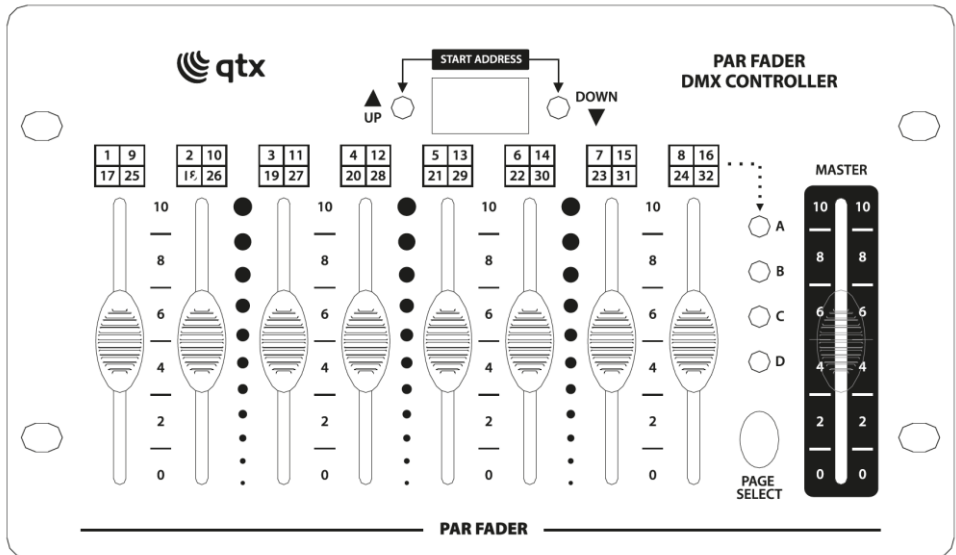# PAR FADER

Item ref: 154.098UK

32 Channel DMX Controller

User Manual
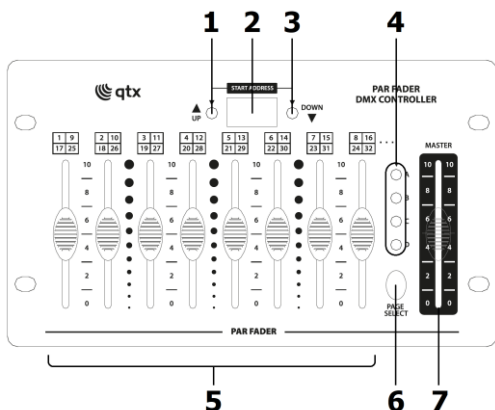

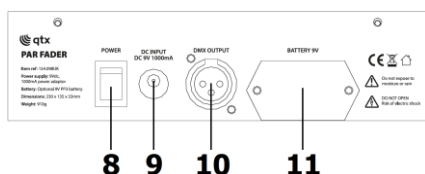Version 1.0

⚠ Caution: Please read this manual carefully before operating
Damage caused by misuse is not covered by the warranty

Top panel

1	Start address +
2	LED numerical display
3	Start address -
4	Page indicator LEDs
5	Channel faders
6	Page select button
7	Master fader

Rear panel

8	Power on/off switch
9	9Vdc power adaptor input
10	DMX out XLRF
11	9V battery compartment

Setting up

Connect the DMX output (10) to the first DMX lighting fixture or effects unit in line using a DMX cable with 3-pin XLR connection.

If further DMX units are to be controlled, connect the DMX out from the first unit to the DMX in of the second unit and DMX out from the second unit to the DMX in of the third unit and so on until all fixtures to be controlled are linked.

Set the DMX start address of each fixture to accommodate the number of channels required for control. (i.e. if a fixture has 8 DMX channels and the DMX start address is set to "009", then channels 9 through 16 will control parameters 1 to 8 of the fixture).

For additional fixtures, these may be set to the same start address if they are to be controlled together or to different start addresses where the DMX addresses do not overlap to be controlled separately.

Connect the supplied 9Vdc power adaptor from the DC input (9) on the rear panel to a 230Vac mains socket. The PAR FADER console can be powered by battery if no mains power is available. In this instance, pull out the battery compartment (11) on the rear panel (using a screwdriver to release if necessary) and insert a 9V PP3 battery, replacing the battery compartment back into the rear panel.

The PAR FADER also has a DMX start address which is the DMX address of Fader 1 on page 1, usually set to "001". To set a different start address, use the Start Address Up and Down buttons (1, 3) to set the start address, which will be shown in the display (2).

Switch the power on (8) and push the Master fader (7) up to "10" (100%), then test each of the channel faders (5) for operation by moving them up and down and checking the effect on each fixture.

The PAR FADER console has 4 pages of 8 DMX channels, which are set out as follows…

Fader		1	2	3	4	5	6	7	8
Page A		001	002	003	004	005	006	007	008
Page B	DMX	009	010	011	012	013	014	015	016
Page C	Channel	017	018	019	020	021	022	023	024
Page D		025	026	027	028	029	030	021	032

The channel numbers above are based on the PAR FADER start address being set to "001". If the start address is set higher than "001", then this value will need to be added to each DMX address listed above.

The pages can be stepped through by pressing the "Page" button (6) and the current page number will be shown by the indicator LEDs (4). When moving from one page to another, the fader settings on the previous page are frozen at the current value until that page is returned to.

The Master fader has a global effect on all fader values and as such, can act as a blackout control when the Master fader is moved to "0" (off). When the Master fader is increased to "10", all fader values become 100% of their current setting and as the Master fader is moved towards "0", each fader value is proportionally reduced from the current value to 0%.

This allows the user to preset all the DMX channel settings for up to 32 channels using the channel faders in combination with the page select button and fade them up and down simultaneously using the Master fader.

It is good practice to move the Master fader to "0" before powering down to avoid fixtures being stuck in an active mode after the DMX signal is lost. Switch off the PAR FADER console and disconnect the power adaptor from the mains when not in use. If not being used for long periods, remove the 9V battery to avoid possible leakage into the unit.

Specifications

Power supply	9Vdc, 1000mA power adaptor (supplied)
Battery	Optional 9V PP3 battery (not supplied)
Controls	On/off switch, 8 faders, 1 master fader, page select, start address +/-
DMX channels	32 (4 pages of 8)
DMX connection	XLRF output
Dimensions	230 x 135 x 53mm
Weight	910g