



King PRO

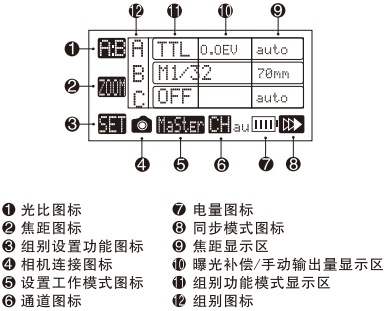
閃光燈無線TTL同步器



尼康專用 使用說明書

- ⑥ SYNC:觸發信號輸出接口，用於觸發影視燈。
- ⑦ 自定義鍵：根據界面顯示的圖標為相應的功能鍵。
- ⑧ 熱靴腳：與相機連接通信。
- ⑨ 設備工作模式鍵：設置Master(主控模式)或Slave(被控模式)。
- ⑩ 通道設置鍵：可以設置1-15個固定通道和一個自動對頻通道。
- ⑪ 同步鍵切換：前簾同步，後簾同步切換鍵。
- ⑫ 開關鍵：電源開關，ON和OFF。
- ⑬ 固定支架螺母：當收發器用作被控模式，安裝閃光燈固定時，可購買本公司專業支架配合使用。
- ⑭ 通道設置鍵：可以設置1-3個固定通道和一個對頻通道。

收發器King PRO展示圖標介紹



- ① 光比圖標
- ② 焦距圖標
- ③ 組別設置功能圖標
- ④ 相機連接圖標
- ⑤ 設置工作模式圖標
- ⑥ 通道圖標
- ⑦ 電量圖標
- ⑧ 同步模式圖標
- ⑨ 焦距顯示區
- ⑩ 曝光补偿/手动输出量显示区
- ⑪ 組別功能模式顯示區
- ⑫ 組別圖標

規格

模式: FSK2.4GHz
距離: 300米以上
通道: 收發器1個自動對頻通道和15個固定通道，接收器1個自動通道和3個固定通道
天線: 内置天線
電源: 2.2-3.3V (AAx2節)
同步: 1/8000S (根據相機和閃光燈型號不同)
快門: 支持相機控制相機單次拍攝
組別: 3個(A/B/C)
接口: USB2.0、SYNC接口
試閃: 支持
功能: 支持TTL閃光模式，手動輸出M檔模式

功能

方便簡單，智能強大

01. LCD顯示輸出，一目了然。
02. 多按鍵設置，每個功能獨立按鍵，使用方便簡單。
03. 支持更多操作系統在棧升級設備軟件，如：Windows，Mac OSX。
04. 更穩定更可靠的硬件和軟件全新升級。
05. 更遠的遙控距離，300米以上的控制距離。
06. 更多輸出模式組合，隨時可以設置每個組不同的閃光燈輸出功率。
07. 更省電的設計，而且使用了更可靠的鍍金金屬電池夾，和使用了防銹電池盒設計。
08. King PRO 使用了金屬結構設計，更牢固，堅如磐石；外界金屬安裝支架螺母，與閃光燈固定支架相同設計。
09. King PRO 使用了15個固定頻道，和一個自動對頻模式，可成千上萬套產品在一個區域使用而不受幹擾。
10. King PRO 使用兩種顏色的LED背光，更容易辨別Master(主控)或Slave(被控)工作模式。
11. 更多拓展性SYNC輸出插座，可以相機控制相機拍照，而且可以控制外拍燈和影視燈。
12. 支持按鈕控制閃光燈的焦距。

試閃/測試

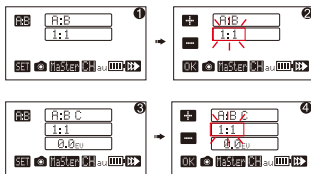
1. 檢查電源是否已打開。
2. 按設備試閃按鍵，核對收發器和接收器頻道與組別設置是否一致或連接成功，通道和組別為一致時才能試閃成功。
 - a. 收發器為主控時，按下試閃按鍵，對應有效的閃光燈閃光，包括本機的閃光燈。
 - b. 收發器為被控時，按下試閃鍵，本機的閃光燈閃光。
 - c. 接收器按下試閃鍵，本機的閃光燈試閃。

