King PRO

Wireless TTL Flash Trigger
For Sony (New Sony Mi hot shoe port)

This manual also applies to the full set, single receiver or transceiver.

Instruction Manual

Overview

Thank you for purchasing high-performance Pixel product.

First, thank you for purchasing high-performance Pixel product - King PRO. It is the newly designed trigger for new Sony hot shoe. Support TTL, M, HSS, Light ratio control, exposure compensation, group control and other functions. Imported FSK2.4GHz wireless flash control system, the control distance is up to 300m. Besides the high performance of controlling Sony speedlite, it can also control the speedlite on receiver of the Canon/Nikon King PRO to achieve the hign performance flash mode (The specific compatible functions pls refer to the website description).

With group function, it has three groups. Each group can output different modesby controlling device. The compatible speedlite can directly control flash mode and output power of the speedlite by transmitter and get different flash mode without adjust speedlite.

Before using, you must read through and totally understand this instruction manual, your camera and speedlite, to ensure you are familiar with the operation and can use correctly. By this manual, you can master this product and precautions easily.

*The single receiver needs to be worked with the transceiver, this manual also applies to the single receiver or transceiver.

Precautions

⚠ Before installing, please make sure your camera and flash are powered off.

⚠ This product is an electronic device, it may be affected by external environmental factors and cause the camera cannot operate or malfunction. Nevertheless, this possibility is very small.

⚠ Do not let the components suffered from strong vibration, otherwise it may cause the product malfunction.

⚠ When not in use for long durations, please turn off the power of the transceiver and the receiver and remove the batteries.

⚠ The batteries should be installed correctly. Reverse polarity may cause batteries to leak corrosive liquids, heat or explosion.

⚠ When connecting the cable to the device, do not pull the wires directly.

⚠ Keep dry; do not touch the product with wet hands.

⚠ Do not immerse in water or exposed to rain as this may lead to device failure.

⚠ Do not use near flammable gases. Failure to follow this warning may cause explosion or fire.

⚠ This product involves batteries; please strictly follow the instruction for proper operation. Failure to follow this may cause explosions, fire or personal injury.

Items Included

missing, please contact your dealer.
below items are included in the package. If there is any item
After unpacking, (full set King PRO SET), please check if the

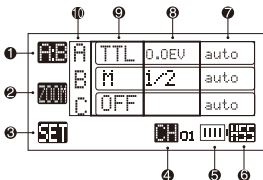| King PRO Full Set | Transceiver/ Receiver each 1pc | Instruction Manual 1pc |
| King PRO Transceiver | Transceiver 1pc | Instruction Manual 1pc |
| King PRO Receiver | Receiver 1pc | Instruction Manual 1pc |

Item Name

King PRO Transceiver

King X Receiver

❶ Hot Shoe: Connect with flash for communication. This connect flash function is not controlled by the transc-eiver, flash output function set on the flash directly.

❷ Light Indicator: Blue light blinks indicates normal communication with camera. Red light blinks indicates sending of flash signal.

❸ Test Flash/Shutter Button: This button is used to test whether the device is connected successfully. Press the button connected to the device flash indicates a successful connection. If you use together with the shutter connecting cable, this button is used as the shutter button.

❹ Group Settings: Group settings on/off. When the group is opened, the light indicator of the corresponding group will on. When the group is off, the light indicator of the corresponding group is off. When the transceiver is under standby condition, press the corresponding group key, you can directly set the group`s function mode.

❺ USB interface: Update the interface of the device, shutter signal output (using shutter function need topurchase USB shutter connecting cable from Pixel).

❻ Sync: Trigger signal output interface, used to trigger studio lights.

❼ Custom Buttons: According to the icon illustrated on the screen as the corresponding function button. A:B is the light ratio icon, ZOOM is the focal length set icon, SET multi-functional icon. The corresponding icons showed on the screen are the corresponding functions.

❽ Hot Shoe Foot: Connect with camera for communication.

