中文英文双语 / Chinese English Bilingual

说明手册 / INSTRUCTION MANUAL

中英文双语 / Chinese English Bilingual

说明手册 / INSTRUCTION MANUAL

WITSTRO 威客
一体式外拍闪光灯 AD600Pro
All-in-One Outdoor Flash
Foreword

Before using this product
Please read this user manual carefully in order to ensure your safety and the proper operation of this product. Keep for future reference.

Thank you for purchasing a GODOX product.
WITSTRO All-in-One Outdoor Flash AD600Pro has strong power, all-in-one lithium battery pack and great portability. When using Godox 2.4G wireless X system off camera, AD600pro can be triggered by XPro and X1 series flash trigger in TTL/M/Multi mode, etc. With master & slave functions, AD600Pro can also use in combination with Godox TTL camera flashes, TTL outdoor flashes, TTL studio flashes, etc. With this AD600Pro flash, your shooting will become simpler. You can easily achieve a correct flash exposure even in complex light-changing environments.

WITSTRO AD600Pro offers studio quality light for outdoor and live shooting with strong power and large capacity lithium battery pack. The powerful and portable AD600Pro meets the demands of freelance commercial photographers, photojournalists, wedding and beach portraiture shooters, event and backpack photographers, photograph enthusiasts, etc. The AD600Pro offers:
• Quick recycle time: 0.9s (max. Power)
• Stable color temperature mode: color temperature changes within ±75K over the entire power range.
• LED modeling lamp: 38W LED modeling lamp whose light brightness can be freely adjusted.
• Precise power output: power adjusts from full power 1/256 to 1/1 in 25 steps.
• Advanced functions: 1/8000s high-speed sync flash, multi flash, high-speed sync triggering, etc.
• Compatible wireless TTL system: with built-in Godox 2.4G wireless X system, AD600Pro is compatible with Canon, Nikon, Sony, FUJIFILM, Olympus and Panasonic TTL autoflash system.
• Wireless control: with built-in Godox 2.4G wireless X system to achieve TTL control. Godox FT16 flash trigger can also be used to wirelessly adjust flash power level and trigger the flash through the wireless control port. AD600Pro has 3.5mm sync cord jack to achieve various sync triggering mode.
• Dot-matrix LCD panel: with clear and convenient operation.
• Studio quality light: up to 600Ws, GN 87 (m ISO 100, with high-efficiency standard reflector).
• Wide-range accessories: softbox, beauty dish, snoots, color gels, etc.

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 fire the flash directly into the eyes (especially those of babies) within short distances. Otherwise visual impairment may occur.
⚠️ Do not use the flash unit in the presence of flammable gases, chemicals and other similar materials. In certain circumstance, these materials may be sensitive to the strong light emitting from this flash unit and fire or electromagnetic interference may result.
⚠️ Do not leave or store the flash unit if the ambient temperature reads over 50°C. Otherwise the electronic parts may be damaged.
⚠️ Turn off the flash unit immediately in the event of malfunction.
Contents

23 Foreword
24 Warning
27 Name of Parts
   Body
   Control Panel
   LCD Panel
   Included Accessories
   Separately Sold Accessories
30 Installing Reflector (Other Accessories)
30 Attaching Flash Tube
30 Adjusting Handle
31 Battery
32 Power Management
32 Wireless Flash Mode
33 Flash Mode—TTL Autoflash
   FEC (Flash Exposure Compensation)
   High-Speed Sync
34 Flash Mode—M: Manual Flash
   Stable Color Temperature Function
36 Flash Mode—Multi/Stroboscopic Flash
37 Wireless Flash Shooting: Radio (2.4G) Transmission
   Wireless Settings
   Setting the Communication Channel
   Setting the Communication Group
   Wireless Flash Shooting
40 C.Fn: Setting Custom Functions
41 Modeling Lamp
41 Other Applications
   Wireless Control Function
   Sync Triggering
42 Protection Function
43 Technical Data
44 Troubleshooting
44 Firmware Upgrade
44 Maintenance

Conventions used in this Manual

- This manual is based on the assumption that both the camera and camera flash’s power switches are powered on.
- Reference page numbers are indicated by “p.”.
- The following alert symbols are used in this manual:
  - The Caution symbol indicates a warning to prevent shooting problem.
  - The Note symbol gives supplemental information.
Name of Parts