功能操作介紹

光比設置

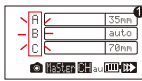
開機後，按【A:B】鍵即可進入光比設置界面。

1. A:B光比設置
通過按LCD屏【A:B】鍵一次進入A:B光比設置界面(圖1)按SET即可根據顯示界面的“+、-”鍵設置光比的輸出量(圖2)，按OK鍵後設置完成，再連續按2次【A:B】鍵退出至主屏幕。
2. A:B C光比設置
通過連續按LDC屏兩次【A:B】鍵即可進入A:B:C光比設置(圖3)，按SET後根據界面的“+、-”鍵設置光比輸出量和曝光補償設置(圖4)，按“OK”鍵進行確認。設置完成後按【A:B】鍵即可退出至主屏幕。



閃光燈焦距設置

- 1、開機後，通過按LCD屏【ZOOM】鍵進入組別焦距設置界面(圖1)，再按組別鍵A、B或C選擇要設置焦距的組別，根據界面的“+、-”鍵設置從“24mm-200mm”的焦距，auto為自動焦距，按“OK”鍵即可完成設置。



組別功能模式設置

- 1、開機後，通過按LCD屏【SET】鍵進入組別功能模式設置界面(圖1)，再按左側面的組別鍵A、B或C選擇要設置的組別。連續按選擇鍵(組別鍵)，分別為“TTL、M、OFF”模式之間進行選擇(圖2)，選擇模式後可根據界面的“+、-”鍵設置輸出量，按“OK”鍵確認并退出設置界面。



- 2、開機後，可直接按左側面組別鍵A、B或C選擇A、B或C組的功能模式，功能模式分別在TTL、M、OFF之間切換。

主控與被控設置

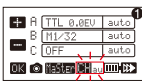
- 1、開機後，通過按設置工作模式鍵【<=>】顯示(圖1)，設置

的選項閃爍，再根據界面的“+、-”鍵選擇Master(主控模式)或Slave(被控模式)，當選擇(Master主控模式)後按“OK”鍵確認并退出設置界面。當選擇Slave被控模式後按“OK”鍵進入選擇組別被控模式，直接按界面A、B或C鍵或按組別鍵A、B或C選擇被控組別(圖2)。進入被控模式時，顯示屏顯示燈光為白色。



通道設置

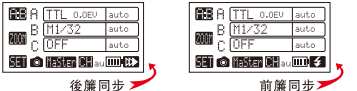
- 1、開機後，通過按通道設置鍵【<=>】顯示(圖1)，設置選項閃爍，根據界面的“+、-”鍵選擇通道，可選擇通道“CH1-CH15”15個通道和一個自動頻道，按界面“OK”鍵即可確認并退出界面。
- 2、收發器CH au，接收器Auto為自動對頻通道，對頻操作如下：
開機狀態下：
a. King PRO主控時對頻：按住組別鍵C鍵不放，打開電源開關鍵直接至畫面如(圖2)，放開組別鍵C鍵，電源指示燈藍燈快閃，設備即進入對頻狀態，如操作不當則進入正常使用界面，當與接收器對頻成功，開機後再打開即可使用。
b. King PRO被控時對頻：按住組別鍵C鍵不放，打開電源開關鍵直到畫面如出現Coding字樣(圖3)，放開組別鍵C鍵，電源指示燈藍燈快閃，如與發射器對頻成功，指示燈即為紅燈閃爍。開機後再打開即可使用，如操作不當則進入正常使用界面。
c. King X對頻：按住組別鍵C鍵的同時打開電源開關鍵，指示燈藍燈快閃即進入對頻狀態，如與發射器對頻成功，指示燈即為紅燈閃爍，開機後再打開即可使用對頻完成後的設備不受其他任何通道的幹擾，可以無限量同一產品以其使用而不受幹擾。
*對頻時先將收發器主控模式設置成對頻狀態，再設置被控或接收器(King X)的對頻模式。



