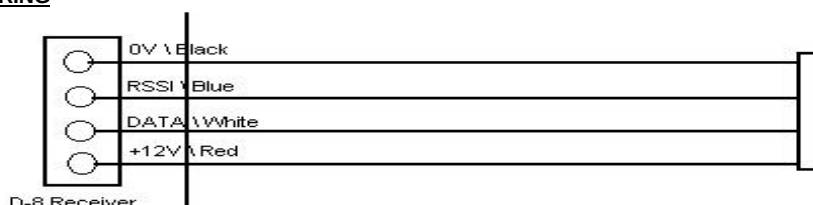


D-8 Radio Receiver Interface for D-8 Control Panel Ver 2.0 Quick Reference Guide



The D-8 Radio receiver is a dedicated receiver for the D-8 control panel. It allows upto 14 Radio Keys and upto 8 Radio Detectors (PIR's and Reedswitches). Radio range is approximately 50 Metres in free air.

WIRING



The 4 Way connector supplied plugs onto the main D-8 board. The connector is marked RECEIVER. It can only be plugged in one way.

Programming Radio Keys: P09E \ P10E and P12E to P25E

Radio Keys take the place of user codes. If a code is allocated to operate only area 2 and a radio key is assigned to that user code, it will only operate area 2. Options **P09E** and **P10E** select which user codes are to operate as radio keys. eg, P09E 2 E 5 E will allocate codes 2 and 5 to radio keys. P10E 1 E 4 E will allocate codes 9 and 12 to be radio keys. (zone 1 light = user 9, zone 2 light = user 10 etc in option P10E) Code 1 (Master Code) cannot be programmed as a radio key.

Radio Key programming can be done in both user program mode and installation program mode.

- 1) Select the user codes (2 to 15) you wish to be radio keys with options **P09E** and **P10E** as explained above.
- 2) Select the user code you wish to program as a radio key using options **P12E** to **P25E**
- 3) Clear the user code by pressing **0E**. Keypad will beep three times.
- 4) Press **1E** to enable the D-8 to learn a new radio key. The Ready light will come on and keypad will beep three times.
- 5) Press the "OFF" button on the radio key you wish to program in. The Ready light will go out, the radio light will blink on briefly and the keypad will beep three times. A long beep indicates that the radio key is already programmed.

Program other radio keys if needed in the same manner as above

Programming Radio Detectors: P01E to P08E

Radio PIR's and Radio Reed switches can be programmed into the D-8 Radio receiver in a similar manner to radio keys. Options **P01E** to **P08E** (Devices 1 to 8) are used to program and set up each radio device. Radio reed switches can be set up to send both an alarm message and a restore message. This allows the system to indicate if a window or door is left open, if a reed is left open when arming the system a auto exclude report is sent. This function can be enabled when programming the reed switches in. Device programming can only be done in installation program mode.

- 1) Select the zone number you wish to program as a radio device: **P01E** to **P08E** (devices 1 to 8)
- 2) Clear the device code by pressing **0E**. Keypad will beep three times.
- 3) Press **1E** to enable the D-8 to learn the device code. Ready light will come on and keypad will beep three times.
- 4) Trigger the device to transmit a message. This can be done by connecting the battery to the PIR or placing the link in "TEST" mode and triggering the sensor. To trigger a reed switch, have the battery connected and move the magnet away from the internal reed switch. When the D-8 receives a valid message the Radio light will blink on briefly and the Armed light will turn on.
- 5) Press **2E** if a reed switch has been programmed and you wish to accept a reed close report. The Memory light will turn on and keypad will beep three times. Operation: When a reed opens the zone light will turn on, when the reed closes the zone light will turn off. **Warning:** If a PIR is accidentally programmed for restore messages, the first time the PIR triggers the zone light will turn on and it will not turn off until the **2E** option is taken out of the zone program option. **P01E** to **P08E** memory light must be OFF for PIR's.

Program other radio devices in the same manner as above.

Signal Strength

Signal strength can be tested in Installation program mode and is shown on the zone lights 1-8. 1 is the lowest signal and 8 is the highest signal. The keypad will also beep out the signal level. Signal levels of 1 should be treated with suspicion

KEYS

- 1) Enter one of the Program Options **P12E** - **P25E** that have been set for Key operation.
eg if code 2 has been assigned to a key enter P12E.
- 2) If **3E** is now entered and a button is pressed on key 2 then a signal reading is shown only for the key assigned to that code. Other keys are ignored in this case.
- 3) If **4E** is entered then the signal reading is shown for any key that is then activated.
- 4) Press **3E** to retest the same key or **4E** to test another radio key.

DETECTORS

- 1) Enter one of the Program Options **P01E** - **P08E** that have been set for detector operation. eg. P06E
- 2) If **3E** is now entered and detector 6 is triggered then a signal reading is shown only for the detector assigned to that code. Other detectors are ignored in this case.
- 3) If **4E** is entered then the signal reading is shown for any detector that is then activated.
- 4) Press **3E** to retest the same detector or **4E** to test another radio detector.

Note: For normal battery life of the PIR's ensure the **NORMAL** link is **ON**.

