



## CONTROL PANEL ADVANCED FEATURES

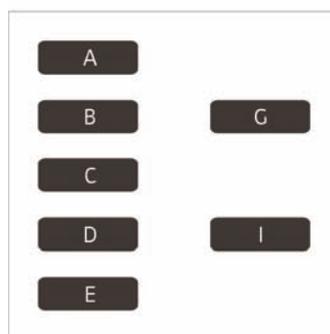
With the introduction of 10 button wireless control panels new advanced features have been introduced to both the 10 and 7 button control panels intended to give more flexibility when commissioning a system. Some features are designed to be utilised with certain button etching layouts and therefore part numbers. The features are however embedded in all the relevant 10 button panels with firmware version 2.3.3 or higher or 7 button panels with firmware version 2.3.2 or higher. This includes RCM, RCP, RCS and RAH07 controllers.

## HOW TO ENABLE FEATURES

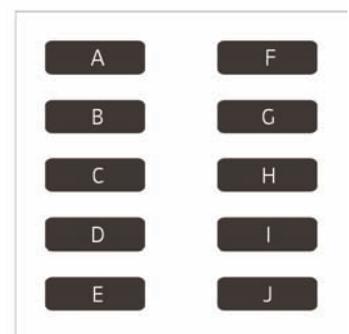
Advanced functions can be enabled by pressing and holding buttons on the control panels, in the sequences shown, for approximately 5 seconds, at which point the LED on the panel will start to flash to confirm that the change has been made. When the LED starts to flash the function will have been enabled and the buttons can be released.

All the instructions are given based on the standard button layout for either a 10 or 7 button panels as shown below. In all cases the buttons to be pressed are in the locations shown below.

7 BUTTON



10 BUTTON





MASTER HOUSE OFF – ALL 10 AND 7 BUTTON PANELS

This option allows the user to define the Off button to be a Master House Off button if held for more than 4 seconds turning all the lights in the House off. A short press will still work as a local room Off only.

7 Button	Action	10 Button
E + G	Enable	E + I
E + I	Disable	E + J

CHANNEL MODE - ALL 10 AND 7 BUTTON PANELS

This converts the function of the control panel from Scene control to giving individual channel On/Off control of up to 4 circuits on a 7 button controller or 7 circuits on a 10 button controller. Button 1 would toggle On/Off circuit 1, button 2 would control circuit 2 etc. The raise/lower buttons would then dim the last circuit selected, the Off button remains as Off for all circuits in the Room.

Note: Selecting Toggle between 100% and Off is recommended. When selecting Scene1 and Off it is possible that a channel might be programmed to be a low level, or Off, in which case this function would give the result of Toggle between Off and Off!

7 Button	Toggles Between	10 Button
E + A + G	Scene 1 and Off	E + A + I
E + B + G	100% and Off (recommended)	E + B + I
E + C + G	75% and Off	E + C + I
E + D + G	50% and Off	E + D + I
A + E + I	Returns to Scene Mode	A + E + J



## ROOM OFFSET - ALL 10 AND 7 BUTTON PANELS (RCM072 GIVES CORRECT BUTTON LEGEND FOR 7 BUTTON)

When Room Offset is selected the Raise/Lower (G+I for 7 Button or I+J for 10 Button) buttons become Scene 1/Off controls for another Room, the room number being assigned by either incrementing or decrementing the Room number from the base Room address set by the address switches on the back of the control panel. When the Room Offset is reset or when by incrementing and decrementing the offset is set back to 0 then the buttons return to standard operation. This function is particularly useful for stairway lighting; the 5 left hand buttons can give dimming control of the local area and the raise/lower buttons be set to give Scene 1/Off control of up/downstairs. On the other level the Room Offset can be reversed.

7 Button	Action	10 Button
E + C + I	Increment Room	E + C + J
E + D + I	Decrement Room	E + D + J
E + B + I	Reset	E + B + J

## BLIND OFFSET -10 BUTTON PANELS ONLY (RCM101 GIVES CORRECT BUTTON LEGEND).



When Blind Offset is selected the buttons for Scene 7, Raise/Lower become Open-Stop-Close commands for another Room, the room number being assigned by either incrementing or decrementing the Room number from the base Room address set by the address switches on the back of the control panel. When the Blind Offset is reset or when by incrementing and decrementing the offset is set back to 0 then the buttons return to standard operation for an RCM100 panel. This function is useful when one panel is needed to control both lighting and curtains or blinds.

Action	10 Button
Increment Room	E + C + F
Decrement Room	E + D + F
Reset	E + B + F



ROOM OFFSET CHANNEL SET - ALL 10 AND 7 BUTTON PANELS (RCM072 GIVES CORRECT BUTTON LEGEND FOR 7 BUTTON).

Room Offset Channel Set allows a control panel previously put in Room Offset mode to have the raise/lower (G+I for 7 Button or I+J for 10 Button) buttons act as an On/Off for a specific channel in the offset room and not as a whole room control. The start point is channel 0 thus incrementing by 1 gives control of channel 1.

