7	Part ON: Instant
8	Part ON: Delay
9	Part ON: Instant, Local Disarmed, Buzz
10	Interior: Instant
11	Interior: Delay
12	Interior: Instant, Local Disarmed
13	Interior: Follower
14	Maintained Key switch
15	Momentary Key switch
16	Point Open/Close on Fault

Point Index	Type
17	GAS
18	GAS Supervisory
19	AUX AC Supervision
20	Part ON: Watch OFF
21	Part ON: POPIT Motion
22	Fire Supervisory on OP
23	Non-Fire Supervisory OP
24	Local Buzz on Fault
25	Part ON: Delay, Watch OFF
26	Part ON: Instant (2)
27	Part ON: Delay (2)
28	Interior: Follower (2)
29	Interior: Instant (2)
30	Interior: Delay (2)
31	24-Hr Instant Open/Short No Abort
32	Run Custom Function

**Reporting:** We have 4 Reporting Routes available to use.

We can use

*B430 PSTN Module	—————>	Contact ID
On Board Ethernet	—————>	Connetix IP
B426 SDI-2 IP Module	—————>	Connetix IP
*B443 3G Cellular Module	—————>	Connetix IP

\*Can plug on the Main panel or plug into the B450 Module which goes on the SDI-2 BUS

Panel uses **COMMAND** functions for some operations.

Troubleshooting	
Command	What it Does
CMD 4	Silence Trouble - Clear Keypad Display
CMD 40	View Memory
CMD 41	Send Test Report
CMD 42	Send Status Report
CMD 43	Seize Line Remote Connect RPS
CMD 44	Walk Test
CMD 45	Date and Time
CMD 46	Door Control Menu
CMD 47	Reset Sensors
CMD 49	Change Display

**Programming**

Command	What it Does
CMD 50	Move to Area
CMD 51	Extend Closing Time
CMD 52	Change Sked Time
CMD 53	Delete User
CMD 54	Manual Operate Output ON/OFF
CMD 55	Change Passcode
CMD 56	Add / Change User
CMD 57	Area Text
CMD 58	Fire Test - All Visible 24hr Points
CMD 59	Display Panel Version - F/w Version
CMD 6	Watch Mode (Day Alarm) ON/OFF
CMD 0	BYPASS a Zone
CMD 00	UNBYPASS a Zone

## PART ON = PERIMETER

### Defaults

<b>Point 1</b>	24-Hr Instant on OPEN/SHORT	<b>Point 5</b>	Type 13: Interior Follower
<b>Point 2</b>	24-Hr Invisible/Short on Silent	<b>Point 6</b>	Type 7: Part ON Instant
<b>Point 3</b>	Pull Station	<b>Point 7</b>	Type 7: Part ON Instant
<b>Point 4</b>	Smoke Detector	<b>Point 8</b>	Type 1: 24 Hr Instant on OPEN/SHORT
<b>Point 9</b> and onwards = NOT Assigned			

### Reporting:

**PSTN Setup** (B430 must be Installed)  
**Installer Code** ENTER/Program/REPORTING/Phone

**IP (Onboard)**  
**Installer Code** ENTER/Select Ethernet then IP Module  
Select either  
- Onboard IP  
- Bus Module 1  
- Bus Module 2 then EDIT

Select from:

#### **Module Parameters/Address Parameters/DNS Parameters**

- Module Parameters DHCP Enable (default = YES) **Y/N**  
UPnP Enable (default = YES) **Y/N**
- Address Parameters IP Address (If DHCP = N)  
(default = 0.0.0.0) Enter IP Address  
Subnet Mask – Enter Subnet  
(default = 255.255.255.0)  
Default Gateway – (default = 0.0.0.0)  
Enter IP Address  
Port Number (default = 7700)  
Enter required if different
- DNS Parameters IPv4 Server Address (default = 0.0.0.0)  
IPv6 Server Address (default = 0.0.0.0)  
Module Host Name (default = blank)

### Change User Settings

**Users/Edit User** – Select User #  
then [ENTER]

Change User? **Continue** Options are:  
**Passcode/Name/Level/Keyfob/Card/  
Language**

### Watch Mode ON/OFF

**Points for Watch are only set in RPS**

#### **Menu/Settings/Watch**

*Area is OFF/ON?* Turn ON or Off to suit.

