# EVENT LIGHTING

## Variable White Fresnel with Manual Zoom

## F200VW

## USER MANUAL



**For safety, please read this user manual carefully before initial use.**

Event Lighting reserves the right to revise the manual at any time. Information and specifications within this manual are subject to change without notice. Event Lighting assumes no liability or responsibility for any errors or omissions. Please consult Event Lighting for any clarification or information regarding this item.
www.eventec.com.au

# CONTENTS

# Safety Instructions

**WARNING**

• Do not open this device, there is no user-serviceable parts inside. Risk of electric shock.

• Do not look at the light source when the device is on.

• **CAUTION**: This unit's housing may be hot during and after operation.

• Install this device in a location with adequate ventilation, at least 20 inch (50 cm) from adjacent surfaces.

• Do not leave any flammable material within 50 cm of this unit while operating or connected to power.

• Use a safety chain when mounting this device overhead.

• Do not operate this device outdoors or in any location where dust, excessive heat, water, or humidity may affect it.

• Do not operate this device if the housing, lenses, or cables appear damaged.

• Do not connect this device to a dimmer or rheostat.

• ONLY connect this device to a grounded and protected circuit.

• ONLY use the hanging bracket to carry this device.

• In case of a serious operating problem, stop using immediately.

• The maximum ambient temperature is 104° F (40° C). Do not operate this device at higher temperatures.

## Power Input & Power Linking

This device has an auto-switching power supply work with input voltage range of 100~240 VAC, 50/60 Hz.

Link up to the maximum 8A. DO NOT exceed this number.

# Product Installation

This device can be mounted in many orientations provided each individual device is secured by the use of correct mounting bracket.

Use a safety chain when mounting this device overhead.

## Fuse Replacement

If the fine-wire fuse of the device fuses, only replace the fuse by a fuse of same type and rating.

Before replacing the fuse, unplug mains lead.

**Procedure:**

Step 1: Unscrew the fuse holder on the rear panel with a fitting screwdriver from the housing (anticlockwise).

Step 2: Remove the old fuse from the fuse holder.

Step 3: Install the new fuse in the fuse holder.

Step 4: Replace the fuse holder in the housing and fix it.

# Lux Chart

| Lux @20° | | | | F200VW |
|---|---|---|---|---|
| Distance From Source | 1m / 3'3" | 2m / 6'7" | 3m / 9'10" | 4m / 13'2" |
| 2600K | 13,065 | 3,300 | 1,530 | 844 |
| 6600K | 17,950 | 4,670 | 2,216 | 1,185 |
| Full | 30,170 | 7,816 | 3,550 | 1,993 |
| Diameter | ∅0.36m / 1'2" | ∅0.72m / 2'4" | ∅1.08m / 3'7" | ∅1.44m / 4'9" |

| Lux @53° | | | | F200VW |
|---|---|---|---|---|
| Distance From Source | 1m / 3'3" | 2m / 6'7" | 3m / 9'10" | 4m / 13'2" |
| 2600K | 3,770 | 1,010 | 445 | 255 |
| 6600K | 5,265 | 1,395 | 612 | 355 |
| Full | 8,865 | 2,345 | 1,025 | 596 |
| Diameter | ∅0.99m / 3'3" | ∅1.98m / 6'6" | ∅2.96m / 9'9" | ∅3.95m / 12'12" |

