

Fixtures can be selected, and their intensity set, using syntax commands. Syntax commands can be typed into the command line found at the bottom of the external monitor.

The first part of the syntax command selects the fixtures, and the second part of the syntax command sets the intensity. If your fixtures are already selected, perhaps via the channel buttons, you can therefore simply set the intensity, as there is no need to select fixtures if they are already selected.

To control the intensity of a fixture(s) via the numeric keypad, commands can be typed like this:

Channel Number (s) Intensity (in %)

If is pressed instead of , the fixtures select, meaning you can simply select fixtures without setting an intensity if required.

Examples

Examples of valid commands are below:

1, @ 100,

This sets the intensity of channel 1 to 100%.

2, And 3, @ 75,

This sets the intensity of channels 2 and 3 to 75%.

5 Thru 10, @ 50,

This sets the intensity of channels 5 through to 10 to 50%.

5 Thru 10, Except 7, @ 65,

This sets the intensity of channels 5, 6, 8, 9 and 10 to 65%.

3 Thru 9, Except 5, Except 6, @ 0,

This sets the intensity of channels 3, 4, 7, 8 and 9 to 0%. Note how Except is used twice to exclude two different

channels from the range.

1 Thru 3 And 7 Thru 9 @ 2 5 Enter

1 Thru 3, And 7 Thru 9, @ 25,

This sets the intensity of channels 1, 2, 3, 7, 8, and 9 to 25%.

1 And 7 Thru 12 Except 9 @ 5 Enter

1, And 7 Thru 12, Except 9, @ 5,

This sets the intensity of channels 1, 7, 8, 10, 11 and 12 to 5%.

Shortcuts

There are also some shortcuts available:

1, @ @,

@@ is a shortcut which quickly sets the intensity to 100%.

1, @ .,

@. (at dot) is a shortcut which quickly sets the intensity to 0%.

Enter Enter, @ .,

Enter Enter is a shortcut which quickly selects all the channels that are currently on (above 0%). In this example, it then takes them to 0% using the @. shortcut (resulting in a blackout).

MULTICELL FIXTURE CONTROL

Some fixtures, such as LED battens, or moving wash lights, have multiple light sources that can be controlled individually. When controlling these fixtures, you have the ability to select, and control the intensity, of each cell/segment/zone/pixel of the fixture individually.

Individual cells can be selected using commands, by using the syntax:

Fixture number [.] Cell Number

For example:

1 . 2 @ 1 0 0 Enter

1 . 2, @ 100,

This sets the intensity of cell 2 of fixture 1 to 100%.

2 . 3 And 2 . 4 @ 7 5 Enter

2 . 3, And 2 . 4, @ 75,

2 . 3 And . 4 @ 7 5 Enter

2 . 3, And . 4, @ 75,

Both of these sets the intensity of cells 3 and 4 of fixture 2 to 75%.

3 . 5 Thru . 10 @ 5 0 Enter

3 . 5 Thru . 10, @ 50,

This sets the intensity of cells 5 through to 10 of fixture 3 to 50%.

4 . 5 Thru . 10 Except . 7 @ 6 5 Enter

4 . 5 Thru . 10, Except . 7, @ 65,

This sets the intensity of cells 5, 6, 8, 9 and 10 of fixture 4 to 65%.

1 . 3 Thru . 9 Except . 5 Except . 6 @ 0 Enter

1 . 3 Thru . 9, Except . 5, Except . 6, @ 0,

This sets the intensity of cells 3, 4, 7, 8 and 9 of fixture 1 to 0%. Note how Except is used twice to exclude two different cells from the range.

1 . 2 Thru . 4 And 2 . 7 Thru 3 . 4 @ 2 5 Enter

1 . 2 Thru . 4, And 2 . 7 Thru 3 . 4, @ 25,

This sets the intensity of cells 2, 3, & 4 of fixture 1, and cell 7 of fixture 2 through to cell 4 of fixture 3 to 25%.

2 Thru 3 Enter . 2 Thru . 4 Enter

2 Thru 3, . 2 Thru . 4,

This selects cells 2 through to 4, of both fixtures 2 and 3.

. Enter can be used, to toggle between your current fixture selection selecting whole multicell fixtures, or all of the cells of a multicell fixture. Both selections will give you similar results when making control value changes, however will give you very different results when fanning colours, or effects, across the current selection.

When multicell fixtures are selected as whole fixtures, all cells are "linked", meaning when you fan colours, or run effects across multiple cells of multicell fixtures, all of the cells of each fixture will be outputting the same values. This is the standard behaviour when using [standard syntax commands](#).

When multicell fixtures are selected as cells, the cells are fanned individually, in the order of selection.

Scaling Syntax

As well as taking fixtures or cells to a defined level, they can also be taken to a defined percentage of the level they're currently at. This can be done by using "@ +" or "@ -" syntax commands. To access "+" and "-" on FLX, hold **Shift** and tap the up or down arrows respectively.

For example, if fixture 1 is at 100%, and fixture 2 is at 50%, type the following syntax command:

1 **And** **2** **@** (**Shift** - **Down**) **5** **0** **Enter**

1, And 2, @ -50,

This will result in fixture 1 and 2 being at 50% of their current levels, and will therefore be taken to 50% and 25% respectively.

If fixture 1 is at 30%, and fixture 2 is at 60%, type the following syntax command:

1 **And** **2** **@** (**Shift** - **Up**) **5** **0** **Enter**

1, And 2, @ +50,

This will result in fixture 1 and 2 being 50% higher than their current levels, and will therefore be taken to 45% and 90% respectively.