Hires

Martin MAC 2000 Profile

High quality 1.2kW profile mover. Note that this is a large, high quality professional fixture and requires a DMX lighting desk to operate, and suitable rigging points for hanging them - Oxford Playhouse and the O'Reilly can support this, anywhere else will be assessed individually.

Power to the unit is provided via a 16A connection, hence this unit works without adaptors in the O'Reilly Theatre, but will need an adaptor for most venues which TAFF is able to supply as a separate hire. DMX data is in/out via either XLR 5-pin connectors or XLR 3-pin connectors.

Operation

The unit must be operated under DMX control via digital lighting desk. Any ETC Eos Family console, as well as number of alternatives, will be sufficient. If using a zero88 Jester lighting desk, it must have moving light controls, i.e. have "ML" in the model name.
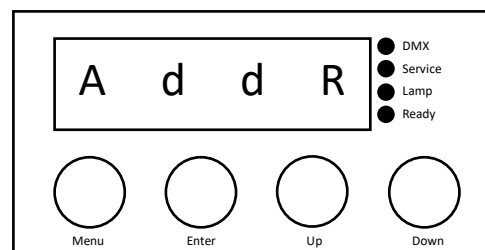
Powering ON

When the unit is powered, on it will complete a movement check before it is ready for use. It is important the unit is given enough space to complete this check. The **Ready** LED will light up once the unit is prepared to receive instructions.

Display

Buttons:

MENU: Select the parameter or setting
ENTER: Confirm value or setting
UP: Increase parameter value
DOWN: Decrease parameter value

DMX Mode Setup

In order to set the start-address of the unit, the user should use the **UP** and **DOWN** keys to scroll to AddR on the display followed by **ENTER**. They should then select the address number using the **UP** and **DOWN** keys followed by **ENTER**. The unit takes up 24 channels in 16-bit mode and a table of these DMX protocols are included on the next page. *The unit will remember the address when switched off.*

In order to patch the unit onto an ETC Eos system, for example onto Channel 30 where the start address has been set to 250, the user should first go to the **Patch** tab on the console. They should then enter the following keystrokes on the console: '3' '0' '@' '2' '5' '0' 'ENTER'. This should appear as "Channel 30 Address 250 ◊". They should then click on **Type** in the right-hand window and search "**Martin MAC 2000 Profile 16B**" and select it when it appears. *There may be various versions of the fixture personality on Eos, but this is the personality that must be selected for proper functionality.*

Lamp ON and OFF

The lamp in the unit is not automatically powered on. In order to '**Lamp ON**' the unit on an ETC Eos system, the user should select the channel and then press **About** on the system. The user should then select **Lamp Controls** on the right-hand side and then select **Lamp ON**. It may then take the unit up to 60 seconds for the lamp to warm up before it is at operating intensity.

The unit should be lamped off before power is disconnected. To lamp off, the same instructions as above should be followed but this time **Lamp OFF** should be selected on the **Lamp Controls** menu.

DMX Chart

Channel	Value	Function
1		**Shutter, Strobe, Reset, Lamp On/Off**
2	0 – 255	**Intensity (Dimmer Blades)**
3	0 – 255	**Cyan**
4	0 – 255	**Magenta**
5	0 – 255	**Yellow**
6	0 – 255	**CTC**
7		**Colour/Gobo Wheel**
8		**Gobo Wheel 1, Gobo and Function**
9	0 – 255	**Gobo Wheel 1, Position/Velocity**
10	0 – 255	**Gobo Wheel 1, Fine Position**
11		**Gobo Wheel 1, Gobo and Function**
12		**Gobo Wheel 1, Position/Velocity**
13	0 – 255	**Gobo Wheel 1, Fine Position**
14	0 – 255	**Effect Wheel Selection and MACROs**
15		**Effect Wheel Position/Velocity**
16		**Iris**
17	0 – 255	**Focus**
18	0 – 255	**Zoom**
19	0 – 255	**Pan coarse**
20	0 – 255	**Pan fine**
21	0 – 255	**Tilt coarse**
22	0 – 255	**Tilt fine**
23		**Speed: Pan/Tilt movement**
24		**Speed: Intensity**

Please note that any channels in the table above that do not have a value have various values for different settings. Should you require this information, it is available in the full manual for the unit.