# Dimensions

200

Ø180

166.8

166.8

200

217.5
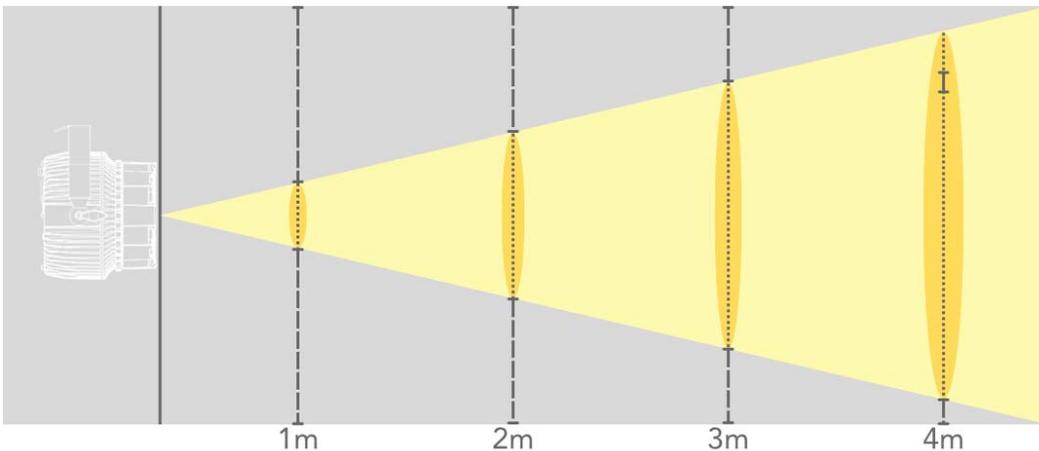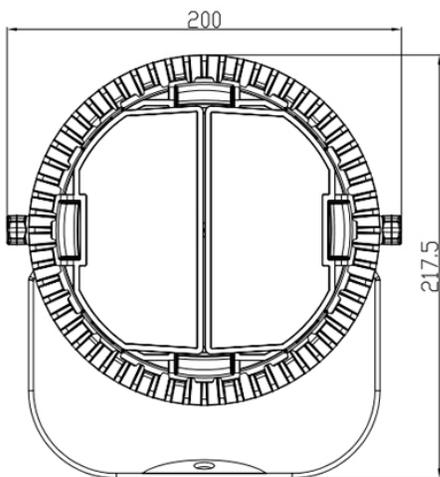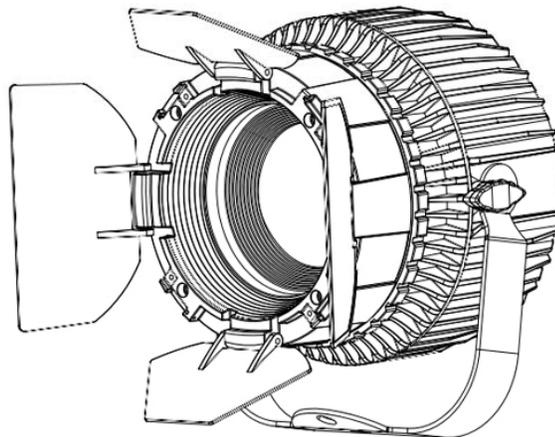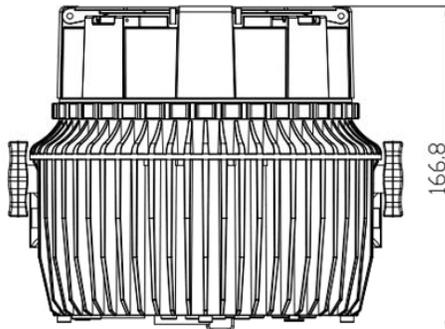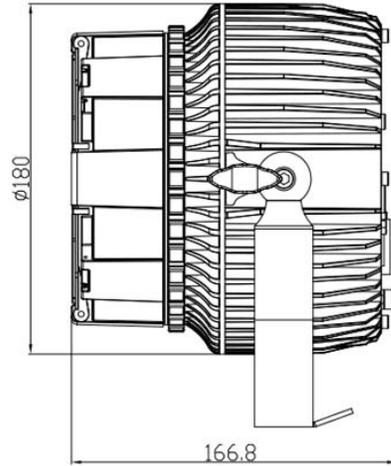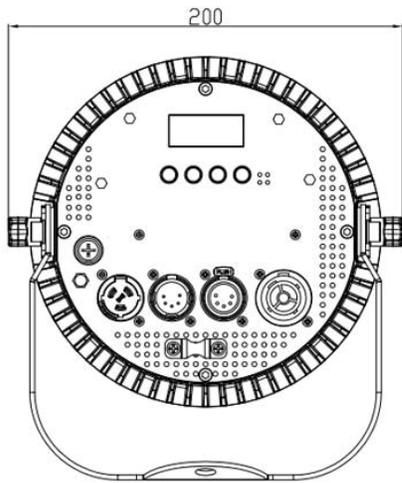
F200VW

