

Aputure®

Trigmaster 2.4G

User Manual

Aputure®
www.aputure.com



深圳影歌科技授权生产
Aputure Manufacturing Authority

使用者指南

前言

感谢您购买Aputure® (爱图仕) Trigmaster 2.4G, 本产品延续并融合了以往爱图仕产品的优越性能, 并添加了新的功能, 相信会给您带来更加愉悦的摄影体验。您可以通过本说明书轻松掌握产品的使用方法及了解相关注意事项。为保证拍摄的顺利进行, 照相机及闪光灯的使用请对照相应用户手册。



产品功能简介

Trigmaster 2.4G采用2.4G频率, 符合世界上所有国家开放的的无线电频段, 并且设有16个独立频道, 可满足多个摄影师同时工作的要求, 并能有效保证速度、距离及稳定性。当使用指定品牌数码单反相机控制专用闪光灯时, 快门同步速度高达1/250秒, 距离远达120米(开阔地带)。

主要特点:

1. 无线同步触发影视闪光灯
2. 无线同步触发机顶闪光灯
3. 无线同步触发相机快门
4. 2.4G传输信号, 性能更加稳定
5. 120米之内可触发相机和闪光灯, 80米之内无漏闪
6. 可唤醒闪光灯(佳能/尼康/索尼等闪光灯)
7. 可兼容爱图仕研发、生产的所有Trigmaster家族内的2.4G产品

更方便搭配的方式:

1. 可以单独购买接收器(本产品由发射器和接收器两部分组成), 以便使用单一发射器来同时控制多个接收器
2. 可以通过另购相机遥控线来控制多种不同型号相机

Trigmaster 2.4G 各部位名称



发射器

1. 天线
2. 发射状态指示灯
3. 触发键
4. 频道选择开关
5. 功能选择开关
6. 热靴触发接口
7. 电源开关
8. 电池仓
9. PC接口

接收器

1. 接收状态指示灯
2. 频道选择开关
3. 功能选择开关
4. 机顶闪光灯触发接口
5. 热靴固定座
6. 快门触发接口
7. 影视闪光灯触发接口
8. 电池仓

附件

9. 相机遥控线
10. 闪光灯同步线
11. PC线
12. 同步转换头

电池安装

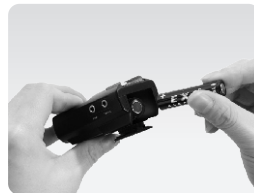
发射器

发射器使用一节23A 12V电池，正常可连续传送2万次以上。安装电池时，按电池舱上的箭头方向滑动可打开电池舱，插入电池前请对准正负极，按照箭头反方向滑动电池舱盖关闭电池舱。



接收器

接收器使用二节AAA1.5V电池。正常可使用80小时以上，安装电池时，按电池舱上的箭头方向滑动可打开电池舱，插入电池前请对准正负极，按照箭头相反方向滑动电池舱盖关闭电池舱。



设定频道


Trigmaster 2.4G共16个频道，使用前请务必将发射器与接收器置于相同频道。可以使用单一的发射器来同时控制多个接收器，即同时控制多台闪光灯；或用于多个摄影师于同一环境中工作来控制不同的相机（不同摄影师要设置不同的频道以避免信号干扰）。



调频方法

1. 默认频道:



 小贴士: 当四个按键分别处于下方时, 频道分别为1频, 2频, 4频, 8频。

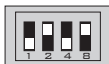
2. 调频操作示例:

例一: 1频



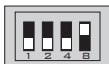
(1处于下方)

例二: 5频



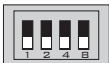
(5频=1+4)

例三: 7频



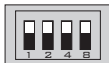
(7频=1+2+4)

例四: 15频



(15频=1+2+4+8)

例五: 16频



(全处于上方)