**Body:**

- **<MODE>** Mode Selection Button
- **<GR/CH>** Group/Channel Button
- **<MENU>** Menu Button
- **<SET>** Set Button
- **<H>** High Speed Sync Button
- **<O>** Test Button / Flash Ready Indicator
- **Buzz**
- **TTL**
- **(1) TTL Autoflash**
- **Fan Inlet**
- **Fan Outlet**
- **Handle Fixed Part**
- **Direction Adjusting Handle**
- **Battery Locking Ring**
- **Groove**
- **Lithium Battery**
- **Ridge**
- **Accessory Mounting Ring**
- **Accessory Locking Ring**
- **3.5mm Sync Cord Jack**
- **Mini USB Port**
- **Wireless Control Port**
- **Battery Indicator Button**
- **Battery Power Jack**
- **Light Sensor**
- **Tube Socket**
- **Modeling Lamp (LED)**
- **Accessory Mounting Ring**
- **Bracket Locking Ring**
- **Mounting Bracket**
- **Umbrella Mounting Hole**
- **Modeling Lamp Button**
- **Power Switch**
- **<ON/OFF>** Power Switch
- **<MENU>** Menu Button
- **<SET>** Set Button
- **<H>** High Speed Sync Button
- **<O>** Test Button / Flash Ready Indicator
- **Buzz**
- **TTL**
- **(1) TTL Autoflash**
- **Fan Inlet**
- **Fan Outlet**
- **Handle Fixed Part**
- **Direction Adjusting Handle**
- **Battery Locking Ring**
- **Groove**
- **Lithium Battery**
- **Ridge**
- **Accessory Mounting Ring**
- **Accessory Locking Ring**
- **3.5mm Sync Cord Jack**
- **Mini USB Port**
- **Wireless Control Port**
- **Battery Indicator Button**
- **Battery Power Jack**
- **Light Sensor**
- **Tube Socket**
- **Modeling Lamp (LED)**
- **Accessory Mounting Ring**

**LCD Panel:**

- **CH 1**
- **TTL**
- **High Speed Sync**
- **Flash exposure compensation amount**
- **A**
- **+0.3**
- **10%**
### Name of Parts

**LCD Panel:**

1. **M Manual Flash**
   - M: Manual flash
   - Manual flash output
2. **Multi Flash**
   - Multi-Stroboscopic flash
   - Flash frequency
   - Number of flashes
3. **Radio Transmission Shooting**
   - Radio transmission wireless shooting

### Separately Sold Accessories

The product can be used in combination with the following accessories sold separately, so as to achieve best photography effects:
- Xpro & X1 Wireless Flash Trigger
- FT-16 Remote Control
- Softbox
- Beauty Dish
- Fold up Umbrella
- Snoots
- Light Stand, etc.

### Installing Reflector (Other Accessories)

1. Press down the Accessory Locking Ring.
2. Insert the reflector into the Accessory Mount and clock wise to lock it up.

### Attaching Flash Tube

1. Remove the reflector or other accessories from the flash head.
2. Match the flash tube in the Tube Socket. Push the flash tube in until it is securely seated into the socket.

- Note: To avoid damage, please detach the flash tube during the transportation.

### Adjusting Handle

1. When the Direction Adjusting Handle is not pulled out, screw clockwise while unscrew anti clockwise.
2. The Direction Adjusting Handle’s rotation angle should be restrained from 0 to 180 degrees below the flash body. Please pull out the Direction Adjusting Handle, adjust the appropriate angle, and manipulate the step 1 before colliding with the flash body.

### Included Accessories

1. Flash tube
2. Lithium battery pack
3. Battery charger
4. Power cord
5. Lamp cover
6. Instruction manual

- Name of Parts

---

- 29 -

- 30 -
Battery

Features
1. This flash unit uses Li-ion polymer battery which has long runtime. The available charge-and-discharge times are over 300.
2. It is reliably safe. The inner circuit is against overcharge, overdischarge, overcurrent, and short circuit.
3. Take only 2 hours to fully charge the battery by using the standard battery charger.

