

FocusHAND 2



Keypad and Base Unit

The focusHAND 2 is a wireless system designed to remotely operate dimming controlled by DMX512 to ease and speed up focusing.

The system comprises 2 units.

The **Remote** is a keypad for use by the rigger, with belt clip and on/off switch.

The **Base Unit** is mains powered, has 5-pin XLR male and female connectors to allow easy insertion into the DMX control line between lighting board and dimmers.

The Base Unit

Insert the base unit into the DMX control line between the lighting board and the dimmers, using the 5-pin XLR connectors on the rear of the unit. Set the antenna vertical, and for best performance avoid placing the unit near large metal objects. This unit is mains powered. In the case of a mains failure the unit automatically returns control to the lighting board.

LED COLOUR	LABEL	MEANING WHEN LIT
GREEN	ON	Power is on and the internal processor is working
YELLOW	ACTIVE	The Base Unit has transferred control to the Remote
YELLOW	RECEIVE	A valid signal from the remote has been received

The Remote Unit

The Remote Unit has 16 keys and an on/off slide switch. Power consumption is minimal, for commands are transmitted only when the key is pressed. Altering the button illumination period will affect the battery life.

To change the key illumination time:

- 1 switch off the remote unit using the slide switch
- 2 press and hold either FUNC, @ , → or ENTER
- 3 switch on the remote unit
- 4 wait until the keys start to blink (\approx 5 seconds)
- 5 release the key

KEY	TIME
FUNC	5 seconds
@	12 seconds
→	25 seconds
ENTER	Always on

1 Up	2	3	Func
4 Down	5	6	@
7 Next	8	9	→
0 Prev	+	-	Enter

Keypad layout

Operation

To **ACTIVATE** the Remote press **[+] [+] [ENTER]**

This transfers control to the Remote and disables commands from the lighting board.

To **DEACTIVATE** the Remote press **[-] [-] [ENTER]**

This transfers control from the Remote back to the lighting board.

In case of mains failure the Base Unit automatically returns control to the lighting board.

Please see over for keypad dimmer operation.

Keypad Dimmer Operation

Action Required	Key-Presses	Examples
Single Dimmer at Full	Channel number, Enter	[1] [2] [ENTER] Channel 12 at 100%
Single Dimmer at a percentage In 10% steps	Channel number, @, [1...9]	[7] [@] [5] Channel 7 at 50%
Adjust Output level This command affects all selected channels	@, [0...9]	[@] [4] All dimmer outputs at 40%
Selecting a group of dimmers	[→](Thru), [-], [+] can be used in combination	[1] [→] [6] [ENTER] Channels 1 to 6 selected [4] [+] [9] [+] [1] [0] [ENTER] Channels 4, 9 and 10 selected [1] [→] [6] [+] [9] [ENTER] Channels 1 to 6 and 9 selected [1] [→] [6] [-] [4] [ENTER] Channels 1, 2, 3, 5 and 6 selected
Adding dimmers	Use [+] followed by channel numbers. [→](Thru) can be used.	[+] [7] [ENTER] Adds channel 7 to the existing selection [+] [1] [→] [6] [ENTER] Adds channels 1 to 6 to the existing selection
Removing dimmers	Use [-] followed by channel numbers. [→] (Thru) can be used.	[-] [5] [ENTER] Removes channel 5 from the selection [-] [4] [→] [1] [0] [ENTER] Removes channels 4 to 10 from the selection
Remove all dimmers	[0], Enter	[0] [ENTER]
Toggle between the current and last selections	Press [Enter] alone	[ENTER] Return to last selection

Press the [FUNC] key to access the alternate functions on the keys in the left-hand column. These function settings remain in force until the [ENTER] key is pressed, when they return to their normal number settings.

KEY	ACTION
Up	Increases level Up to 100% in steps
Down	Reduces level Down to 0% in steps
Next	Selects (channel + 1) Returns channel to 0%. New channel at level setting in force.
Previous	Selects (channel - 1) Returns channel to 0%. New channel at level setting in force.
Enter	Releases Function operation and returns keys to normal.



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