A Brief Manual of Pixel 10

Thanks for using the Pixel 10. Before operating, please carefully read this manual.

◆ Make sure the unit is not damaged before using.

◆ Make sure the power is cut off before connecting the wire or changing the lamp. The ground wire should properly be connected to earth.

◆ Make sure the light is hung safely. Check and clean it periodically. If there is visible damage, please change the unit. The lamp should be changed if it is damaged or deformed.

◆ Using the same model lamp to replace the used one.

◆ Do not touch the bulb directly with bare hand. Use the alcoholic cloth to brush fingerprint.

◆ Only qualified personnel carry out installation, repairs, and maintenance.

Specifications:

◆ Power supply: AC 220V/50Hz, 750W

◆ Ten pieces of GU10 75W lamps.

◆ 4-bit LED display with four function buttons: MODE, UP, DOWN and MENU.

◆ Functions: minimum brightness setting; built-in chases and auto run programs with speed adjustable; power-off protection; auto recovery after resetting; DMX controllable.

◆ DMX channel mode: 1-, 2-, 5- or 10- DMX channels selectable.

Operations:

Press MODE button to switch between the main menu options. Once a main menu option is selected, press MENU button to enter the sub-menu options; press UP/DOWN button to switch between the sub-menu options. Once a sub-menu option is selected, press MENU again to enter the value setting; Press UP/DOWN button to adjust the values. Once the value is selected, the setting will be applied immediately; No button is needed for confirmation. Press MODE button to return to the main menu.

Menu	Sub-menu	Parameter	Value	Description
P**, Auto or FULL	P01-16	SP**, d***	SP: 01-99, chase speed adjustment, slow → fast; d: 0-100, for dimmer, dark → bright	16 chases to select for each channel mode
	Auto			Auto run
	FULL			Full on
A*** or CH**	A***		001-512	To set the address code
	CH**		01, 02, 05 or 10	To set the channel mode
PS--	PS**		00-99, dark → bright	To set the minimum brightness of the lamps

DMX Chart

1. Channel Mode: CH01 (The unit is with only one DMX channel.)
   CH1: 0-255. Lamp 1 – 10 dimmer

2. Channel Mode: CH02 (The unit is with two DMX channels)
   CH1: 0-255. Lamp 1 – 5 dimmer
   CH2: 0-255. Lamp 6 – 10 dimmer

3. Channel Mode: CH05 (The unit is with five DMX channels)
   CH1: 0-255. Lamp 1 & 2 dimmer
   CH2: 0-255. Lamp 3 & 4 dimmer
   CH3: 0-255. Lamp 5 & 6 dimmer
   CH4: 0-255. Lamp 7 & 8 dimmer
   CH5: 0-255. Lamp 9 & 10 dimmer

4. Channel Mode: CH10 (The unit is with ten DMX channels)

CH1: 0-255. Lamp 1 dimmer

CH2: 0-255. L amp 2 dimmer

CH3: 0-255. L amp 3 dimmer

CH4: 0-255. L amp 4 dimmer

CH5: 0-255. L amp 5 dimmer

CH6: 0-255. L amp 6 dimmer

CH7: 0-255. L amp 7 dimmer

CH8: 0-255. L amp 8 dimmer

CH9: 0-255. L amp 9 dimmer

CH10: 0-255. L amp 10 dimmer

Built-in Chases

1. When in the channel mode is set to CH01 (1CH mode), the built-in chases are:

P01 to P16: Strobe;

Auto: Strobe;