Cautions
- Do not short circuit.
- Do not expose to rain or immerse into water. This battery is not water proof.
- Keep out of reach of children.
- No over 24 hours’ continuous charging.
- Store in dry, cool, ventilated places.
- Do not put aside or into fire.
- Dead batteries should be disposed according to local regulations.
- Please charge the battery to approx. 60% before being placed for long time.
- If the battery had ceased using for over 3 months, please make a full recharge.

Loading and Unloading the Battery Pack

<table>
<thead>
<tr>
<th>Loading</th>
<th>Unloading</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Loading" /></td>
<td><img src="image2" alt="Unloading" /></td>
</tr>
</tbody>
</table>

Press Wireless Selection Button to switch the two wireless modes: built-in wireless transmission and external wireless transmission.

Battery

Battery Level Indication
Attach the battery pack to the flash correctly. Be aware of the battery level by check the battery level indication on the LCD panel when using.

<table>
<thead>
<tr>
<th>Battery Level Indication on the LCD Panel (indicating battery level and management of the whole flash system)</th>
<th>LED Battery Level Indication on the Battery (indicating battery level and management of non-loaded battery)</th>
<th>Meaning/Percentage of Battery Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 grids</td>
<td>1 red grid +3 green grids</td>
<td>75%~100%</td>
</tr>
<tr>
<td>2 grids</td>
<td>1 red grid +2 green grids</td>
<td>50%~75%</td>
</tr>
<tr>
<td>1 grid</td>
<td>1 red grid +1 green grid</td>
<td>25%~50%</td>
</tr>
<tr>
<td>Blank grid</td>
<td>1 red grid</td>
<td>&lt;25%</td>
</tr>
</tbody>
</table>

Low battery and charging reminder:
- 2%: red light blinks
- 1%: the indicator is off.

Note: Please recharge the battery as soon as possible (within 10 days). Then, the battery can be used or be placed for long period.

Power Management

Long press the <ON/OFF> Power Switch for 1 seconds to control the on/off of the flash unit. Turn off the power pack if the flash unit will not be used for an extended period. This product has auto power off function. The flash will auto power off in 30 to 120 min. which is set on C.Fn-STANDBY.

Wireless Flash Mode

AD600Pro can only be set as slave unit (receiver end). Press Wireless Selection Button to switch the two wireless modes: built-in wireless transmission and external wireless transmission.
Flash Mode — TTL Autoflash

This flash has three flash modes: TTL, Manual (M), and Multi (Stroboscopic). In TTL mode, the camera and the flash will work together to calculate the correct exposure for the subject and the background.

* Press <MODE> Mode Selection Button and three flash modes will display on the LCD panel one by one with each pressing.

**TTL Mode**

Press <MODE > Mode Selection Button to enter TTL mode. The LCD panel will display <TTL> .

---

**FEC: Flash Exposure Compensation**

With FEC function, this flash can adjust from -3 to +3 in 1/3rd stops. It is useful in situations where minor adjusting of the TTL system is needed based on the environment.

**Setting FEC:**

1. Press <SET> Button and flash exposure compensation amount will be highlighted on the LCD panel.
2. Set the flash exposure compensation amount.
   - Turn the Select Dial to set the amount.
   - *0.3* means 1/3 step, *0.7* means 2/3 step.
   - To cancel the flash exposure compensation, set the amount to *“0”*.
3. Press <SET> button again to confirm the setting.

---

**High-Speed Sync**

High Speed Sync (FP flash) enables the flash to synchronize with all camera shutter speeds. This is convenient when you want to use aperture priority for fill-flash portraits.

1. Press High Speed Sync Button so that < > is displayed.
2. Please use XPro or X1 series transmitter.

---

- If you set a shutter speed that is the same as or slower than the camera’s maximum flash sync speed, < > will not be displayed in the viewfinder.
- With high-speed sync, the faster the shutter speed, the shorter the effective flash range.
- To return to normal flash, press < > button again. Then < > will disappear.
- Multi flash mode cannot be set in high-speed sync mode.
- Over-temperature protection may be activated after 50 consecutive high-speed sync flashes.

