X600 LITHIUM BUTTON LAYOUT

7) Set Button / Wireless
8) Mode Button
9) Power / Recycling Speed
10) Wireless Antenna
11) Optical Slave
12) Power Down / -
13) Power Up / +
14) Flash Test
15) PC Sync 3.5mm
16) Charging Socket
17) Battery Release Clip
1) Accessory Release   2) Umbrella Lock   4) Umbrella Mount   6) Fuse
5) Tilt Handle
3) Stand Lock

IMPORTANT

- Please remove the protective bulb cap before use. FIRE HAZARD.
- The X600 cannot be used while plugged in and charging.
- Do not touch the flash tube or LED array with bare fingers.
- Remove the battery from the strobe for storage and transport.

POWER ON/OFF

Press and hold the **Power Button (9)** to start the boot process. The screen will count down from 3-2-1-0 and turn on. To turn off repeat the process.

MODE SELECTION

The X600 has four strobe modes. Press **Mode Button (8)** 👁 to switch between them.

Manual Mode Ⓜ 1/188 *Normal Operation

Multi Mode [Multi] 188-88Hz

Optical Mode 👁

Flash Delay Mode 👁 *Only for use with TTL Flash's

FUNCTIONS

In each strobe mode, pressing the **Set Button (7)** performs a different function.

Manual Mode Ⓜ 1/188 -Sets the wireless channel ((ᵩ)) 88 value from 00 to 15.
*Press **Set Button (7)** and then **(+) or (-)** buttons to adjust up and down.*

Multi Mode [Multi] 188-88Hz -Sets the number of flashes per second and the flash frequency.
*Press **Set Button (7)** and then **(+) or (-)** Buttons to adjust the number of flashes up and down. Press **Set Button (7)** again to adjust the frequency. The higher the frequency number the faster the burst.*

See Page 5 for more information.

Optical Mode 👁 -Enables the optical slave sensor so the flash can be triggered from any other flash.

Flash Delay Mode 👁 - Sets strobe to fire 2-10 times after it senses a TTL pre-flash.
*Press **Set Button (7)** and then **(+) or (-)** Buttons to adjust the number of TTL pre flash delay up and down.*

HIGH SPEED SYNC (HSS) ⚡H

The X600 can fire at shutter speeds up to 1/8000s with HSS enabled. Please note that a HSS trigger such as the Yongnuo 622 must be plugged into the PC Sync port for HSS to work. HSS mode is limited to a minimum power of 1/16 and only operates in Manual Mode Ⓜ 1/188

*Press the **Set Button (7)** and **Mode Button (8)** 👁 together to enable. The flash will dump the charge when HSS is enabled.*

SETTING WIRELESS

The X600 has a built in radio receiver that can be used with Strobepro compatible radio triggers including the TR-X.

Press the **Set Button (7)** and **"-" Button** together to turn the wireless function on or off. While changing the wireless channel number, the DIP switch channel icon 🔲 will also change. Match the channel on the strobe and on your Strobepro trigger.

TRX Remote Channel Chart

1. ON = 0
2. OFF = 1
3. Channel 15 is universal

Remote Button Layout

1. Channel switches
2. Power on/off/flash test
3. Adjust power down
4. Modelling lamp on/off
5. Adjust power up

Channel	1	2	3	4
0	0	0	0	0
1	1	0	0	0
2	0	1	0	0
3	1	1	0	0
4	0	0	1	0
5	1	0	1	0
6	0	1	1	0
7	1	1	1	0
8	0	0	0	1
9	1	0	0	1
10	0	1	0	1
11	1	1	0	1
12	0	0	1	1
13	1	0	1	1
14	0	1	1	1
15	1	1	1	1

BATTERY INDICATOR
🔋 Power

Four Bars- Full Power
Three Bars- High Power
Two Bars- Medium to Low Power
One Bar- Charge battery soon.

RECYCLING SPEED

Press the **Power Button (9)** once to switch between fast **Fast** and slow **Slow** charging modes.

The X600 will boot up in slow mode by default. After 40 continuous flashes in fast mode the X600 will automatically switch to slow mode for 5 minutes to facilitate cooling. After the **Fast** stops flashing the fast mode can be enabled again.

RECYCLING BEEP

Press the **Mode Button (8)** and **"+" Button** together to turn the recycling beep on or off.

LCD BACKLIGHT

Press the **Mode Button (8)** and **"-" Button** together to turn the LCD backlight on or off. The backlight will automatically turn off after 2 minutes without use.

LED MODELING LAMP

Press the **Set Button (7)** and **"+" Button** together to set the modeling lamp mode.

Delay Mode (Turns LED off after 60 seconds of flash)

Constant Mode (The LED stays on until you turn it off)

OFF (Modeling lamp is off but flash still fires)

When using compatible Strobepro triggers the modeling lamp can be set to Constant Mode and OFF from the trigger.

SLEEP MODE

The X600 will enter sleep mode and display **"SL-EP"** on the LCD after 5 minutes without use. Firing the flash remotely or pressing any button directly on the flash will wake it up.
To turn the flash off, first wake it out of sleep mode.
If the strobe is left to sleep for 1 hour it will automatically shut down.

OVERHEAT PROTECTION

If the X600 senses dangerous temperatures it will activate protection mode and display **OH** on the LCD. The strobe will not be functional until it returns to normal operating temperatures and **OH** is gone from the screen.

If the capacitors cannot begin a recharge after 40 seconds the system will display **OT** on the LCD. The system must be rebooted with this error. Only the power button will be functional.

UNDERSTANDING MULTI MODE Multi IBB-BBHz

With Multi Mode you can capture multiple images of a moving subject in a single image. During stroboscobic flash the shutter of the camera remains open until the firing stops. Use this formula to set your shutter speed on camera.

# of Flashes / Firing Frequency= Shutter Speed. Eg.(10/5=2 seconds)

Number of flashes per second and the maximum flash frequency and flash power table		
Flash Power	Maximum flash frequency (Hz)	Maximum number of flashes
1/1~1/4	No stroboflash	
1/4	1	2
1/4 -1/3	2	4
1/8 +1/3	2	6
1/8	3	8
1/8 -1/3	3	10
1/16 +1/3	4	10
1/16	4	12
1/16 -1/3	5	15
1/32 +1/3	6	15
1/32	7	16
1/32 -1/3	8	16
1/64 +1/3	10	17
1/64	12	18
1/64 -1/3	12	20
1/128 +1/3	15	25
1/128	15	30

BATTERY INFORMATION ⚠️ 🔥

- The X600 uses a DC 14.8V 6600mAh lithium battery. The battery reaches optimal performance after 2-3 full charge and discharge cycles. The life of the battery will range from 300-500 charge cycles depending on the frequency and conditions of use.

- Environmental temperatures affect the performance of the battery and its useful life. **The optimal operating temperature is 15-25 degrees Celsius.** Higher temperatures will cause the battery to overheat quickly. Operation below 0 degrees Celsius will significantly reduce the battery capacity even at full charge.

- Charge the battery when it reaches 1 bar on the LCD. Do not drain the battery completely as it will reduce the lifespan of the battery.

- The battery must be charged at least once every three months.

- Remove the battery from the X600 and store separately.

- The charging block will show a Red LED while charging and Green when completed.