FULL: Full on

2. When in the channel mode is set to CH02 (2CH mode), the chases are:

P01: Lamp 1 to 5 on → Lamp 6 to 10 on → Full off → Full on

P02: Full on

P03: Full on → Full off

P04: Lamp 1 to 5 on → Full off → Lamp 6 to 10 on → Full off

P05: Lamp 6 to 10 on → Lamp 1 to 5 on → Full off → Full on

P06: Lamp 6 to 10 on → Lamp 1 to 5 on → Full on → Full off

P07: Lamp 6 to 10 on → Full on → Lamp 1 to 5 on → Full off

P08: Lamp 1 to 5 on → Lamp 6 to 10 on → Full on → Full off

P09: Lamp 1 to 5 on → Full on → Lamp 6 to 10 on → Full off

P10: Lamp 1 to 5 on → Lamp 6 to 10 on → Full on → Full off

P11: Full on → Lamp 6 to 10 on → Lamp 1 to 5 on → Full off

P12: Full on → Lamp 1 to 5 on → Lamp 6 to 10 on → Full off

P13: Full on → Lamp 6 to 10 on → Lamp 1 to 5 on → Full off

P14: Lamp 1 to 5 on → Full on → Full off → Lamp 6 to 10 on

P15: Lamp 6 to 10 on → Full on → Lamp 1 to 5 on → Full on

P16: Lamp 1 to 5 on → Lamp 6 to 10 on → Full on

Auto: Lamp 1 to 5 on → Lamp 6 to 10 on → Full off → Full on

FULL: Full on

3. When in the channel mode is set to CH05 (5CH mode), the chases are:

P01: Lamp 1&2 on → Lamp 3&4 on → Lamp 5&6 on → Lamp 7&8 on → Lamp 9&10 on

P02: Lamp 9&10 on → Lamp 7&8 on → Lamp 5&6 on → Lamp 3&4 on → Lamp 1&2 on

P03: Lamp 1–4 on →Lamp 1–6 on → Lamp 1–8 on → Lamp 1–10 on → Lamp 3–10 on → Lamp 5–10 on → Lamp 7–10 on → Lamp 9&10 on →Full off → Lamp 9–10 on → Lamp 7–10 on → Lamp 5–10 on → Lamp 3–10 on → Lamp 1–10 on → Lamp 1–8 on → Lamp 1–6 on

P04: Full on → Full off

P05: Lamp 7&8 on → Lamp 5&6 on → Lamp 3&4 on → Lamp 1&2 on → Lamp 3&4 on → Lamp 5&6 on → Lamp 7&8 on → Lamp 9&10 on

P06: Lamp 1–6, 9&10 on → Lamp 1–4 & Lamp 7–10 on → Lamp 1, 2 & 5–10 on → Lamp 3–10 on → Lamp 1, 2 & 5–10 on → Lamp 1–4 & 7–10 on → Lamp 1–5, 6, 9&10 on → Lamp 1–8 on → Lamp 1–10 on → Lamp 1–8 on → Lamp 1–6, 9&10 on → Lamp –4 & 7–10 on → Lamp 1, 2 & 5–10 on → Lamp 3–10 on → Lamp 1, 2 & 5–10 on

P07: Lamp 1, 2 & 5–10 on → Lamp 1–4 & 7–10 on → Lamp 1–6, 9&10on → Lamp 1–8 on → Lamp 3–10 on → Lamp

1, 2 & 5–10 on → Lamp 1–4 & 7–10 on → Lamp 1–6, 9&10on → Lamp 1–8 on → Lamp 3–10 on → Lamp 1–8 on → Lamp 1–6, 9&10on → Lamp 1–4 & 7–10 on → Lamp 1, 2 & 5–10 on → Lamp 3–10 on → Lamp 1–8 on → Lamp 1–6, 9&10on → Lamp 1–4 & 7–10 on → Lamp 1, 2 & 5–10 on → Lamp 3–10 on

P08: Lamp 3‑6 on → Full off → Lamp 5‑8 on → Full off → Lamp 7‑10 on → Full off → Lamp 1, 2, 9&10 on → Full off → Lamp 1–8 on → Full off → Lamp 5‑8 on → Full off → Lamp 3‑6 on → Full off → Lamp 1–4 on → Full off → Lamp 1, 2, 9&10 on → Full off → Lamp 1–4 on → Full off

P09: Lamp 7‑10 on → Lamp 1–6 on → Lamp 5‑10 on → Lamp 1–4 on → Lamp 7‑10 on → Lamp 1‑5 on → Lamp 5‑10 on → Lamp 1–4 on → Lamp 7‑10 on → Lamp 1–4 on