功能与操作

1. 无线同步触发影视闪光灯

发射器放置于相机上, 接收器通过同步线连接到影视闪光灯上。



将发射器电源开关设置到‘ON’状态, 并将发射器和接收器置于‘Flash’档位, 按照图示方式安装好发射器和接收器, 按下相机快门, 相机同步触发影视闪光灯。


 小贴士: 当Trigmaster 2.4G作为闪光灯触发器时, 只需轻按发射器触发键就可测试闪光灯同步状况。

2. 无线同步触发机顶闪光灯

发射器放置于相机上, 接收器与机顶闪光灯连接。

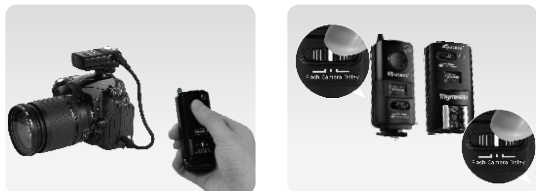


将发射器电源开关设置到‘ON’状态, 并将发射器和接收器置于‘Flash’档位, 按照图示方式安装好发射器和接收器, 按下相机快门, 相机同步触发机顶闪光灯。

 小贴士: Trigmaster 2.4G配带PC同步线, 可兼顾无热靴相机的使用。



3. 无线同步触发相机快门



发射器置于手中,接收器通过快门遥控线连接到相机上,发射器射器和接收器都置于‘Camera’档位。

A. 普通拍摄

将发射器拿于手中,半按触发键,发射状态指示灯变为绿色,相机自动对焦;全按触发键,发射状态指示灯变为红色,相机拍摄。

□ 小贴士:将相机先设置为连拍模式,全按触发键不松手,即可实现遥控连拍。

B. 长曝光拍摄(相机设置为B门)

将发射器拿于手中,持续全按触发键3秒以上,发射状态指示灯自动熄灭,接收状态指示灯维持红色,此时可释放触发键,相机持续曝光;再次轻按触发键,相机解除曝光,两边指示灯熄灭。

C. 延时拍摄

将发射器设置到‘delay’档位,半按触发键,发射状态指示灯变为绿色,相机自动对焦;全按触发键,接收器状态指示灯变为红色并由慢至快闪烁,闪烁5秒后,触发相机拍摄。



4. 多相机控制操作

同时使用一个发射器,多个接收器时,把Trigmaster 2.4G的发射器置于一台相机热靴上(设置于Flash档位),其他的Trigmaster 2.4G接收器置于其他相机的热靴上(设置于Flash档位),并通过相机遥控线与相机相连。当触发装有发射器的相机快门时,其他装有接收器的相机同时也会被触发。



5. 唤醒功能操作

Trigmaster 2.4G具有唤醒闪光灯的功能。当机顶闪光灯停止工作一段时间后,会自动进入休眠节电状态,这时,具有唤醒闪光灯功能的Trigmaster 2.4G可以自动唤醒闪光灯,并保持相机和闪光灯的同步工作。

6. 兼容操作

由我司研发、生产的所有Trigmaster家族内的2.4G产品均可做到互相兼容。

常见问题解答

☞ 不能正常引闪或拍摄

- 电池是否已正确安装，是否打开了接收器的电源开关
- 发射器和接收器是否设定在同一个频道
- 连接线或热靴接口是否已正确连接到位
- 发射器和接收器的功能模式是否设置正确

☞ 相机只能拍摄不能对焦

机身或镜头对焦模式是否设定为MF手动对焦，请设置为AF自动对焦。

☞ 受干扰引闪或拍摄

改变Trigmaster 2.4G频道设置即可

☞ 触发距离有限

- 检查电池是否耗尽
- 尝试变换发射器的角度及位置

技术参数

载频：	2.4G
发射距离：	约120米（开阔地带）
频道数：	16频
触发同步延时：	1/250秒
连续触发频率：	8帧/秒
发射器尺寸：	76×33×27毫米
接收器尺寸：	71×38×32毫米
发射器电池：	使用23A 12V电池一节
接收器电池：	使用AAA 1.5V电池二节

安全须知

为了防止对产品造成损害或伤害到您自己或他人，请在使用前充分阅读下面的安全须知，并妥善保管以便所有本产品的使用者可随时参阅。

☞ 请勿自行拆卸或改装

违反此警告可能会触电或导致产品故障。若本产品因为摔落或其它意外事故造成破损，请取出电池，并送到专业维修店维修。

☞ 保持干燥

请勿用湿手操作，禁止将产品置于水中或在雨中作业。否则可能引起火灾或触电。

请勿在有易燃气体的环境下使用，违反此警告可能引起爆炸或火灾。

☞ 置于儿童接触不到的地方

本产品包含的零部件，有可能造成窒息的危险。如果儿童不小心吞食了零件，请立即送往医院救治。

☞ 请勿暴露于高温环境

请勿将本产品置于阳光直射下的封闭的车辆内或其他高温环境。否则可能导致产品发生爆炸。

☞ 电池使用安全事项

- 只能使用本手册中指定的电池。
- 不要混用新旧电池或不同类型的电池。
- 请勿拆卸电池或使电池短路。
- 装电池时要注意正负极对应正确。
- 电池电量耗完时容易发生漏液，为防止对产品造成损害，当长期不使用本产品时请将电池取出。
- 如果受损电池中的液体接触到皮肤或衣物，应立刻用大量清水冲洗。