7 Button	Action	10 Button
A + C + G	Increment Channel	A + C + I
A + D + G	Decrement Channel	A + D + I
A + B + G	Reset	A + B + I

DUAL ROOM OFFSET – 10 BUTTON PANELS ONLY (RCM102 GIVES CORRECT BUTTON LEGEND)



When Dual Room Offset is selected the buttons F+G become Scene 1/Off controls for another Room, the room number being assigned by either incrementing or decrementing the Room number from the base Room address set by the address switches on the back of the control panel. When the Dual Room Offset is reset or when by incrementing and decrementing the offset is set back to 0 then the buttons return to standard operation. This function is particularly useful for intermediate stairway Lighting; the 5 left hand buttons can give dimming control of the local area, buttons F+G be set to give Scene 1/Off control of upstairs and buttons I+J be set to give Scene 1/Off control of downstairs.

Note: The selection of Dual Room Offset only changes the function of the buttons F and G. The raise and lower functions (buttons I & J) would need to be changed using Room Offset as detailed above.

7 Button	Action	10 Button
N/A	Increment Room	E + C + H
N/A	Decrement Room	E + D + H
N/A	Reset	E + B + H



## FADE RATE - ALL 10 AND 7 BUTTON PANELS

This will change the fade rate of the modules/circuits in the Room that the panel controls.

7 Button	New Fade Rate (standard is 2)	10 Button
E + A	2 Seconds (standard)	E + A
E + B	4 Seconds	E + B
E + C	1 Second	E + C
E + D	0 Seconds	E + D

## DUAL ROOM - 10 BUTTON PANELS ONLY (RCM103 GIVES CORRECT BUTTON LEGEND)

This allows a 10 button plate to give control of two separate Rooms with Scenes 1-4 + Off control in each Room. The address of the second Room is incremented or decremented from the base address of the control panel which is set using the address switches.



7 Button	Action	10 Button
N/A	Increment Room	E + C + G
N/A	Decrement Room	E + D + G
N/A	Reset	E + B + G

## SCENE OFFSET - ALL 10 AND 7 BUTTON PANELS

This mode allows the user to shift the scenes controlled by the buttons by incrementing or decrementing the standard scene number by one each time. Thus a 7 button panel that would normally control scenes 1-4 would control scenes 2-5 after the first Action and 3-6 after the second Action.

7 Button	Action	10 Button
A + C + I	Increment Scenes	A + C + J
A + D + I	Decrement Scenes	A + D + J
A + B + I	Reset	A + B + J



## CHANNEL OFFSET - ALL 10 AND 7 BUTTON PANELS

This mode works solely when a panel is set in Channel Mode (see above) and allows the user to change the channels operated from the default channels 1-4. To make this change the panel needs to be set to Room 129 (Address Switches 1 + 8 On) before resetting to the required Room number.

7 Button	Action	10 Button
Button to be changed + G	Increment Channel	Button to be changed + I
Button to be changed + I	Decrement Channel	Button to be changed + J

## POWER UP MODE - ALL 10 AND 7 BUTTON PANELS

This allows the user to change the power up mode of any receivers in a Room. This is useful if Rasoft is not available and the power up mode needs to be changed from the default setting of full on. The power up mode can be changed to any of the Scene levels, Off or Last Scene. This is a two stage action, first enter mode, then make the desired selection.

7 Button	Action	10 Button
B + D + G + I	Enter Mode	B + D + I + J

Then

7 Button	Press to Power Up To	10 Button
A	Scene 1	A
B	Scene 2	B
C	Scene 3	C
D	Scene 4	D
E	Off	E
G	100%	I
I	Last Scene	J



RESET DEFAULTS - ALL 10 AND 7 BUTTON PANELS

Almost all of the above features have their own individual reset function. Some of the above features can be used together and it is possible to get in a confusing state where it is no longer clear what the panel does or how to reset all of the individual actions. In this case the Reset Defaults function can be useful, resetting the panel to its factory default settings.

Note: To use this function the House address must first be set to 0.

7 Button	Action	10 Button
C + D + I	Reset Defaults	C + D + J

TWO BUTTON FADE RATE – 2, 4, 3 AND 6 BUTTON PANELS ONLY

This option allows the user to change the fade rate to zero from a two button On/Off control panel. This option is useful if the plate is being used to switch modules such as the RMS800 which may need a delay for when used in conjunction with dimmer modules but which appears as 'slow reaction' when used alone.

Pressing both buttons initially sends an Ident command for addressing receivers, the buttons must be held for between 10 and 15 seconds to implement this change. This is a two stage action, first enter mode, then make the desired selection.

All Options	Action (Hold for 10 Seconds until LED solid)
B + D	Enter Mode

All Options	To Select
B	2 Second Delay
D	Zero Fade Rate (Switch)