P10: Lamp 3, 4, 7&8 on → Lamp 1, 2, 9&10 on → Lamp 1–4 & 7–10 on → Full on → Lamp 3‑8 on → Lamp 5&6 on → Full off → Lamp 3‑8 on → Full on → Lamp 5&6 on

P11: Lamp 3&4 on → Full off → Lamp 5&6 on → Full off → Lamp 7&8 on → Full off → Lamp 9&10 on → Full off → Lamp 9&10 on → Full off → Lamp 7&8 on → Full off → Lamp 5&6 on → Full off → Lamp 3&4 on → Full off → Lamp 1&2 on → Full off → Lamp 1&2 on → Full off

P12: Lamp 1–4 on → Lamp 3‑6 on → Lamp 5‑8 on → Lamp 7‑10 on → Lamp 9&10 on → Full off → Full on → Full off → Full on → Full off → Lamp 9&10 on → Lamp 7‑10 on → Lamp 5‑8 on → Lamp 3‑6 on → Lamp 1–4 on → Lamp 1&2 on → Full off → Full on → Full off → Full on → Full off → Lamp 1&2 on

P13: Lamp 1, 2, 9&10 on → Lamp 3‑8 on → Lamp 1, 2, 9&10 on → Lamp 3‑8 on → Lamp 1, 2, 9&10 on → Lamp 3‑8 on → Lamp 1, 2, 9&10 on → Lamp 3‑8 on → Lamp 1, 2, 9&10 on → Lamp 3, 4, 7&8 on → Lamp 1, 2, 5, 6, 9&10 on → Lamp 3, 4, 7&8 on → Lamp 1, 2, 5, 6, 9&10 on → Lamp 3, 4, 7&8 on → Lamp 1, 2, 5, 6, 9&10 on → Lamp 3, 4, 7&8 on → Lamp 1, 2, 5, 6, 9&10 on → Lamp 3, 4, 7&8 on → Lamp 1, 2, 5, 6, 9&10 on → Lamp 3‑8 on

P14: Lamp 1–4 on → Lamp 1–6 on → Lamp 1–8 on → Full on → Lamp 1–8 on → Lamp 1–6 on → Lamp 1–4 on → Lamp 1&2 on → Full off → Lamp 9&10 on → Lamp 7‑10 on → Lamp 5‑10 on → Lamp 3–10 on → Full on → Lamp 3–10 on → Lamp 5‑10 on → Lamp 7‑10 on → Lamp 9&10 on → Full off → Lamp 1&2 on

P15: Lamp 3&4 on → Lamp 5&6 on → Lamp 7&8 on → Lamp 9&10 on → Full off → Lamp 3‑8 on → Lamp 1, 2, 9&10 on → Full on → Full off → Lamp 9&10 on → Lamp 7&8 on → Lamp 5&6 on → Lamp 3&4 on → Lamp 1&2 on → Full off → Lamp 1, 2, 5, 6, 9&10 on → Lamp 3, 4, 7&8 on → Lamp 1, 2, 9&10 on -→ Full off

P16: Lamp 1, 2, 9&10 on → Lamp 5&6 on → Lamp 3, 4, 7&8 on → Full off → Lamp 5&6 on → Lamp 3, 4, 7&8 on → Lamp 1, 2, 9&10 on → Lamp 5&6 on → Lamp 3, 4, 7&8 on → Lamp 1, 2, 9&10 on → Lamp 7&8 on → Lamp 3, 4, 7&8 on → Lamp 1, 2, 9&10 on → Lamp 5&6 on → Lamp 3‑8 on → Full on → Lamp 3‑8 on → Full off → Lamp 1, 2, 9&10 on → Full off

Auto: Lamp 1&2 on → Lamp 3&4 on → Lamp 5&6 on → Lamp 7&8 on → Lamp 9&10 on

FULL: Full on

4. When in the channel mode is set to CH10 (10CH mode), the chases are:

P01: Lamp 2 on → Lamp 3 on → Lamp 4 on → Lamp 5 on → Lamp 6 on → Lamp 7 on → Lamp 8 on → Lamp 9 on → Lamp 10 on → Lamp 1 on

P02: Lamp 9 on → Lamp 8 on → Lamp 7 on → Lamp 6 on → Lamp 5 on → Lamp 4 on → Lamp 3 on → Lamp 2 on → Lamp 1 on → Lamp 10 on