Aputure®

Trigmaster 2.4G

User Manual



Foreword

Thank you for purchasing Aputure® Trigmaster 2.4G. It inherits the advantages of previous flash and shutter trigger products while integrating exciting new features, bringing you a splendid flash control experience. You can easily understand how to use Trigmaster 2.4G from this instruction manual. To make your shooting go smoothly, also refer to your camera and flash manual before use.



Product introduction

Trigmaster 2.4G uses a 2.4G wireless frequency which is suitable for free channels in most countries. With 16 independent channels, many photographers can work together using Trigmaster 2.4G, operating efficiently at high speeds and long distances in a stable manner. When using a Canon or Nikon to control your speedlight, the flash sync speed works up to 1/250s, and 120 meters remote distance (in open areas).

Main features:

1. Strobe, Speedlight, and Camera all controllable
2. Ultra-fast microchips enable sync speeds of 1/250sec
3. 2.4G radio frequency
4. More stable, reliable, sensitive with longer range up to 120m at any angle
5. Can awaken most branded speedlights like Canon, Nikon, Sony, Olympus, etc
6. Compatible with all Trigmaster 2.4G family triggers

Ordering Options:

Trigmaster 2.4G contains one Transmitter and one Receiver, however:

1. One may order a single transmitter and multiple receivers for use at the same time.
2. One may order an individual remote cable to control different camera models.

Trigmaster 2.4G Part Reference



Transmitter

1. Antenna
2. Transmitter indicator lamp
3. Trigger button
4. Channel switch
5. Function switch
6. Hot shoe connection
7. Power switch
8. Battery holder

Receiver

1. Receiver indicator lamp
2. Channel switch
3. Function switch
4. Hot shoe flash connection
5. Hot shoe mounting plate
6. Camera remote shutter hole
7. Studio flash sync hole
8. Battery holder

Accessories

9. Remote cable
10. Sync cable
11. PC cable
12. Convert adapter

Battery setup

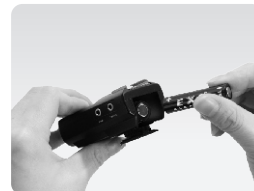
Transmitter

The transmitter uses one 23A 12V battery, which can normally be used for 20,000 clicks. To insert the battery, follow the arrow direction to open the battery hatch; insert the battery according to the +/- icons, then close the battery hatch.



Receiver

The receiver uses two AAA1.5V batteries, which normally can be used up to 80 hours. To insert the battery, follow the arrow direction to open the battery hatch; insert the battery according to the +/- icons, then close the battery hatch.



Channel Settings

Trigmaster 2.4G contains 16 possible channels. Set the transmitter and receiver on the same channel before use. One transmitter can work with multiple receivers to control multiple flashes or multiple cameras simultaneously. Trigmaster 2.4G can also be used by multiple photographers working together to control different cameras, but each photographer must set their own channel differently from others to avoid signal disturbance.



Channel Adjustment

1. Trigmaster 2.4G Channels



📖 Tips: The four small buttons on the bottom indicate the channel number.

2. Channels Adjustment Operation:

E.g.: channel 1



(Channel 1 is below)

E.g.: channel 5



(Channel 5=1+4)

E.g.: channel 7



(Channel 7=1+2+4)

E.g.: channel 15



(Channel 15=1+2+4+8)

E.g.: channel 16



(All above)

Using the Trigmaster 2.4G:

1. Controlling Studio Strobe Flash

Mount transmitter on camera, connect receiver to strobe flash by sync cable.



Turn on the transmitter power and set the transmitter and receiver's function switch to 'Flash'. Mount the transmitter and receiver as shown in the illustration. Press the camera shutter button, and the strobe flash will be triggered at the same time.

📖 Tips: When using Trigmaster 2.4G to control your strobe light, press the trigger button on the transmitter to test synchronicity of the flash.

2. Controlling Speedlight Flash

Mount transmitter on camera, slide speedlight into receiver's hot shoe.