---

---

Flash Mode — M: Manual Flash

The flash output is adjustable from 1/1 full power to 1/256th power in 1/3rd stop increments. To obtain a correct flash exposure, use a handheld flash meter to determine the required flash output.

1. Press <MODE > button so that < M > is displayed.
2. Turn the Select Dial to choose a desired flash output amount.
3. Press <SET> button again to confirm the setting.

**Flash Output Range**

The following table makes it easier to see how the stop changes in terms of f/stop when you increase or decrease the flash output. For example, when you decrease the flash output to 1/2, 1/2-0.3, or 1/2-0.7, and then increase the flash output to more than 1/2, 1/2+0.3, 1/2+0.7, and 1/1 will be displayed.

<table>
<thead>
<tr>
<th>Flash Output</th>
<th>Figures displayed when reducing flash output level</th>
<th>Figures displayed when increasing flash output level</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/1</td>
<td>1/1-0.3</td>
<td>1/1</td>
</tr>
<tr>
<td>1/2</td>
<td>1/2-0.3</td>
<td>1/2</td>
</tr>
<tr>
<td>1/4</td>
<td>1/4-0.3</td>
<td>1/4</td>
</tr>
</tbody>
</table>

---

**Optical S1 Secondary Unit Setting**

In M manual flash mode, press <MENU> button to enter C.Fn-SLAVE to choose S1 function, so that this flash can function as an optical S1 secondary flash with optic sensor. With this function, the flash will fire synchronously when the main flash fires, the same effect as that by the use of radio triggers. This helps create multiple lighting effects.

**Optical S2 Secondary Unit Setting**

Press <MENU> button to enter C.Fn-SLAVE to choose S2 function, so that this flash can also function as an optical S2 secondary flash with optical sensor in M manual flash mode. This is useful when cameras have pre-flash function. With this function, the flash will ignore a single “preflash” from the main flash and will only fire in response to the second, actual flash from the main unit.

- S1 and S2 optical triggering is only available in M manual flash mode.
Flash Mode — M: Manual Flash

Display Flash Duration
Flash duration refers to the length of time that from flash’s firing to reach the half peak at maximum. The half peak at maximum is usually expressed as t=0.5. In order to provide the photographer with more concrete data, this product adopts t=0.1. The difference between t=0.5 and t=0.1 is shown in the following picture.

- The flash duration will only be displayed on the LCD panel in M mode.

Stable Color Temperature Function
When use this function, the color temperature changes within ±75K over the entire power range: enter MENU C.Fn-COLOR and set it as ON, which means the color temperature function is turned on. When adjusting the power output from high to low in M mode, the Flash Ready Indicator will blink (the beeper will alarm for 1 minute). Now press the Test Button to discharge, and the flash can be used as normal.

- This function can only be supported in M non-high-speed mode.

Flash Mode — Multi: Stroboscopic Flash

With stroboscopic flash, a rapid series of flashes is fired. It can be used to capture a multiple images of a moving subject in a single photograph. You can set the firing frequency (number of flashes per sec. expressed as Hz), the number of flashes, and the flash output.

Press <MODE> button so that <MULTI> is displayed.

Calculating the Shutter Speed
During stroboscopic flash, the shutter remains open until the firing stops. Use the formula below to calculate the shutter speed and set it with the camera.

Number of Flashes / Flash Frequency = Shutter Speed

For example, if the number of flashes is 10 and the firing frequency is 5 Hz, the shutter speed should be at least 2 seconds.

To avoid overheating and deteriorating the flash head, do not use stroboscopic flash more than 10 times in succession. After 10 times, allow the camera flash to rest for at least 15 minutes. If you try to use the stroboscopic flash more than 10 times in succession, the firing might stop automatically to protect the flash head. If this happens, allow at least 15 minutes’ rest for the flash.

- Stroboscopic flash is most effective with a highly reflective subject against a dark background.
- Using a tripod and a remote control is recommended.
- A flash output of 1/1 and 1/2 cannot be set for stroboscopic flash.
- Stroboscopic flash can be used with “bulb”.
- If the number of flashes is displayed as “--”, the firing will continue until the shutter closes or the battery is exhausted. The number of flashes will be limited as shown by the following table.

