**FORWARD**

Before use, please read this user manual carefully in order to ensure otherwise the electronic parts may be damaged.

**WARNING**
- Always keep this product dry. Do not use in rain or in damp conditions.
- Do not disassemble. Should repairs become necessary, this product must be sent to an authorized maintenance center.
- Keep out of reach of children.
- Stop using this product if it breaks open due to extrusion, falling or strong hit. Otherwise, electric shock may occur if you touch the electronic parts inside it.
- Do not use the flash unit in the presence of flammable gases, chemicals and other similar materials. In certain circumstances, these materials may be sensitive to the strong light-emitting from this flash unit and or electromagnetic interference may result.
- Do not store the flash unit in the ambient temperature exceeds over 50°C. Otherwise the electronic parts may be damaged.
- Turn-off the flash unit immediately in the event of malfunction.

**I. NOMENCLATURE**
- Bulbini Wide Panel
- Flash Head
- Optic Control Sensor
- Socket Cover
- Test Button
- Power Switch
- Power Level Button
- Mode Select Button
- Output Indicator
- Wireless Indicator
- Battery Cover
- Channel
- Hot Shoe Stand
- Dedicated Hot Shoe Contact
- Lock Ring
- Sync Cord Jack
- Dedicated Hot Shoe Contact
- Mini Stand

**II. INSTALLATION**

**1. Battery Installation**

- Open the battery cover along the arrow direction and then open by thumb.
- Insert batteries according to the direction indicated by the sticker in the battery holder and make sure the + and - battery contact are correctly inserted at the battery compartment.
- Close the battery cover along the arrow direction and slide it back in place. The battery cover will be locked when there is a "click" sound.

**2. Mounting the Flash on the Camera**

- Take out the hot shoe when idle in case the battery leakage damages the flash unit.
- Pull out the built-in wide panel from the flash head.
- Pull out the reflection board from the flash head.
- Slide the battery cover along the arrow direction and then open by thumb.
- Take off the built-in wide panel and reflection board to get more softened and natural lighting effect.
- To save battery power, the flash will enter stand-by state in about 30 minutes of idle use. Press any button to wake it up.
- Press the MODE button for 2 seconds to control the ON/OFF of wireless triggering function. When the wireless indicator lighted, wireless triggering function will be activated if you continue to flash after 20 times. In this state the charging time will turn to 0.5s. Please cool down the flash unit around 10 minutes and it will turn to normal state.

**III. USING THE FLASH**

1. Power management

- Switch to the ON, the flash will start charging. (the charging indicator dim.) After several seconds, the charging indicator turns red and T520 II/T560 II is ready to shoot.
- For test flash, press the test button. After use, press the ON/OFF to turn power off.
- Do not fire the charging indicator lamp flashes in every 1s. If it indicates low battery. In such case, the power will turn off automatically and you need to replace the batteries.

2. Power Control

- The flash unit has 8 steps of power output control which it displays pieces of LED lamp for different level.
- Press "+" to make power higher and they are 1/128, 1/64, 1/32, 1/16, 1/8, 1/4, 1/2, 1/1. Otherwise, press "-" to make power lower.

3. M Mode

- Press the M mode key to M Mode. In this mode, you can set T520 II/T560 II into your camera hotshoe or speedlite trigger hotshoe to trigger the flash unit. When shooting, adjust the flash power and press the camera shutter, the flash light will flash under the camera synchronous signal.

4. S1 Mode

- Press the S1 mode key to S1 Mode. The mode is applicable for slave flash in order to create many lighting effects. It is respectively applicable for manual flash environment.

5. S2 Mode

- Press the S2 mode key to S2 Mode. The mode is applicable for slave flash in order to create many lighting effects. The flash will not flash synchronously with the first flash but the second flash from the master flash, which is the second flash synchronization.

6. Wireless Triggering Function

- As T520 II/T560 II has built-in wireless signal, please set RT transmitter as the transmitter end.
- Take out the battery when idle in case the battery leakage damages the flash unit.
- Pull out the reflection board and built-in wide panel from the flash head.
- Slide the battery cover along the arrow direction and slide it back in place.
- The optical light sensor will stop functioning under M Mode.
- The hotshoe's trigger function will stop under S1 and S2 Mode.

7. Sync Trigger Function

- The speedlite and camera will trigger synchronously by using a PC sync cord to connect the sync terminal of the camera and the speedlite together.

8. Power-saving Function

- To save battery power, the flash will enter stand-by state in about 30 minutes of idle use. Press any button to wake it up.
- In S1/S2 mode, the flash will enter stand-by state in about 60 minutes of idle use. Press any button to wake it up.
- In S1/S2 mode, the flash will not flash synchronously with the first flash but the second flash from the master flash, which is the second flash synchronization.

9. Protection Function

- Protection in continuous flashes

- Systematic over-temperature protection

**V. SPECIFICATIONS**

- **Model**
  - T520 II
  - T560 II
- **Output power**
  - 1/180s~1/2000s
- **Flash duration**
  - 1/100s
- **Guide number**
  - 33 (m ISO 100) 38 (m ISO 100)
- **Flash head angle**
  - Vertical rotation angle 0~90 degrees
  - Horizontal rotation angle 0~270 degrees
- **Flash power**
  - 4xAA batteries (alkaline or Ni-MH are usable)
- **Lighting times**
  - 330-350 times (alkaline batteries used)
- **Recycle time**
  - 3-10s (alkaline batteries used)
- **Color temperature**
  - 5600K±200K
- **Frequency**
  - 2.4MHz
- **Flash duration**
  - TT520 II:1/20000s
  - TT560 II:1/25000s
- **Dimensions**
  - 190*75*55mm
- **Net weight**
  - 310g

**Accessories**

- Flash light (1)
- Protection bag (1)
- Mini stand (1)
- User manual (1)
- RT transmitter (1)