P03: Lamp 2&9 on → Lamp 3&8 on → Lamp 4&7 on → Lamp 5&6 on → Lamp 4&7 on → Lamp 3&8 on → Lamp 2&9 on → Lamp 1&10 on → Full off → Lamp 1&10 on

P04: Lamp 1&2 on → Lamp 1‑3 on → Lamp 1‑4 on → Lamp 1‑5 on → Lamp 1‑6 on → Lamp 1‑7 on → Lamp 1‑8 on → Lamp 1‑9 on → Lamp 2‑10 on → Lamp 1 on

P05: Lamp 2‑10 on → Lamp 3‑10 on → Lamp 4‑10 on → Lamp 5‑10 on → Lamp 6‑10 on → Lamp 7‑10 on → Lamp 8‑10 on → Lamp 9&10 on → Lamp 3‑8 on → Full on

P06: Lamp 1, 2, 9&10 on → Lamp 1‑3 & 8‑10 on → Lamp 1‑4 & 7‑10 on → Full on → Lamp 1‑4 & 7‑10 on → Lamp 1‑3 & 8‑10 on → Lamp 1, 2, 9&10 on → Lamp 1&10 on → Lamp 2‑9 on → Lamp 1&10 on

P07: Lamp 3‑10 on → Lamp 3‑8 on → Lamp 5&6 on → Lamp 3&4 on → Lamp 3, 4, 7&8 on → Lamp 1‑4, 7&8

on → Lamp 1 – 4 & 7 – 10 on → Lamp 1 – 6, 9&10 on → Lamp 1 – 5 on → Lamp 6 – 10 on → Lamp 1 – 5 on → Lamp 6 – 10 on → Lamp 1&2 on → Lamp 1, 2, 9&10 on → Lamp 1 – 4, 9&10 on → Lamp 1 – 4 & 7 – 10 on → Full on → Lamp 1 on → Lamp 2 on → Full off → Lamp 5&6 on → Lamp 4 – 6 on → Lamp 4 – 7 on → Lamp 3 – 7 on → Lamp 3 – 8 on → Lamp 2 – 8 on → Lamp 2 – 9 on → Lamp 1 – 9 on → Lamp 1 – 10 → Lamp 4 – 7 on → Lamp 1 – 3 & 8 – 10 on → Lamp 5&6 on → Lamp 1 – 4 & 7 – 10 on → Full off → Lamp 1&10 on → Lamp 1, 2, 9&10 on → Lamp 1 – 3 & 8 – 10 on → Lamp 1 – 10 → Lamp 1 on → Lamp 2 on → Lamp 3 on → Lamp 4 on → Lamp 5 on → Lamp 6 on → Lamp 7 on → Lamp 8 on → Lamp 9 on → Lamp 10 on → Lamp 9 on → Lamp 8 on → Lamp 7 on → Lamp 6 on → Lamp 5 on → Lamp 4 on → Lamp 3 on → Lamp 2 on → Lamp 1 on → Lamp 10 on → Lamp 1&10 on → Lamp 2&9 on → Lamp 3&8 on → Lamp 4&7 on → Lamp 5&6 on → Lamp 4&7 on → Lamp 3&8 on → Lamp 2&9 on → Lamp 1&10 on → Lamp 2 on → Lamp 10 on → Lamp 9&10 on → Lamp 8 – 10 on → Lamp 7 – 10 on → Lamp 6 – 10 on → Lamp 5 – 10 on → Lamp 4 – 10 on → Lamp 3 – 10 on → Lamp 2 – 10 on → Full on → Lamp 2 – 10 on → Lamp 3 – 10 on → Lamp 4 – 10 on → Lamp 5 – 10 on → Lamp 6 – 10 on → Lamp 7 – 10 on → Lamp 8 – 10 on → Lamp 9&10 on → Full off → Lamp 10 on → Lamp 1 on → Lamp 9 on → Lamp 2 on → Lamp 8 on → Lamp 3 on → Lamp 7 on → Lamp 4 on → Lamp 6 on → Lamp 5 on → Lamp 7 on → Lamp 6 on → Lamp 5 on → Lamp 4 on → Lamp 3 on → Lamp 1, 9&10 on → Lamp 2&8 on → Lamp 3, 9&10 on → Lamp 2, 3&9 on → Lamp 4, 9&10 on → Lamp 2, 4&9 on → Lamp 3, 5, 9&10 on → Lamp 2 – 5 & 9 on → Lamp 4, 6, 9&10 on → Lamp 3 – 6 & 10 on → Lamp 5, 7&10 on → Lamp 3, 6, 7&10 on → Lamp 4 – 7 & 10 on → Lamp 3, 4, 8&10 on → Lamp 6, 8&10 on → Lamp 3, 5, 6, 8&10 on → Lamp 4, 7, 8&10 on → Lamp 3 – 5, 7, 8&10 on → Lamp 5 – 8 & 10 on → Lamp 1 – 8 & 10 on → Lamp 1 – 8 on → Full off → Full on

