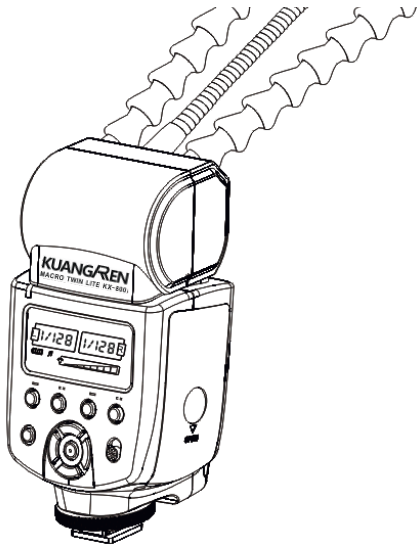# KUANGREN
MACRO TWIN LITE KX-800

KX-800 Macro Twin Light
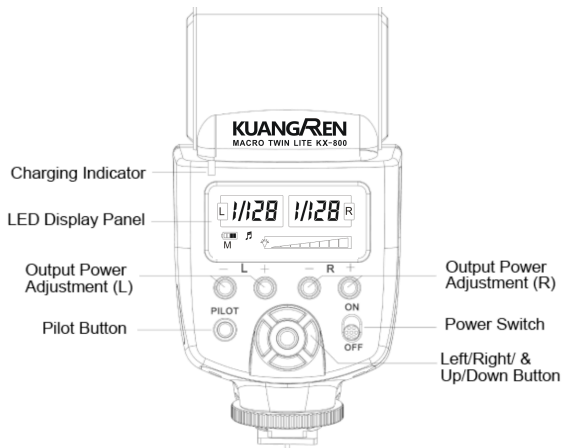
Instructions Manual

For your own safety, please read this manual carefully.
Store this manual in a secure place for future reference.

I. Warning

- To avoid fire or electrical shock, do not expose this product to rain or moisture.
- To avoid short circuit, be sure the batteries contacts are securely packed and in accordance with local provision when handling the batteries.
- Place the batteries and the parts, which can be swallowed mistakenly, away from children. Contact a doctor immediately when it occurs.
- To avoid possible injury to eyes, do not use the flash light in a short distance from the eyes.
- To avoid possible safety accident, do not use the flash light on the people who need a high degree of attention.
- Please take out the batteries and stop using immediately in case of below.
  - This product is dropped or shocked seriously and the inner part of the product exposed.
  - If the battery leaks corrosive liquids, please take out the battery with gloves.
  - The product gives off strange smell, smokes or heats.
- Do not disassemble or maintain this product. Touching the internal high voltage circuit will cause electricshock.
- Remove batteries during long periods of non-use.

II.Nomenclature (Please read this part carefully, so you can soon be familiar with the product)

Charging Indicator

LED Display Panel

Output Power Adjustment (L)

Pilot Button

Output Power Adjustment (R)

Power Switch

Left/Right/ & Up/Down Button

III. BASIC FUNCTIONS

1. Basic Operations

Component	Operation
【Power Switch】	Switch to "ON" to turn on the flash and "OFF" to turn off the flash
L/R 【－】【＋】Button	Adjust the output power of the left/right flash respectively
【PILOT】Button	Press to test flashing in current output level
【Up】【Down】Button	Press "UP" to increase the brightness of the LED focusing lamps. Press "DOWN" to reduce. There are 8 levels of brightness to choose from.
【Left】【Right】Button	Press the respective buton to shut down the left/right flash output

2. Power-on and Power-off

It is suggested that the battery shall be taken out after the power of the flash light is switched off.

After turning the power switch of the flash, the flash will fetch the setting state saved in the closedown last time, the charging indicator is green, which indicates the flash is available.

If the charging is not completed within 20 seconds, the flash will automatically shutdown. Then you need to replace with new batteries.

You may press the testing button PILOT to test whether the flash works normally.

3. Test Flash

Whether in any mode, you can press PILOT button to test if the flash light flashes normally.

When testing the flash, the flash will give flash at relevant output level in accordance with the chosen output power setting.

4. Overheating Protection

If the flash light is used too frequently, its overheating protection function will be triggered, the charging indicator will blink alternatively and the flash light will be locked. In such case, please wait for about three minutes to cancel the protection before continuing the use. Please try to use the 1/4 output or lower when rapid shooting is needed to prevent the effect on the shooting.

5. PC Synchronous Port (for input)

By connecting to the PC synchronous port, the device can be flash synchronously. Please note that this PC synchronous port only receives synchronous signal input without supporting signal output

6. Automatic setting saving

The device will automatically save the current settings, allowing you to use it quick after boot

IV. Specifications

Circuit Design	Insulated Gate Bipolar Transistor（IGBT）
Guide No.	58 (ISO 100, 105mm)
Horizontal Rotation Angle	0~270 degrees
Power Supply	4x AA size batteries
Lighting Times	100~1500 times（Alkaline cell used）
Recycling time	appr. 2~5s（Alkaline cell used）
Color Temperature	5600k
Flash time	1/200s ~1/20000s
Flash Conttrol	8 levels of output control(1/128~1/1)
External connection	Hot shoe, PC port
Additional features	Sound indicatior, Auto setting saving, PCport , Overheat protection

V. FAQ

1) Photos are under exposure or over exposure? Check if the set shutter, aperture and ISO are too near the flash limit or if some settings including exposure compensation in relation to flash are proper.

2) You may feel the flash control panel is dim, because there is one protective film on the panel; you can tear it away to enjoy a clear visual effect.

3) The flash light is abnormal? Switch off the power of flash light and camera, mount the flash light on the hot shoe of camera, and switch on the power of flash light and camera again. If the abnormity continues, replace the batteries.

The functions of this manual are based on test conditions of our company. Further notice will not be given if the design and specifications change.