# CONTROL BOARD OPERATION

| Display | Options / Values | Function |
|---|---|---|
| DMX Add | <001> - <508> | To set DMX address |
| DMX Cha | <01>, <1U><02>, <05>,<07><User> | To set DMX channel modes |
| DMXLoss | <Hold><Blacko><Manual> | Select mode when DMX loss |
| UserDMX | CH:<01>  End | Edit a user DMX mode |
| Manual | Preset <StraW> <WarmW> <White> <CoolW> <Steel> | To select colour from 5 preset colour temperature modes |
| | Finetune <Straw> <Straw+> <Stra++> <- -Warm> <-WarmW> <WarmW> <WarmW+> <Warm++> <- -Whit><-White> <White> <White+> <Whit++> <- -Cool> <-CoolW> <CoolW> <CoolW+> <Cool++> <- -Stee> <-Steel> <Steel> | To select colour from 21 fine tune colour temperature modes |
| | Dimmer <000> - <100> | To set dimming intensity |
| Mas/Sla | < Sla> / <Mas> | To set Master/Slave modes |
| Wireless | <ON><OFF> <EL Mode> <W-DMX_R> <W-DMX_T> | You need to install WDMX module inside the fixture first and then receive the DMX signal from the transmitter attached to the console by setting this on |
| Reset | <N> / <Y> | To reset factory default setting |
| Update | <N>/ <Y> | Select to update firmware |
| | <START> | Use this fixture to update another fixture's software |

**DMX Addressing:**

After selecting the "DMX Add" press "Enter", use "Up" and "Down" buttons to select the desired DMX address, press "Enter" to save new setting

**DMX Modes**

After selecting the "DMX Cha" press "Enter", use "Up" and "Down" buttons to select the desired DMX mode, press "Enter" to save new setting

**DMX Loss**

Give users the ability to set what they want as the DMX Loss.

- By Standard ,out of the box, if in DMX mode and no signal = hold along with, if receiving DMX signal and loss = hold last signal

- Give users the ability to select, call on the menu DMX Loss then let users choose Hold (hold last signal), Blackout, Manual (last manual colour) or Auto (last Auto show selected) -

**User DMX**

Under this item, you can essentially pick a channel and assign a function of the DMX mode.

So for example, once 'User DMX'  is selected, you can click through the channels so by default it may be the max amount of channels allocated, then you can re-arrange as you please and once you are finish, put an option to have the last channel 'End' so that it stops. Say you want 10 channels, the 11th channel would be End. making it a 10 channel user mode.Then to select this mode, under DMX Channel mode it would just be 'User'.

**Manual**

After entering "Manual" mode, use "Up" and "Down" buttons to select the colour from preset colour group and fine tune group, set intensity from 000 to 255, press "Enter" to save new setting

**Master/Slave**

Set the master fixture to one of the standalone operating modes.
Set the slave, enter "Mas/Sla" mode, set to "Slave", press "Enter" to save the setting.

**Firmware update**

Use fixture A to update fixture B's firmware

- Set fixture A to "Update" mode, select "Y" then select "START"
- Link fixture A and fixture B with DMX cable, then power up fixture B
- Press "Enter" on fixture A, fixture B's firmware will be copied from fixture A.

*Ensure that fixture A and B are of the same type, otherwise damage may occur.

* Only fixture A and B should be in the DMX chain when updating firmware.

# Fade Mode
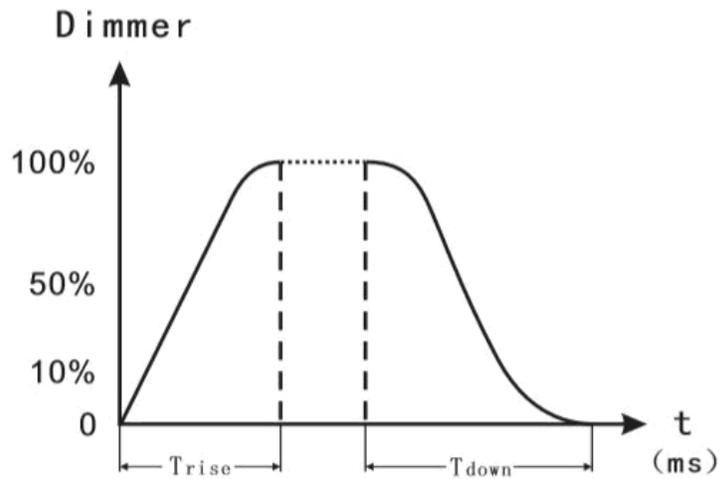


| DMX mode \ DMX delay | Trise (ms) | Tdown (ms) |
|---|---|---|
| Standard | 0 | 0 |
| Stage | 300 | 600 |
| TV | 500 | 800 |
| Architec | 600 | 1000 |
| Theatre | 620 | 1500 |