❾ Device Working Mode Button: Can convert between transmitter mode and receiver mode. When it is in transmitter mode, the screen is green; in receiver mode, the screen is white. Slave is the receiver mode.

❿ Channel Setting Button: can set 1-15 fixed channels and 1 automatic channel.

⓫ Sync Switch Button: High-speed Sync, 1st curtain sync.

⓬ ON/OFF Button: Power Switch, ON and OFF.

⓭ Mounting Bracket Nut: When transceiver is used as the slave mode and install the flash is fixed, you canbuy and use in conjunction with company`s special bracket.

⓮ Channel Switch: It can set 1-3 pcs fixed channels and 1pc automatic channel.

Transceiver King PRO Icon Introduction

❶ Light Ratio icon
❷ Focus icon
❸ Multifunction icon
❹ Channel icon
❺ Power icon
❻ Sync mode icon
❼ Focal length area
❽ Exposure compensation/ Manual output display area
❾ Group function mode display area
❿ Group icon

Specification

Flash Mode:	TTL, M
Sync Mode:	HSS, 1st Curtain Sync
Sync Speed:	1/8000s
Communication Mode:	FSK2.4GHz

Focal Length Control:	24-105mm
Control Distance:	300m
Communication Channels:	15pcs
Shutter Control:	Support camera single shooting
Manual Flash:	1/128-1/1 power
Compatibility Mode:	Sony/ Canon/Nikon Speedlite, studio light, outdoor flash
External Interface:	USB, PC port
Stand-by Time:	Tranceiver 200hours, Receiver 100hours
Battery:	Tranceiver AA X 2 pcs, Receiver AAx2pcs
Transceiver Weight:	125g
Receiver Weight:	69g
Transceiver Dimension:	63mm x 94.5mm x 51.4mm
Receiver Dimension:	59mm x 92mm x 48mm

Function

Convenient and simply, smart and powlerfu

01.LCD display output at a glance.

02.Multi-keys settings. Each feature has individual buttons, simple and easy to use.

03.Support more operation system to upgrade device firmware online, such as Windows, Mac OSX .

04.More stable and reliable hardware and software for the new upgrade.

05.Farther remote distance, control distance above 300m. each group to different flash output ratio.

07.More power-saving design, and the use of more reliable gold-plated metal battery clip as well as anti-lost battery compartment cover design.

08.King PRO uses a full metal structure design, more solid, as hard as a stone, external metal mounting bracket nuts, the same as the design of flash bracket.

09.KingPRO uses two colors of LED backlight, it's easy to identify the Master (transmitter) or Slave (receive) working mode.

10.More scalable SYNC output socket, you can control the spedlites, outdoor lights, studio lights and so on.

11.More humane test flash output brightness.

12.Supports the button to control the focal length of the flash.

Test Flash

1.Check if the power is turned on.

2.Press the test flash button, check if the transceiver and receiver are set to the same channel and group successfully. Only the channel and group are consistent can you test the flash successfully.

A: Test transceiver: when flash is set to E-TTL mode, the test flash output is pre-flash. When the flash is set to the manual M mode, test flash output is the current output ratio.

B: When transceiver is the transmitter: Press down the test flash button, it corresponds to the valid flash to fire, including the flash of the device.

C: When transceiver is the receiver , press down test flash button, the flash on the device is fire.

Operation Introduction

When using King PRO Sony, the Sony camera cannot be at "WL" wireless mode, otherwise itcannot be used.

Light Ratio Setting

After turned on, press transceiver 【A:B】button enter into light ratio setting screen. Pressing the button one time is A:B light ratio setting, pressing the button two times, it is A:B:C light ratio setting. Pressing the button continuously for three times, you can exit the setting.

