

This set-up will show how to transmit four normally closed (in mode 2) or normally open devices (in mode 3) between a 703 Transmitter and a 768 Receiver.

Tip: It is better to set up the transmitter side by side with the receiver to start with, then once you have them working take the transmitter out to where you want to install it. That way you will know you have the units set up correctly and if the system is not working it is more than likely a range issue.

Set-up 703r

Note: If you are using normally closed inputs to trigger the 703r transmitter, there is NO programming necessary on the 703r as the default setting are correct for this set up, however if you have changed any of the settings the following will help: -

1. Press and hold the **SELECT KEY** until the display shows 'c' then release. the display will show 'oP'
2. Press the **SET KEY**: -

"n2" is Mode 2 = Four channel, normally closed, sending alarm and restore

"n3" is Mode 3 = Four channel, normally open, sending alarm and restore

"n1" is mode 1 = Four channel, normally open MOMENTARY NO RESTORE

NOTE: if you are using this mode the 768r receiver should also be in momentary mode, see below!

If the display is already showing the correct mode go to step 3.

If not, scroll with the **SET KEY** until the correct mode is displayed, now press the **SELECT KEY**, the displayed mode should now disappear and the red LED should light for 5 seconds, the new programming has now been stored into the system. You can now replace the cover.

3. If the display already shows the correct mode press and release the **SELECT KEY**, the display shows "oP".
4. **Press AND HOLD the SELECT KEY** until the display shows "r" then release, the "r" should now disappear and the red LED should light for 5 seconds, the new programming has now been stored into the system. You can now replace the cover.

Also note: For learning the 703r to a receiver by "Infra-red learning method" the 703r LED will have to be enabled (it is on by default) if it has been disabled see below (this is on page 15 of the 703r installation guide)

Enabling the LED on the 703r (the LED is on as default)

1. Enter programming mode by Pressing “**Select**” until a small “c” is displayed then release, “oP” is displayed.
2. Scroll with the “**Select**” button until you see “Ln”
3. Press and release “**Set**”
4. Now scroll with the “**Set**” button until “E” is displayed
5. Now press and release “**Select**”, “Ln” should be displayed
6. Leave programming mode by pressing and holding the “**Select**” button until a small “r” is displayed then release.

Set-up 768r

This method is utilising the “Infra-red learning method” (default) so the 703r transmitter(s) will have to be powered up and be next to the receiver. If you wish to learn via “Radio Learn” you will have to disable “Infra-red learning” (see 768r manual for details).

YOU WILL NEED A LINK IN INPUT ONE OF THE 703r TRANSMITTER!

1. Power up the 768r (NOTE: The first step is to delete any learnt devices from the 768r. if you do not want to do this then go to step 7)
2. Press the **SELECT KEY** until the display shows ‘dL’
3. Press the **SET KEY**
4. Display will show ‘C1’, (If you hear a low tone this will indicate that there are no learnt channels into the 768r if this is the case go to Step 6).
5. Press and hold the **RESET KEY (on the front of the panel door)** until the 768r double bleeps. The double bleep indicated the channel has been deleted.
6. Display will show ‘dL’
7. Press the **SELECT KEY** until the display shows ‘Ln’.
8. Press the **SET KEY**
9. Scroll with **Select** until “**C1**” is displayed to transmit to channels 1, 2, 3, & 4 OR “**C5**” to transmit to channels 5, 6, 7, & 8.
10. Press **Set**.
11. The display should alternate between ‘S-’ ‘d-’ & ‘C-’
12. Activate input 1 on the 703r (remove the link), immediately shine the Red transmit LED directly onto almost touching the learn sensor on the 768/9 receiver the unit should beep twice and display alternate between “**S0, C1 (or “C5”), d1**”. (i.e. shine the LED onto the learn sensor).
13. Press **Esc** until the displays shows **Ln**.
14. Press **Select** until the display shows ‘GO’
15. Press the **SET KEY**
16. Display shows ‘CL’ and bleeps until the lid tamper is closed
17. Close the lid.

If a second, third or fourth 703r transmitter are to be learnt onto the 768r start from step 7. Once learnt the additional transmitters have been learnt the unused inputs should be link out (for devices using normally closed going open to transmit).

Operation

If you learnt to "C1": -

Activating input **one** on the 703r transmitter will report to channel **one** and **A** on the 768r receiver.

Activating input **two** on the 703r transmitter will report to channel **two** and **A** on the 768r receiver.

Activating input **three** on the 703r transmitter will report to channel **three** and **A** on the 768r receiver.

Activating input **four** on the 703r transmitter will report to channel **four** and **A** on the 768r receiver.

OR, if you learnt to "C5": -

Activating input **one** on the 703r transmitter will report to channel **five** and **A** on the 768r receiver.

Activating input **two** on the 703r transmitter will report to channel **six** and **A** on the 768r receiver.

Activating input **three** on the 703r transmitter will report to channel **seven** and **A** on the 768r receiver.

Activating input **four** on the 703r transmitter will report to channel **eight** and **A** on the 768r receiver.

Momentary mode (**Only required** if the 703r is also in momentary mode):

If the 703r transmitter is in four channel Momentary mode then the 768r receiver should also be in this mode this mode should be programmed into the 768r receiver AFTER the 703r transmitter has been learnt into the receiver.

Programming for Momentary Mode: -

1. Press the **SELECT KEY** until the display shows 'OP'
2. Press the **SET KEY** display will show 'C1'
3. Press the **SET KEY** display may show "n2"
4. Press the **SELECT KEY** until the display show "n1"
5. Press the **SET KEY** display will show "OP"
6. Repeat for all remaining channels i.e. C2, C3 & C4
7. When all channels have been programmed you can leave the programming mode
8. Press the **SELECT KEY** until the display shows 'G0'
9. Press the **SET KEY** Display shows 'CL' and bleeps until the lid tamper is closed
10. Close the lid.

Operation of momentary mode: -

The 768r Receiver will switch the appropriate channel on for approximately four seconds then switch off.

Other part numbers: -

Optional Bigger Antenna (Internal / External) = 794r

Note: This antenna comes with 3m of coax, it is NOT advisable to extend the length.

If using this antenna on the 762r / 768r be sure to link the "ANTENNA SELECT" correctly (put the link to the "EXT" side).

Plug-on relay card (8 clean contacts to mimic the channels on the 768r). = 8600

Please note the above is not an official Cooper Security Document but has been written as an aid-memoir for the author. The information is believed to be correct but as with all programming and set-ups the system should be tested on site to ensure correct operation. This document may be subject to change without notification. Please feel free to report any errors or omissions.