# DMX Chart

**1 channels Mode**

| Channel | Value | Function |
|---|---|---|
| 1 | 000 - 255 | Dimmer & Colour temperature |

**1U channels Mode**

| Channel | Value | Function |
|---|---|---|
| 1U | 000 - 255 | Dimmer (dim the preset color selected in Menu) |

**2 channels Mode**

| Channel | Value | Function |
|---|---|---|
| 1 | 000 - 255 | Dimmer 0% ~ 100% |
| 2 | 000 - 255 | Warm white to cool white |

**5 channels Mode**

| Channel | Value | Function |
|---------|-------|----------|
| 1 | 000 - 255 | Master dimmer coarse: 0% ~ 100% |
| 2 | 000 - 255 | Master dimmer fine: 0% ~ 100% |
| 3 | 000 - 255 | Warm white to cool white |
| 4 | 000 - 015 | No function(Shutter on) |
| | 016 - 119 | Strobe slow to fast (1-25Hz) |
| | 120 - 127 | Shutter on |
| | 128 - 183 | Strobe random slow to fast |
| | 184 - 191 | Shutter on |
| | 192 - 247 | Strobe audio sensitivity low to high |
| | 248 - 255 | Shutter on |
| 5 | 000 - 050 | Standard |
| | 051 - 101 | Stage |
| | 102 - 152 | TV |
| | 153 - 203 | Architect |
| | 204- 255 | Theater |

**7 channels Mode**

| Channel | Value | Function |
|---------|-------|----------|
| 1 | 000 - 255 | Master dimmer coarse: 0% ~ 100% |
| 2 | 000 - 255 | Master dimmer fine: 0% ~ 100% |
| 3 | 000 - 255 | Warm White |
| 4 | 000-255 | Cool White |
| 5 | 000 - 015 | No function(Shutter on) |
| | 016 - 119 | Strobe slow to fast (1-25Hz) |
| | 120 - 127 | Shutter on |
| | 128 - 183 | Strobe random slow to fast |
| | 184 - 191 | Shutter on |
| | 192 - 247 | Strobe audio sensitivity low to high |
| | 248 - 255 | Shutter on |
| 6 | 000 - 009 | No function |
| | 010 - 255 | Preset Colours  (Warm->Cold) |
| 7 | 000 - 050 | Standard |
| | 051 - 101 | Stage |
| | 102 - 152 | TV |
| | 153 - 203 | Architect |
| | 204- 255 | Theater |

# TECHNICAL SPECIFICATIONS

**Power**

Power Supply: 100~240V AC, 50/60 Hz

Power Consumption: 120W

Power Connection: Seetronic in / out

**Photometrics**

Light Source: 1 x 100W*2 cool white 6500K and warm white 2700K COB LED

CRI: 95+

Beam Angle: 20° - 53°

Field Angle: 34° - 70°

Output: 3550 lux @3M at 20°, 1025 lux @3M at 53°

Lens: 80mm Planconvex lens

PWM: 1,200Hz

LED Lifespan: 50,000 hours

**Effects**

Dimming: 16-bit 0 - 100%

Strobe: 1 – 25 Hz

Zoom: Manual Zoom 20° to 53°

Barn Door: Included

Gel Clip: Included

**Control**

Operational Modes: Manual, Master / Slave & DMX ,WDMX, RDM

Display: 4-button LCD control panel

DMX Protocol: DMX512

DMX Channel Mode: 1 / 1U / 2 / 5 / 7 / User

DMX Interface: 5-pin XLR (Optional 3-pin XLR)

**Housing**

Housing Materials: Die- cast Aluminum Housing

Housing Finishing: Matte Black

Cooling: Fanless Cooling with Temperature Protection

Net Weight: 3.2 kg

Dimension: 217.5 X 167 X 200mm

# WARRANTY

**Please refer to your local dealer or please contact Eventec**

**Website: www.eventec.com.au.**