1.A:B light ratio setting

By pressing transceiver 【A:B】button on the LCD screen one time entering into A:B light ratio setting screen(as shown in1), then press 【SET】button set the light ratio output according to
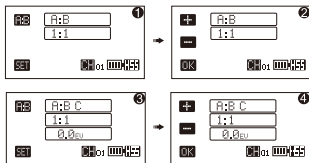
the "+、-" button on the screen.(as shown in 2). Pressing the OK button to finish the setting.
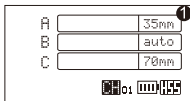
2.A:BC light ratio setting

By continously pressing the transceiver 【A:B】 button two times can enter into A:BC light ratio setting(as shown in 3). Aftre press 【SET】 button, the light ratio output and C group exposure compenmenation can be set according to the "+、-" button on the screen(as shown in 4). After setting, pressing the OK button to confirm and then pressing the 【A:B】 button to exit the main screen.

Flash Focal Length Setting

After powered on, by pressing the 【ZOOM】 button on the transceiver LCD screen to enter into the focal length setting screen (as sgiwb ub 1), then pressing screen group button or the A,B,C buttons on the side of the transceiver to choose the group you need to set. According to the "+、-" button on the screen to set the focal distance "24mm-105mm", auto is the is the automatic focal length, pressing the 【OK】 button to finish the setting.

Group Function Mode Setting

After powered on, continuously pressing transceiver A/B/C group button can set the group function mode, the function mode can be shifted between TTL, M, and OFF(OFF is turn off the group flash). There is no need to confirm after setting, the group function group mode will be showed on the screen.
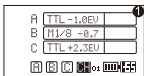
Transceiver A/B/C group button picture

TTL exposure compensation, M output power setting

After powered on, entering into the setting of TTL exposure compensation and M output power by pressing 【SET】button on the transceiver LCD screen(as shown in1), after pressing 【SET】button, the group A/B/C will blink seperatly. Pressing the A/B/C on the left or the A/B/C on the left side of the transceiver to choose the group that need set. Then, setting TTL exposure compensation or M output power by pressing "+、-" button on the screen and pressing (as shown in 2)【OK】button to finish the setting and exit.
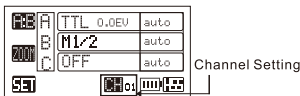
Transmitter, receiver mode setting

After powered on, by pressing the first icon 【⇄】 on the right can shift between transmitter mode and receive mode. The screen is green as it is in transmitter mode, the screen is white when it is in receive mode, SLAVE is the receive mode.

*When the transmitter is controlling the receiver, the flash mode on the receiver must be at TTL , so that can be correctly controlled by transmitter. The parameter setting of the transmitter won't be showed on the Sony speedlite, but the flash output will be in accordance with the output setting of the transmitter. If the mode of Sony flash on the receiver is M manual output, the flash output is in accordance with the M mode output of the speedlite.
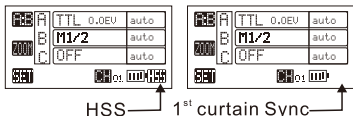
Channel Setting

After powered on, by pressing 【CH】 button on the right of the transceiver to set the working channel of the transceiver. After pressing 【CH】, then press "+、-" button on the screen to set channel. After the setting, press 【OK】 button to finish it.

Channel Setting

Flash Mode Setting

After powered on, by pressing the third flash mode button on the right, you can set HSS, 1st curtain Sync. Continously press the button you can shift directly between HSS and 1st curtain Sync. 【HSS】 is the HSS icon, 1st curtain Sync cannot show icon.

HSS —— 1st curtain Sync ——

Shutter Function

Buying Pixel's USB shutter connecting cable separately, you can use wired or wireless shutter remote control(The picture below)   .

  You have to set the lens focus function into MF and have a test shoot, otherwise it will not shoot as cannot find focal point.

  When using shutter, the shutter button is one stop switch, it will appear blurred situation when focusing.

Thank you for purchasing Pixel product and read this instruction manual. If you have any question, please contact your local dealer or visit www.pixelhk.com

This information of this instruction manual is updated to 09th May,2017. For information on the use of the product market ed after this date, please contact Pixel`s dealer for advice.

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