- 3、King PRO使用時，相同的頻道設置才能使用。
當與King使用時，L1=CH01、L2=CH02、L3=CH03、L2+L3=CH04、L1+L2=CH05、L1+L3=CH06、L1+L2+L3=CH07
當與King X使用時，CH1=CH01、CH2=CH02、CH3=CH03、Auto=CH au

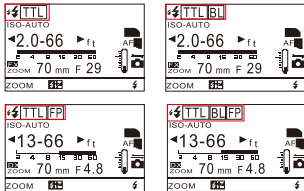
閃光模式設置

- 1、開機狀態下，按同步切換鍵可設置後簾同步、前簾同步，連續按此鍵為後簾同步與前簾同步之間切換，高速同步需在相機設置菜單設置。
- 2、開機狀態下，如需通過收發器控制接收器的閃光燈後簾、前簾同步模式，需先將相機設置為前簾同步模式。



接收器閃光燈操作注意事項：

- 1、在使用前，接收器上的閃光燈必須設置為TTL模式(如下圖)才能與收發器配合使用。如果接收器的閃光燈為其他模式，可能出現與收發器無法控制或閃光燈曝光不準確。



- 2、當收發器設置為M檔或TTL模式時，接收器的閃光燈顯示屏不會根據收發器設置的參數發生變化。但實際輸出的閃光模式是根據收發器設置的閃光模式閃光(如下圖例)



收發器設置為M檔1/32輸出

接收器閃光燈顯示屏不會發生變化

接收器的閃光燈根據接收器的設置輸出

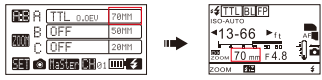


收發器設置為TTL模式

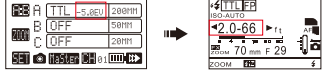
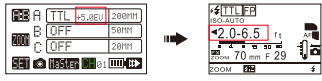
接收器閃光燈顯示屏不會發生變化

接收器的閃光燈根據接收器的設置輸出

- 3、收發器設置焦距、曝光補償時，接收器的閃光燈顯示屏與收發器設置的參數顯示一致(如下圖例)。
接收器的閃光燈焦距(ZOOM)會根據收發器設置的焦距(ZOOM)而變化：



接收器的閃光燈曝光補償會根據收發器設置的曝光補償而變化：



*以上圖例參數僅供參考。

快門功能

遙控相機拍攝

- 1、另購品色USB快門連接線，可用于有線快門控制和無線快門控制(下圖)
*須先將相機鏡頭對焦功能設置為“M”進行試拍，否則可能因找不到焦點而無法拍攝。
*使用快門時，快門按鍵為一檔開關，對焦時可能出現不明狀態



通過主控相機控制其他相機同時拍攝

與快門連接線使用時，可以相機控制相機拍攝。(下圖)

接收器



受控相機

主控相機

*由于不同相機反應時間有差異，拍攝時間可能有微小差別。部分相機未找到焦點時，即使受到拍攝信號也不會進行拍攝，應將相機鏡頭對焦模式設置為“手動”M”。
*如果使用非專用收發器，受控相機將不進行對焦動作。

感謝您購買品色公司產品并閱讀本說明書，如有任何疑問可與當地的經銷商聯繫。
或登錄http://www.pixelhk.com.cn

本說明書中的信息更新至2017年5月17號，如果要與此日期之後發布的產品組合使用。有關信息請向品色經銷商諮詢。

制 造 商: 深圳市品色科技有限公司
地 址: 深圳市龙华新区龙华人民北路美AAA大廈1411
电 话: 400-8084899
执行标准: Q/PSKJ 002-2016