Maximum Stroboscopic Flashes:

<table>
<thead>
<tr>
<th>Flash</th>
<th>Output</th>
<th>1/4</th>
<th>1/8</th>
<th>1/16</th>
<th>1/32</th>
<th>1/64</th>
<th>1/128</th>
<th>1/256</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hz</td>
<td></td>
<td>7</td>
<td>14</td>
<td>30</td>
<td>60</td>
<td>90</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>1</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>2</td>
<td>6</td>
<td>10</td>
<td>20</td>
<td>50</td>
<td>100</td>
<td>200</td>
<td>300</td>
<td>600</td>
</tr>
<tr>
<td>3</td>
<td>4</td>
<td>8</td>
<td>20</td>
<td>50</td>
<td>100</td>
<td>200</td>
<td>300</td>
<td>600</td>
</tr>
<tr>
<td>4</td>
<td>4</td>
<td>4</td>
<td>10</td>
<td>20</td>
<td>50</td>
<td>100</td>
<td>200</td>
<td>600</td>
</tr>
<tr>
<td>5</td>
<td>3</td>
<td>6</td>
<td>20</td>
<td>50</td>
<td>100</td>
<td>200</td>
<td>600</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>3</td>
<td>5</td>
<td>20</td>
<td>50</td>
<td>200</td>
<td>600</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>3</td>
<td>4</td>
<td>20</td>
<td>50</td>
<td>200</td>
<td>600</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>10</td>
<td>50</td>
<td>200</td>
<td>600</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>3</td>
<td>5</td>
<td>20</td>
<td>50</td>
<td>200</td>
<td>600</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>3</td>
<td>4</td>
<td>20</td>
<td>50</td>
<td>200</td>
<td>600</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>3</td>
<td>3</td>
<td>10</td>
<td>50</td>
<td>200</td>
<td>600</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12-14</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>6</td>
<td>50</td>
<td>200</td>
<td>600</td>
<td></td>
</tr>
<tr>
<td>15-19</td>
<td>2</td>
<td>6</td>
<td>20</td>
<td>50</td>
<td>200</td>
<td>600</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20-50</td>
<td>2</td>
<td>10</td>
<td>50</td>
<td>200</td>
<td>600</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>60-100</td>
<td>2</td>
<td>100</td>
<td>600</td>
<td>2000</td>
<td>6000</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- 35 -
AD600Pro adopts Godox 2.4G wireless X system, which has good compatibility with other products of our company. As a slave unit, AD600Pro is automatically compatible with Canon E-TTL II, Nikon i-TTL, Sony, Olympus, Panasonic and FUJIFILM system according to the master unit.

*As a slave unit, AD600Pro can be controlled by the following master units: AD360II series, TT685 series, V860II series, XPro series, X1T series, TT600 series, TT350 series, etc.

1. Wireless Settings
Press <GR/CH> Wireless Setting Button again until <GR/CH> is displayed on the panel.

2. Setting the Communication Channel
If there are other wireless flash systems nearby, you can change the channel IDs to prevent signal interference. The channel IDs of the master unit and the slave unit(s) must be set to the same.

1. Long press the <GR/CH> Button for 2 seconds so that channels ID is displayed on the LCD panel.
2. Turn the Select Dial to choose a channel ID from 1 to 32.
3. Press the <SET> button to confirm.

3. Setting the Communication Group
Short press the <GR/CH> Button to choose group ID from A to E.

4. Wireless Flash Shooting
Positioning and Operation Range (Example of wireless flash shooting)
- Autoflash Shooting with One Slave Unit

*Use master unit with wireless transmitting function as the transmitter end.
- Before shooting, perform a test flash and test shooting.
- The transmission distance might be shorter depending on the conditions such as positioning of slave units, the surrounding environment and whether conditions.
Wireless Flash Shooting: Radio (2.4G) Transmission

**Wireless Multiple Flash Shooting**

- You can divide the slave units into two or three groups and perform TTL autoflash while changing the flash ratio (factor). In addition, you can set and shoot with a different flash mode for each firing group.
- **Auto Shooting with Two Slave Groups**

![Diagram of two slave groups](image)

- **Auto Shooting with Three Slave Groups**

![Diagram of three slave groups](image)

