

PROGRAMMING RADIO KEYS

The panel must be in **Installer Program mode**.
A Ness Radio Interface is required (100-200).

- Use option **P09E** to select which User Codes 2–8 will be Radio Codes. Use option **P10E** to select which User Codes 9–15 will be Radio Codes.
- Use **P12E** to **P25E** to select a User Code to program.
The User Code selected must already be assigned as a Radio Code by options P09E or P10E.
- Press **1E**
 - The READY light will turn ON when the panel is ready to accept the Radio Key.
 - If a code is already programmed the READY light will not turn on and a warning beep will sound. To clear the code, press 0E, then go back to step 3.
- Press the **OFF** button on the Radio Key to be programmed
 - If the Radio Key is accepted, the READY light will turn off & 3 beeps will sound.
 - If the READY light stays on and a long warning beep sounds, the Radio Key is already assigned to another User Code and must be cleared from that User Code first.

EXAMPLE To program a Radio Key on User Code 15.
CONTROL PANEL: press **P10E 7E P25E 1E**
RADIO KEY: press the **OFF** button

STEP BY STEP SUMMARY

- Select which User Codes will be Radio Codes
- Select a User Code to program
- Press 1E
(1) + (E)
- Press the OFF button on the Radio Key being programmed

USER CODE	Enable as a RADIO CODE	Select a RADIO KEY
1	User Code 1 is always a keypad code	
2	P09E	P12E
3		P13E
4		P14E
5		P15E
6		P16E
7		P17E
8	P10E	P18E
9		P19E
10		P20E
11		P21E
12		P22E
13		P23E
14		P24E
15	P25E	

To clear a Radio Code press **P[Option]E 0E**

PROGRAMMING RADIO DEVICES

The panel must be in **Installer Program mode**.
A Ness Radio Interface is required (100-200).

- Select a zone using **D8: P01E–P08E** or **D16: P101E–P116E**
The ARMED light will be ON if a Radio Device is already programmed to the zone. (If necessary, press 0E to delete the existing radio device).
- Press **1E**
The READY light will turn ON to indicate that the zone is ready to accept the Radio Device.
- Trigger the Radio Device
 - If the Radio Device is accepted, the READY light will turn off, the ARMED light will turn on and 3 beeps will sound.
 - If the READY light stays on and a warning beep sounds, the Radio Device is already assigned to another zone and must be cleared from that zone first.
 - If a SUPERVISION SIGNAL from the device has been successfully recognised, the TAMPER light will turn ON.

EXAMPLE To program a Radio PIR on zone 8.

D8 CONTROL PANEL: press **P08E 1E**
D16 CONTROL PANEL: press **P108E 1E**
RADIO PIR: Insert the battery

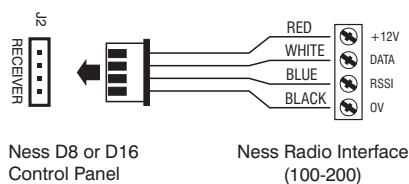
STEP BY STEP SUMMARY

- Select a zone
- Press 1E
(1) + (E)
- Trigger the device

ZONE	D8 OPTION	D16 OPTION
Zone 1	P01E	P101E
Zone 2	P02E	P102E
Zone 3	P03E	P103E
Zone 4	P04E	P104E
Zone 5	P05E	P105E
Zone 6	P06E	P106E
Zone 7	P07E	P107E
Zone 8	P08E	P108E
Zone 9		P109E
Zone 10		P110E
Zone 11		P111E
Zone 12		P112E
Zone 13		P113E
Zone 14		P114E
Zone 15		P115E
Zone 16		P116E

To clear a Radio Device press **P[Option]E 0E**

RADIO INTERFACE WIRING



SIGNAL STRENGTH

The Signal Strength test can be used to test the radio signal from any Ness radio device. The higher the number displayed (and beeped) the stronger the signal received.

- Enter the option for the radio device to be tested
For Radio Keys: options P12E–P25E.
For Radio Devices: options D8: P01E–P08E or D16: P101E–P116E
- Press **3E**
- Trigger the radio device
 - One of zone lights 1–8 will turn ON to indicate the signal strength from the transmitter
 - The Signal Strength display remains on until another command is entered
 - To clear the display and re-test the transmitter, simply press 3E again (or 4E to test any other transmitter)