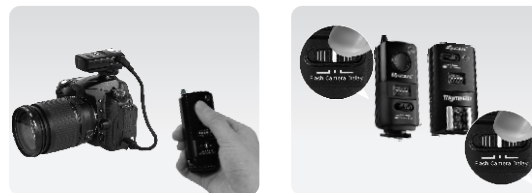
Turn on the transmitter power, then set the transmitter and receiver's function switch to 'Flash'. Mount the transmitter and receiver as shown in the illustration. Press the camera shutter button, and the speedlight flash will be triggered simultaneously.

📖 Tips: Trigmaster 2.4G package includes a PC cord, which can be used to connect to a camera which has no hot shoe mount.



3. Controlling the Camera Shutter

Connecting receiver to camera by remote cable. Set both units' function switch to 'Camera'.



Normal shooting

Hold the transmitter in hand, half press the trigger button to auto-focus (lamp turns green), fully press the trigger button to take a picture (lamp turns red).

Tips: While your camera is set on Continuous Capture Mode , fully press the trigger button to activate continuous shots.

Long-exposure settings (Bulb mode)

Hold the transmitter in hand, fully press the trigger button (at least 3 seconds), until the lamp turns off on the transmitter, but remains red on the receiver. Release the trigger button, and the camera continues exposure. Press the trigger button again, and camera stops exposure (lamps turn off on transmitter and receiver).

Delay shooting

Set the transmitter’s function switch to ‘Delay’. Half press the trigger button to auto-focus the camera (lamp turns green on transmitter). Fully press the trigger button to take a picture (lamp turns red and blinks for 5 seconds before shooting).



4. Multiple Camera Shutter Control

With Trigmaster 2.4G, you can control multiple cameras at the same time. Place one trigger to your master camera, and set it to flash mode. Set the other more receivers on your additional cameras, and set them to flash mode(Don't forgot to attach the remote shutter cable). When you press the shutter on your master camera, the shutters will be triggered on your additional cameras at the same time.



5. Wake up Function Operation

Trigmaster 2.4G is able to wake your speedlight flash. When you stop using your flash for a period of time, it will go to sleep and become dormant. When using Trigmaster 2.4G, you can wake up the flash.

6. 2.4G Compatibility

All 2.4G products from the Aputure Trigmaster family are compatible with one another.

Trouble Shooting

Unable to trigger flash or camera shutter

- Make sure the battery is installed and receiver power switch turned on.
- Set the transmitter and receiver to the same channel.
- Make sure the hot shoe mount or PC cable is completely connected.
- Make sure the transmitter and receiver are set on the correct function switch.

Camera shoots but doesn't focus

- Make sure the lens focus mode is set to AF, not MF.

Operating distance limited

- Check if the battery is exhausted.
- Try to change transmitter's orientation and position.

Signal Disturbance or Shooting Interference

- Make sure Trigmaster 2.4G channel switch settings are different from other photographers.

Specifications:

Type:	2.4G
Transmitter distance:	120 meters (open area)
Channel:	16 different channels
Sync-speed:	1/250 sec
Continuous trigger frequency:	8 frames/second

Dimensions

Transmitter:	76×33×27mm
Receiver:	71×38×32mm

Power supply

Transmitter:	23A 12V compact battery x 1
Receiver:	1.5V AAA battery x 2

For Your Safety

To prevent damage to your product or injury to yourself or to others, read the following safety precautions in their entirety before using this equipment. Keep these safety instructions where all those who use this equipment will read them.

⚠ Do not disassemble or modify

Failure to observe this precaution could result in electric shock or product malfunction. Should the product break open as the result of a fall or other accident, remove the batteries.

⚠ Keep dry

Do not handle with wet hands or immerse in or expose to water or rain. Failure to observe this precaution could result in fire or electric shock.

⚠ Do not use in the presence of flammable gas

Failure to observe this precaution could result in explosion or fire.

⚠ Keep out of reach of children

This device contains small parts which may pose a choking hazard. Consult a physician immediately if a child swallows any part of this device.

⚠ Do not expose to high temperatures

Do not leave the device in a closed vehicle under the sun or in other areas subject to extremely high temperatures. Failure to observe this precaution could result in fire or in damage to the casing or internal parts.

⚠ Observe precaution when handling batteries

- Use only batteries listed in this manual. Do not mix old and new batteries or batteries of different types.
- Do not short or disassemble.
- Do not attempt to insert batteries upside down or backwards.
- Batteries are prone to leakage when fully discharged. To avoid damage to the product, be sure to remove the batteries when leaving the product unattended for prolonged periods or when no charge remains.
- Should liquid from the batteries come into contact with skin or clothing, rinse immediately with fresh water.