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King PRO

Wireless Flash TTL Trigger

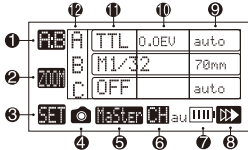


For Nikon

Instruction Manual

- 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 will off. When the transceiver is under standby condition, press the corresponding group key, you can directly set the group's function mode.
- USB Interface: Update the interface of the device, power input, shutter signal output (using shutter function need to purchase USB shutter connecting cable from Pixel).
- SYNC: Trigger signal output interface, used to trigger studio lights.
- Custom Key: According to the icon illustrated on the screen as the corresponding function key.
- Hot Shoe Foot: Connect with camera for communication.
- Device Working Mode Button: Set the device as Master or Slave.
- Channel Setting Key: Can set 1-15 fixed channels and 1 automatic channel.
- Sync Switch Key: 1st curtain sync, 2nd curtain sync switch button (Extra setting in the camera menu is needed for Hi-speed sync).
- On/Off Key: Power switch, ON and OFF.
- Mounting Bracket Nut: When transceiver is used as the slave mode and install the flash is fixed, you can buy and use in conjunction with our company's special bracket.
- Channel Setting Key: Can set 1-3 fixed channels and 1 automatic channel.

Transceiver King PRO Icon Introduction



- Light Ratio Icon
- Focus Icon
- Group Setting Function Icon
- Camera Connection Icon
- Device Operation Mode Icon
- Channel Icon
- Power Icon
- Sync Mode Display Area
- Focal Length Area
- Exposure Compensation/Manual Output Display Area
- Group Function Mode Display Area
- Group Icon

Specification

Mode:	FSK2.4GHz
Distance:	300m or Above
Channel:	Transceiver - 1 Auto Channel and 15 Fixed Channels Receiver - 1 Auto Channel and 3 Fixed Channels.
Antenna:	Internal Antenna
Power Supply:	2.2-3.3V (AA x 2)
Sync Speed:	1/8000s (According to Different Models of Camera and Flash)
Shutter:	Support Camera Control Camera Single Shooting
Group:	3 Groups (A/B/C)
Interface:	USB2.0, SYNC Interface
Flash Test:	Support
Function:	Support EOS's E-TTL II Flash Mode, Manual Output M Mode

Function

- #### Easy and Convenient, Smart and Powerful
- LCD Display Output at a glance.
 - Multi-keys Settings. Each feature has individual buttons, simple and easy to use.
 - Support more operation system to upgrade device firmware online, such as Windows, Mac OSX.
 - More stable and reliable hardware and software for the new
 - Farther remote distance, control distance of above 300m.
 - More output mode combinations, you can always set each group to different flash output ratio.

- More energy-saving design, and the use of more reliable gold-plated metal battery clip as well as anti-lost battery compartment cover design.
- King Pro uses a full metal structure design, more solid, hard as stone chime; external metal mounting bracket nuts, same as the design of flash bracket.
- King Pro uses 15 fixed channels and 1 automatic channel mode, allow thousand sets of products to be used in the same area without interference.
- King Pro uses two-color LED backlight, more easy to distinguish Master or Slave Mode.
- More scalability SYNC output socket, camera can control camera shooting. Also, can control outdoor lights and studio lights.
- Support group to control the focal length of the flash.

Test flash

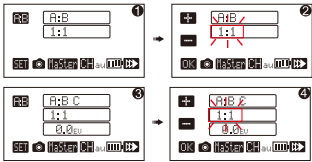
- Check that the power is turned on.
- Press the test flash button, check the transceiver and receiver are set to the same channel and group or if the connection is successful. You can only successfully test the flash when the channel and group are consistent.
 - When transceiver is the master, press the test flash button, it corresponds the valid flash to flash, including the flash of this device.
 - When transceiver is the slave, press the test flash button, the flash of this device flashes.
 - When you press the test flash test button of the receiver, the flash of this device will test flash.