**The Reason & Solution of Not Triggering in Godox 2.4G Wireless**

1. Disturbed by the 2.4G signal in outer environment (e.g. wireless base station, 2.4G wifi router, Bluetooth, etc.)
   → To adjust the channel CH setting on the flash trigger (add 10+ channels) and use the channel which is not disturbed. Or turn off the other 2.4G equipment in working.
2. Please make sure that whether the flash has finished its recycle or caught up with the continuous shooting speed or not (the flash ready indicator is lighten) and the flash is not under the state of over-heat protection or other abnormal situation.
   → Please downgrade the flash power output. If the flash is in TTL mode, please try to change it to M mode (a preflash is needed in TTL mode).
3. Whether the distance between the flash trigger and the flash is too close or not
   → Please turn on the “close distance wireless mode” on the flash trigger (< 0.5m):
   X1 series: press the test button and hold on, then turning it on until the flash ready indicator blinks for 2 times.
   XPro series: Set the C.Fn-DIST to 0-30m.
4. Whether the flash trigger and the receiver end equipment are in the low battery states or not
   → Please replace the battery (the flash trigger is recommended to use 1.5V disposable alkaline battery).

**C.Fn: Setting Custom Functions**

<table>
<thead>
<tr>
<th>Custom Function Signs</th>
<th>Functions</th>
<th>Setting Signs</th>
<th>Settings &amp; Descriptions</th>
<th>Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>COLOR</td>
<td>Stable color temperature</td>
<td>ON</td>
<td>ON</td>
<td>M Non high-speed mode</td>
</tr>
<tr>
<td>SLAVE</td>
<td>S1/S2 mode selection</td>
<td>OFF</td>
<td>OFF</td>
<td>M mode</td>
</tr>
<tr>
<td></td>
<td></td>
<td>S1</td>
<td>S1 mode</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>S2</td>
<td>S2 mode</td>
<td></td>
</tr>
<tr>
<td>MODEL</td>
<td>Modeling lamp</td>
<td>CONT</td>
<td>Continuous lighting</td>
<td>NO</td>
</tr>
<tr>
<td></td>
<td></td>
<td>INTER</td>
<td>Off after finishing the flash recycle</td>
<td></td>
</tr>
<tr>
<td>STANDBY</td>
<td>Auto power off</td>
<td>OFF</td>
<td>OFF</td>
<td>NO</td>
</tr>
<tr>
<td></td>
<td></td>
<td>30min</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>60min</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>90min</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>120min</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LIGHT</td>
<td>Backlighting time</td>
<td>15sec</td>
<td>Off in 15 sec.</td>
<td>NO</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OFF</td>
<td>Always off</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ON</td>
<td>Always lighting</td>
<td></td>
</tr>
<tr>
<td>DELAY</td>
<td>Delay flash</td>
<td>OFF, 0.01~30S</td>
<td>Can be triggered as second curtain</td>
<td>M/Multi mode</td>
</tr>
<tr>
<td>UNITS</td>
<td>Total number of flashes</td>
<td>2~4</td>
<td>Use UNITS in combination with</td>
<td>M mode</td>
</tr>
<tr>
<td>ALT</td>
<td>Triggering times</td>
<td>1~4</td>
<td>ALT: UNITS sets the total number of flashes; ALT sets the triggering times before flash’s firing</td>
<td>M mode</td>
</tr>
<tr>
<td>LCD</td>
<td>LCD contrast</td>
<td>-3 ~ +3</td>
<td>7 levels</td>
<td>Wireless mode</td>
</tr>
<tr>
<td>ID</td>
<td>Wireless ID</td>
<td>OFF</td>
<td>off</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>01-99</td>
<td>Choose from 01 to 99</td>
<td></td>
</tr>
<tr>
<td>RESET</td>
<td>Parameter resetting</td>
<td>NO</td>
<td>YES</td>
<td>Reset</td>
</tr>
</tbody>
</table>

1. Press <MENU> Button to enter C.Fn menu. The “Ver x.x” in the top-right corner refers to the software version.
2. Select the Custom Function Signs.
   • Turn the Select Dial to select the Custom Function Signs.
3. Change the Setting.
   • Press <SET> button and the setting signs are highlighted.
   • Turn the Select Dial to set the desired number. Press <SET> button will confirm the settings.
4. Exit C.Fn menu.
   • Press <MENU> Button to exit.
1. Over-Temperature Protection