P08: Lamp 6 – 10 on → Lamp 1 – 4 on → Lamp 6 – 10 on → Lamp 1&2 on → Lamp 1, 2, 9&10 on → Lamp 1 – 5, 9&10 on → Full on → Lamp 1 on → Full on → Lamp 1 – 5 on

P09: 5&6 on → Lamp 4 – 6 on → Lamp 4 – 7 on → Lamp 3 – 7 on → Lamp 3 – 8 on → Lamp 2 – 8 on → Lamp 2 – 9 on → Lamp 1 – 9 on → Full on → Full off

P10: Lamp 4 – 7 on → Lamp 1 – 3 & 8 – 10 on → Lamp 5&6 on → Lamp 1 – 4 & 7 – 10 on → Full off → Lamp 1&10 on → Lamp 1, 2, 9&10 on → Lamp 1 – 3 & 8 – 10 on → Lamp 1 – 4 & 7 – 10 on → Full off

P11: Lamp 2 on → Lamp 3 on → Lamp 4 on → Lamp 5 on → Lamp 6 on → Lamp 7 on → Lamp 8 on → Lamp 9 on → Lamp 10 on → Lamp 9 on → Lamp 8 on → Lamp 7 on → Lamp 6 on → Lamp 5 on → Lamp 4 on → Lamp 3 on → Lamp 2 on → Lamp 1 on

P12: Lamp 8 on → Lamp 7 on → Lamp 6 on → Lamp 5 on → Lamp 4 on → Lamp 3 on → Lamp 2 on → Lamp 1 on → Lamp 10 on → Lamp 1 on

P13: Lamp 2&9 on → Lamp 3&8 on → Lamp 4&7 on → Lamp 5&6 on → Lamp 4&7 on → Lamp 3&8 on → Lamp 2&9 on → Lamp 1&10 on

P14: Lamp 9&10 on → Lamp 8 – 10 on → Lamp 7 – 10 on → Lamp 6 – 10 on → Lamp 5 – 10 on → Lamp 4 – 10 on → Lamp 3 – 10 on → Lamp 2 – 10 on → Full off → Lamp 2 – 10 on → Lamp 3 – 10 on → Lamp 4 – 10 on → Lamp 5 – 10 on → Lamp 6 – 10 on → Lamp 7 – 10 on → Lamp 8 – 10 on → Lamp 9&10 on → Full off → Lamp 10 on

P15: Lamp 2 – 10 on → Lamp 3 – 10 on → Lamp 4 – 10 on → Lamp 5 – 10 on → Lamp 6 – 10 on → Lamp 7 – 10 on → Lamp 8 – 10 on → Lamp 9&10 on → Full off → Full on

P16: Lamp 1 on → Lamp 9 on → Lamp 2 on → Lamp 8 on → Lamp 3 on → Lamp 7 on → Lamp 4 on → Lamp 6 on → Lamp 5 on → Lamp 10 on

Auto: Lamp 2 on → Lamp 3 on → Lamp 4 on → Lamp 5 on → Lamp 6 on → Lamp 7 on → Lamp 8 on → Lamp 9 on → Lamp 10 on → Lamp 1 on

FULL: Full on