USER MANUAL

WALL WASHER - XF36VCRGB

INSTRUCTIONS

Congratulations on your new acquisition of an xFocus LED product. It has been designed for years of trouble-free use. Should you have any questions regarding this product, feel free to contact us using our website at www.theatrixx.com, or by phone at 1-800-939-3077.
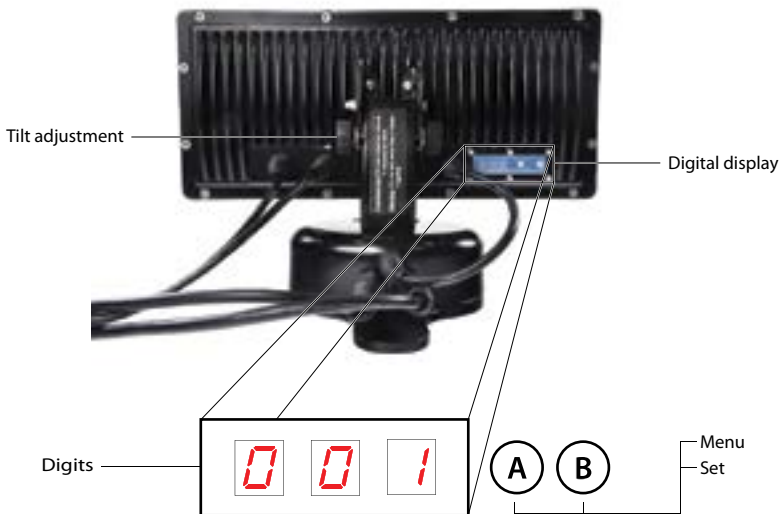
The xFocus Wall Washer is perfectly suited for many applications such as backdrop illumination, stage effects, truss toning or architectural lighting. It is controlled using a simple 3-channel DMX protocol or can be used stand-alone in a master-slave configuration.

1. Unpacking

Remove the unit from its protective Styrofoam housing and take out the plastic bag. Ensure the box contains the following:

- xFocus Wall Washer unit

- Warranty card

- This user manual

Familiarize yourself with the unit controls and connections:

- Do not energize the unit while it is still in its packaging.

- Do not cover the unit either totally or partially during operation.

- In the event AC cables appear damaged, do not plug in the unit in AC power and return it to your dealer for repair.

- This unit is intended for professional use only. Not for domestic use.

- Electrical grounding must be observed at any time to avoid electrical shock.

- This unit contains a glass lens. Use precaution when handling the unit as not to break the glass.

- This unit emits class 2 LED radiations. Do not stare directly in the light beam at a close distance for more than 0.25s to avoid eye damage.

2. Installation

The unit can be mounted in different ways using the yoke mounting hole at the bottom of the fixture. Any standard C-clamp type device (sold separately) may be used. The fixture may also be placed on a stable horizontal surface with no other attachment needed.

Once the desired mounting position has been achieved the small thumbwheel on the yoke can be loosened in order to adjust tilt of the LED head by +/- 90 degrees. Tighten the thumbwheel to secure the chosen tilt angle.

Connect AC power and DMX connectors (if required). You may daisy chain power for up to 6 units, while DMX data may be daisy chained for a maximum of 32 units. Always use a 120-ohm DMX line terminator on the last fixture to avoid data transmission issues.

3. DMX operations

This xFocus product responds to standard DMX-512A control signals. It is equipped by default with 3-pin input and thru cable connectors, but 5-pin connectors may be specified at ordering. The fixture has a fixed DMX footprint of 3-channels:

The unit is factory-set to DMX starting address 001, but may be adjusted to any value between 001-510 using the digital display and menu buttons at the rear of the LED head:

DMX offset	Range	Function
0	0-255	Red intensity
1	0-255	Green intensity
2	0-255	Blue intensity

A. Press the « A » key once to enter programming mode.
The active digit (hundreds) will begin flashing.

B. Use the « B » key to set the active digit (hundreds).
The digit will increment by 1 with every key press.

C. Press the « A » key to move on the next digit.

D. Repeat steps 2 and 3 to set the last digit of the desired DMX address.

E. The active digit will stop flashing after ten seconds of not pressing any buttons and the value will be stored in the device.

NOTE: If power is removed while the display is still flashing, the modifications will not be stored. Please ensure the display has stopped flashing before disconnecting power.

If DMX signal is lost during operation, the fixture will hold the output for 1 second, and then revert to stand-alone mode (see below).

4. Stand-alone operation

For simple setups or demonstrations purposes a stand-alone mode is included with this fixture. Stand-alone mode is automatically activated when no DMX signal is present. As soon as DMX signal is detected, the mode will exit and the fixture will revert to DMX control.

The stand-alone mode includes 7 basic static colors, a blackout mode and three full-spectrum color chases, as described below. The blackout mode is particularly useful to prevent unwanted output when DMX signal is lost.

To set the desired stand-alone mode, use a similar procedure than when setting the DMX starting address:

A. Press the « A » key 4 times or until "P" is displayed on the first digit of the display. The second digit will blink to indicate the current mode.

B. Press the « B » key to scroll trough available modes. Refer to the table below for available modes.

C. Once the desired mode is selected, press the « A » key again to adjust the related setting for that mode

D. Press the « B » key to scroll trough intensity or speed levels. Refer to the table below for available settings:

E. The active digit will stop flashing after ten seconds if not pressing any buttons and the value will be stored in the device.

Display	Mode	Setting
P00	Black out	9 intensity levels
P1x	Static red	9 intensity levels
P2x	Static green	9 intensity levels
P3x	Static yellow	9 intensity levels
P4x	Static blue	9 intensity levels
P5x	Static magenta	9 intensity levels
P6x	Static cyan	9 intensity levels
P7x	Static white	9 intensity levels
P8x	Color snap	9 speed levels
P9x	Color fade	9 speed levels
PAx	Color strobe	9 speed levels

TIP : It is possible to daisy chain multiple units together when running in stand-alone mode. Simply plug the units' XLR connectors together, and set the DMX address on the master unit to 001. All other slave units should be set to a DMX address other than 001, but the exact address does not matter.

5. Specifications

- **36 LEDs**   12 red, 12 green, 12 blue
- **Beam angle**   15° or 30° available
- **Lifetime**   50 000 hours at 70 % brightness
- **Control**   DMX512A or 10 built-in programs
- **Manufacturing**   Aluminum alloy
- **Temperature**   -30°C ~50°C
- **Power consumption**   55 W
- **IP65**   Dust and water proof
- **Length**   330.2 mm (13")
- **Width**   177.8 mm (7")
- **Height**   203.2 mm (8")
- **Weight**   4.08 kg (9 lbs)
- **Package dimensions**   L 368.3mm (14.5") x l 190.5mm (7.5")
                              h 254mm (10")

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