- To avoid overheating and deteriorating the flash head, do not fire more than 75 continuous flashes in fast succession at 1/1 full power. After 75 continuous flashes, allow a rest time of at least 5 minutes.
- If you fire more than 75 continuous flashes and then fire more flashes in short intervals, the inner over-temperature protection function may be activated and make the recycling time over 10 seconds. If this occurs, allow a rest time of about 5 minutes, and the flash unit will then return to normal.
- When the over-temperature protection is started, the number of flashes that will activate over-temperature protection is shown on the LCD display.

Number of flashes that will activate over-temperature protection:

<table>
<thead>
<tr>
<th>Power Output Level</th>
<th>Number of Flashes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/1</td>
<td>75</td>
</tr>
<tr>
<td>1/2 (+0.3,+0.7)</td>
<td>100</td>
</tr>
<tr>
<td>1/2 (+0.3)</td>
<td>120</td>
</tr>
<tr>
<td>1/2</td>
<td>150</td>
</tr>
<tr>
<td>1/4 (+0.3,+0.7)</td>
<td>200</td>
</tr>
<tr>
<td>1/8 (+0.3,+0.7)</td>
<td>300</td>
</tr>
<tr>
<td>1/16 (+0.3,+0.7)</td>
<td>400</td>
</tr>
<tr>
<td>1/32 (+0.3,+0.7)</td>
<td>500</td>
</tr>
<tr>
<td>1/64 (+0.3,+0.7)</td>
<td>1000</td>
</tr>
<tr>
<td>1/128 (+0.3,+0.7)</td>
<td></td>
</tr>
<tr>
<td>1/256 (+0.3,+0.7)</td>
<td></td>
</tr>
</tbody>
</table>

Number of flashes that will activate over-temperature protection in high-speed sync triggering mode:

<table>
<thead>
<tr>
<th>Power Output</th>
<th>Times</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/1</td>
<td>50</td>
</tr>
<tr>
<td>1/2 (+0.3,+0.7)</td>
<td>60</td>
</tr>
<tr>
<td>1/4 (+0.3,+0.7)</td>
<td>75</td>
</tr>
<tr>
<td>1/8 (+0.3,+0.7)</td>
<td>100</td>
</tr>
<tr>
<td>1/16 (+0.3,+0.7)</td>
<td>150</td>
</tr>
<tr>
<td>1/32 (+0.3,+0.7)</td>
<td>200</td>
</tr>
<tr>
<td>1/64 (+0.3,+0.7)</td>
<td>300</td>
</tr>
<tr>
<td>1/128 (+0.3,+0.7)</td>
<td></td>
</tr>
<tr>
<td>1/256 (+0.3,+0.7)</td>
<td></td>
</tr>
</tbody>
</table>

2. Other Protections

- The system provides real-time protection to secure the device and your safety. The following lists prompts for your reference:

<table>
<thead>
<tr>
<th>LCD Panel</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Error 1</td>
<td>A failure occurs on the recycling system so that the flash cannot fire. Please restart the flash unit. If the problem still exists, please send this product to a maintenance center.</td>
</tr>
<tr>
<td>Error 3</td>
<td>The voltage on two outlets of the flash tube is too high. Please send this product to a maintenance center.</td>
</tr>
<tr>
<td>Error 9</td>
<td>There are some errors occurred during the upgrading process. Please using the correct firmware upgrade method.</td>
</tr>
</tbody>
</table>
### Technical Data