Operation Introduction

Light ratio setting

After turned on, press [A: B] button to enter into light ratio setting screen.
1. A: B light ratio setting
Through pressing [A: B] button on LCD panel once, immediately enter A:B light ratio setting screen (as show in 1), press SET immediately can base on the "+, -" button on the screen to set up the output of the light ratio (as shown in 2), press "OK" to finish setting. Press again [A:B] key twice continuously, exit to main panel.

- A: B C light ratio setting
Through continuously pressing [A:B] button on LCD panel twice, immediately enter A:B C light ratio setting screen (as shown in 3), press SET immediately can base on the "+, -" button on the screen to set up the output of the light ratio and exposure compensation (as shown in 4), press "OK" button to confirm. After finish setting, press [A:B] button, you can immediately exit to main panel.



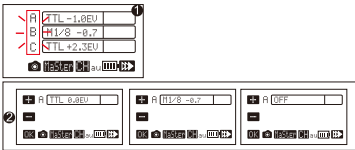
Flash focal length setting

- After turned on, through pressing [ZOOM] button on LCD panel to enter group focal length setting screen (as shown in 1), press again Group A, B or C button to choose the group you need to set the focal length. According to the "+, -" button on the screen to set the focal length from "24mm - 200mm", auto is auto focus, press "OK" key to finish setting.



Group function mode setting

- After turned on, through pressing [SET] button on LCD panel to enter group function mode setting screen (as shown in 1), press again the left side Group A, B or C button to choose the group you need to set up. Continuously press the select key (group key) to switch between "TTL, M, OFF" mode (as shown in 2). After choosing mode, you can base on "+, -" button on the screen to select output, press "OK" key to confirm and exit the setting panel.



- After turned on, you can directly press group A, B or C button to choose the function mode of A, B or C and switch between TTL, M and OFF.

Master and slave setting

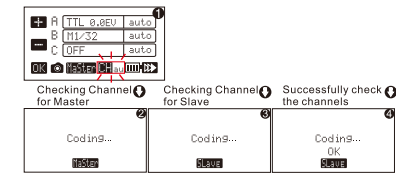
- After turned on, through pressing function mode [] to set (as shown in 1), the set option flashes, base on "+, -" button on the screen to choose Master or Slave. After choosing Master mode, press "OK" key to confirm and exit the setting panel. After choosing Slave mode, press "OK" key to enter group slave mode, directly press A, B or C key on the screen or press Group A, B or C button to choose slave group (as shown in 2). When you are in slave mode, the light shown on the panel is white.



Channel setting

- After turned on, through pressing the channel setting button[] (as shown in 1), the set option flashes, base on "+, -" button on the screen to choose channel. You can choose channel "CH1-CH15" for 15 channels and auto automatic channel, press "OK" button on the screen to confirm and exit.
- CH au of transmitter and Auto of receiver are automatic channels, its operation is as follows: when the device is under off condition: a. KingPRO channel setting when under Master mode: Hold down the Group C key and switch on the power key until the screen turns as shown in Figure 2. Release the Group C key, the power indicator shows blue light blinks, the device immediately enters into the checking condition. If it is in improper operation, it will enter into the normal user screen. After finish all receivers channel matching, turn off and you can use after re-open it.

- KingPRO channel setting when under Slave mode: Hold down the Group C key and switch on the power key until the screen has the word Coding as shown in Figure 3, then release Group C key, the power indicator shows blue light blinks. If channel matching is successful with the transceiver, the screen shows "OK" and indicator shows red light blinks. Turn it off and you can use after re-open it. If it is in improper operation, it will enter into the operating mode.
- KingX channel setting: Hold down Group C key and switch on the power switch at the same time. The indicator shows blue light blinks will immediately enter into checking condition. If channel matching is successful with the transceiver, the indicator shows red light blinks. Turn it off and you can use it after re-open it. After finish the channel matching, the device will not be interfered by any other channels, the same product can be used with an unlimited quantity without interruption.