Also done under:

**MENU/SHORTCUT/** scroll to  
**Change Watch MODE** Turn ON/OFF

**Add User Card:** Can only be done at  
Codepad with Reader or RPS

**Users/Edit User** – Select User #  
then [ENTER]

Change User? **Continue** Select CARD

Configure Card? [ENTER]

ADD – Not Assigned – ADD

Present card for User # to Reader  
(Learns and Saves)

### SERVICE MODE:

**ACTIVATE:** Press and HOLD the RESET Button on panel for 5 seconds

**Heartbeat LED: Quick Flashes** Codepads say **SERVICE MODE** Enter Installer Code.

Options are: **Install Menu/View Log/Revisions/RPS**

**EXIT from Service Mode:** Hold RESET button 5 seconds:

**Heartbeat LED will flash numerous times and panel will reset to normal after 15 seconds**

**Heartbeat LED returns to normal slow flashing.**

### Area Entry/Exit timers

Can only be set in RPS

Area wide Parameters/Area Parameters/Area #

### Firmware Upgrade: Use Firmware Upgrade Wizard in RPS

Firmware Upgrade will take approx. 15 mins to complete via IP

Firmware must be downloaded and extracted (file will be an .**fw** file)

Create a folder on your pc called **G Series Firmware**.

Firmware will be downloaded (approx. 15 mins via IP) and then Implemented to panel (approx. 2mins)

RPS will disconnect and re-connect at end of this time.

### Access Control Setup      Can only be setup in RPS

**Needs B901 Access Module to have Door (up to 32 supported = 32 Doors) 1 module per Door**

Under ACCESS Select *Door Number* Can change *DOOR NAME* text

- **Select DOOR SOURCE** = need to set as SDI2 (B901)
- **Select Entry AREA** (Area for Access) (default = 1)
- **Associated Keypad #** (Area selected disarms with Door) (default = 0 none)
- **Door Point:** Used to monitor door state  
Cannot be used for any other point assignment  
Must be set as PART ON point (if 1-8 remove EOL resistors)
- **Auto Door:** (default = N) N = Door unaffected by armed Area state  
Y = Area Disarmed = Door Unlocked Armed = Locked
- **FIRE Unlock:** (default = N) N = Not affected Y = Unlocks with FIRE or GAS Alarm
- **Disarm on Open:** (default = N) N = Disarms when Valid card presented  
Y = Disarm only after Door opened for access by User with Disarm Authority
- **Strike Time:** (default = 10 secs) 0 to 240 secs  
Activates on: Valid Token/Request to Enter/REX or Cycle Door Function
- **Shunt Time:** (default = 10 secs) 0 to 240 secs  
Amount of time Door can be opened without causing a Trouble/Alarm/Fault on the Door Point
- **Extend Time:** (default = 10 secs)  
Prolongs Strike/Buzz and Shunt when shunt time expires and Door still open.  
At end of Extend Time buzzer continues until Door closed.  
If set, point assigned DOOR indicates Trouble/Alarm/Fault at keypad.  
Generates a "Trouble – Door left Open" event if Area disarmed.
- **Deactivate on OPEN:** (default = Yes)  
Yes = Strike deactivates when door opened on valid access granted request  
No = Strike will remain activated for Strike programmed time whether door opened or closed
- **RTE Shunt Only:** (default = No)  
Yes = Shunt time will activate – door can be manually opened  
No = RTE automatically activates the programmed Strike and Shunt time
- **REX Shunt Only:** (default = No)  
Yes = Programmed time will activate so door can be manually opened  
No = REX automatically activates programmed Strike and Shunt time

Other settings:

**Access Granted** Y/N (default = Y)    **No Entry** Y/N (default = Y)    **Enter Request** Y/N (default = N)

**Exit Request** Y/N (default = N)    **Fail Mode:** Fail Safe/Fail Secure (default = SECURE)

**Tamper** Y/N (default=N)