<table>
<thead>
<tr>
<th>Model</th>
<th>AD600Pro</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Wireless Slave Unit Mode</strong></td>
<td>Radio transmission mode (compatible with Canon E-TTL II, Nikon i-TTL, Sony, Olympus, Panasonic and FUJIFILM).</td>
</tr>
<tr>
<td><strong>Flash Mode</strong></td>
<td>Wireless off</td>
</tr>
<tr>
<td></td>
<td>Slave unit of radio transmission</td>
</tr>
<tr>
<td><strong>Guide No. (m ISO 100)</strong></td>
<td>87 (m ISO 100, with high-efficiency standard reflector)</td>
</tr>
<tr>
<td><strong>Flash Duration</strong></td>
<td>1/220 to 1/10100 seconds (T0.1)</td>
</tr>
<tr>
<td><strong>POWER</strong></td>
<td>600Ws</td>
</tr>
<tr>
<td><strong>Power Output</strong></td>
<td>9 steps: 1/256~1/1</td>
</tr>
<tr>
<td><strong>Stroboscopic Flash</strong></td>
<td>Provided: up to 100 times, 100Hz</td>
</tr>
<tr>
<td><strong>Sync mode</strong></td>
<td>High-speed sync (up to 1/8000 seconds), first-curtain sync, and second-curtain sync</td>
</tr>
<tr>
<td><strong>Delay Flash</strong></td>
<td>0.01~30 Seconds</td>
</tr>
<tr>
<td><strong>Mask</strong></td>
<td>√</td>
</tr>
<tr>
<td><strong>Fan</strong></td>
<td>√</td>
</tr>
<tr>
<td><strong>Beeper</strong></td>
<td>√</td>
</tr>
<tr>
<td><strong>Modeling Lamp (LED)</strong></td>
<td>38W/4800K/TLIC: 93</td>
</tr>
<tr>
<td><strong>Optical Slave Flash</strong></td>
<td>S1/S2</td>
</tr>
<tr>
<td><strong>Flash Duration Indication</strong></td>
<td>√</td>
</tr>
<tr>
<td><strong>Display</strong></td>
<td>Dot-matrix panel</td>
</tr>
</tbody>
</table>

**Wireless Flash (2.4G wireless transmission)**

- **Wireless Flash Function**: Slave, Off
- **Controllable Slave Groups**: 5 (A, B, C, D, E)
- **Transmission Range (approx.)**: 100m
- **Channels**: 32 (1~32)
- **Wireless ID**: To avoid signal interference effectively, triggering can only be achieved when the channels and wireless IDs of the master and slave unit are set to the same.

**Power Supply**

- **Power Supply**: Lithium battery pack (28.8V/2600mAh)
- **Full Power Flashes**: 360
- **Recycle Time**: Approx. 0.01~0.9s
- **Battery Indicator**: √
- **Power Indicator**: Power off automatically after approx. 30~120 minutes of idle operation.

**SyncTriggering Mode**

- **3.5mm sync line, wireless control port**

**Color Temperature**

- **5600±200K**

**Stable Color Temperature Mode**

- **Changes within ±75K in entire power range**

**Dimensions**

- **Dimension (with battery)**: 250x245x125 mm (flash tube & reflector not included)
- **Net Weight (with battery)**: 3 Kg (flash tube & reflector not included)

---

### Troubleshooting

If there is a problem, refer to this Troubleshooting Guide.

**The flash exposure is underexposed or overexposed.**

- You used high-speed sync.
  → With high-speed sync, the effective flash range will be shorter. Make sure the subject is within the effective flash range displayed.
- You used Manual Flash mode.
  → Set the flash mode to TTL or modify the flash output.

### Firmware Upgrade

This flash supports firmware upgrade through the USB port. Update information will be released on our official website.

- USB connection line is not included in this product. As the USB port is a Type-C USB socket, please use the Type-C USB line.
- As the firmware upgrade needs the support of Godox G2 software, please download and install the "Godox G2 firmware upgrade software" before upgrading. Then, choose the related firmware file.
- As the products needs to do firmware upgrade, please refer to instruction manual of the newest electric version as final.

### Maintenance

- Shut down the device immediately should abnormal operation be detected.
- Avoid sudden impacts and the product should be dedusted regularly.
- It is normal for the flash tube to be warm when in use. Avoid continuous flashes if unnecessary.
- Maintenance of the flash must be performed by our authorized maintenance department which can provide original accessories.
- This product, except consumables e.g. flash tube, is supported with a one-year warranty.
- Unauthorized service will void the warranty.
- If the product had failures or was wetted, do not use it until it is repaired by professionals.
- Changes made to the specifications or designs may not be reflected in this manual.