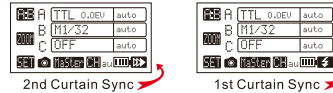


- When checking channel, please set the channel status for the master mode of the transceiver first, and then set the slave mode or the receiver (King X).

Flash Mode Setting

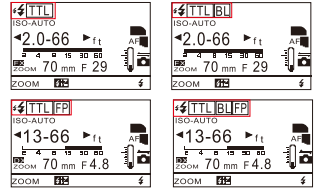
- After turned on, through pressing the switch button of the LCD frequency sync mode to enter between high-speed sync, 1 st curtain sync and 2nd curtain sync (continuously press this button) High-speed sync should be set in the camera menu.
- After turned on, if you need to control the receiver flash's as 1st

curtain sync or 2nd curtain sync mode by transceiver, please set the camera into 1st curtain sync mode first.

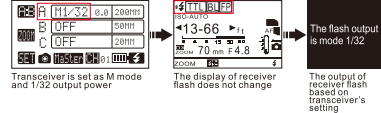


operation Notice For Receiver Flash

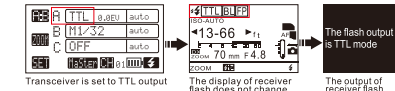
- Before using, the flash on the receiver must be set to TTL mode (as shown below) in order to work with the transceiver. If you set receiver flash to another mode, the transceiver may be unable to control or flash exposure is not accurate.



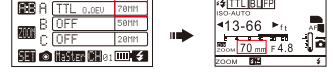
- When the transceiver is set to M mode or TTL mode, the display of receiver flash will not change according to the transceiver's pre-set parameter. And the actual output of the flash mode is to set to flash according to the pre-set flash mode of transceiver (as below).



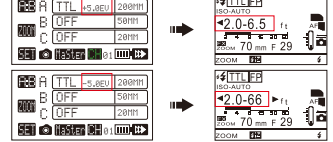
Transceiver is set to M mode and 1/32 output power. The display of receiver flash does not change. The output of receiver flash based on transceiver's setting.



- When setting focal length and exposure compensation of the transceiver, the display of receiver flash shows consistent with the transceiver's pre-set parameter (as below). Receiver's flash focal length (ZOOM) changes depend on the transceiver's pre-set focal length (ZOOM).



Receiver's flash's exposure compensation changes depend on the transceiver's pre-set exposure compensation



* The above figure is only for your reference.

Shutter function

Remote camera shooting

- Separately buy pixel's USB shutter connecting cable, you can use wired or wireless shutter remote control (as shown below).
- You must set the focus function of the camera lens to test shooting. Otherwise, your ICHD might not shoot as you cannot find the focus point.
- When using the shutter release; as the shutter button is 1 step, the focus mode might not very clear.



Through Master Camera to Control Other Cameras to Shoot Simultaneously.

When you use with the shutter connecting cable, you can use camera to control camera to shoot (as below).

Receiver Transceiver



Slave Camera

Master Camera

- Since the response time of different cameras differs, shooting time may have small differences.
- When some cameras cannot find the focus point, though receive the shooting signal, it may not shoot. Please set the focus mode of your camera lens to manual "M".
- If you are using non-dedicated transceiver, then slave camera cannot focus.

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

This information of this instruction manual is updated as of May 17, 2017. For information on the use of the combination of product marketed after this date, please contract Pixel's dealer for advice.



Name of each part

King PRO Transceiver



King X Receiver



- Hot Shoe: Connect with flash for communication. This connect flash function is not controlled by the transceiver, flash output function set on the flash directly.
- Light Indicator: Blue light blinks indicates normal communication with camera. Red light blinks indicates sending of flash signal.
- 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.