Infra-Red Flash Booster

Model: IRX-810

Dual Trigger Flash

(VER.20140812)

Product Description

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Thank you for purchasing the WildSpot Flash product. This WildSpot Flash IRX-810 infrared flash booster can help to enhance the quality of photos and videos from a night vision hunting camera or CCTV system by increasing the IR light illumination. It is compatible with any brands of general IR game camera under the default MASTER setting and used with the attached gooseneck IR sensor. Another attached cable is used for a connection directly between this booster and the scouting camera which is already equipped with an Ext-Booster port. Also it does support more IR extenders with a same cable, there are up to 4 sets of boosters available to be extended in a chain connection for getting up to 4 times of illumination as you need. A rotary mounting is flexible for placing it on anywhere to adjust a desired direction from it's original view point. It will stand by all nights and only consumes a very low power. Therefore, a pair of good quality Alkaline batteries will remain the booster to work for more than two months in the field for taking more than a few thousand images under normal conditions.

Kit List

This package kit is including the accessory parts as below:

1. **Main unit x1 pc**
2. **Gooseeneck IR sensor x1 pc (For IR sensing trigger)**
3. **Extension Cable x1 pc (For Direct trigger)**
4. **Belt x1 pc**

Preparation

The power is required 2 pcs good quality D cell Alkaline batteries for the best result. After installing batteries into the compartment according to the polarity mold on the cabinet, push the Bat-Check button once and see if an instant RED-GLOW will be viewed in a dark place in order to prove the booster is working correctly.

Release the stopper from a port on the lower portion of unit and plug the cable of the gooseneck IR sensor into the IR-IN port. This master unit was set with a factory default for the trigger source from IR sensor. The other IR-OUT port is reserved for another IR slave Booster extension. See Fig. 1

After installation procedures, do not forget to check if the door is closed completely and the other rest port is still remaining covered by a stopper before left.

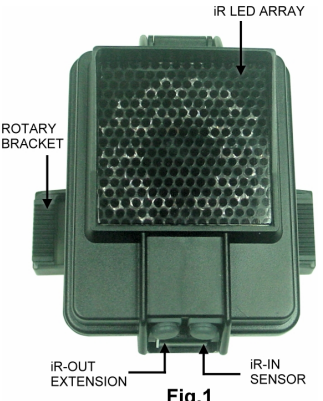

Fig.1

Connection for Difference Devices

1. Work with a General IR Camera:

Since above installation is done, no more adjusting will be required. With the default setting (Internal Jumper is set for MASTER, the snap stand of gooseneck IR sensor must be required snapping on the camera case and the IR sensor head always face and be very closed to the IR light source of camera. It will always work with your general IR scouting camera or CCTV system synchronously at night time.

2. Work with a WildSpy IR Camera or any Device equipped with an output for IR triggering

If you are using any WildSpy Cam Night Vision models, or in some cases, you might already have a device equipped with an output for triggering other IR booster. This booster can be able to connect to the trigger source directly with an attached cable. You can use the extension cable to connect the booster and the end is plugged to the IR-OUT port of the IR device. You have to refer the instruction manual of your IR device to sure the TRIGGER source pin for the cable plug center to be POSITIVE. Also, the input level from the source is between 3~6V. If the connection is correct, booster will work with your IR device synchronously. **In this case, the gooseneck adaptor will not be required for installation. Before connection, the booster will be required to change the trigger source for the SLAVE / CABLE firstly. You have to open the inner panel by loosing 3 screws**

Fig.2

and will see the Option Jumper inside the panel. See Fig.2 . Then resume the inner panel and proceed the proper connection with the attached cable. One plug is inserted to the IR-IN port on booster and the other plug is inserted into the IR-EXT port on camera or other device.

3. Work with More IR Extenders

In case you expect to have much illumination in order to get extreme best quality images or videos, you can connect a chain of boosters up to 4 sets as in-needed. For the Master booster (the 1st booster), there is no need to change the default setting except you are using a direct connection as above item 2. For other slave extenders, all of them are required to setup for SLAVE. Open the inner panel by loosing 3 screws and change the jumper for the trigger source to SLAVE/CABLE (Pins 2-3). See Fig.2 .Then use the attached cable to plug one end to the IR-IN port on the slave and other end to the IR-OUT of the Master. In a chain connection, the previous unit is called Master and the next is called as Slave.

Self-Test before Working

Place a booster or more and camera with transmitter in your target spot. Set the PW Switch on the Booster to TEST mode and open the transmitter cover firstly, then press the TEST button on the transmitter Fig.6. You will see both the TRANSMIT Indicator on transmitter and the Self (Distant)-Test Light on booster will be ON at the same time. If Self-TEST indicator on one of booster is OFF or always blinking, it means this booster may be set too far away from the transmitter and recommended to move back to the camera closely. If there is no any response even they are already near by, you have to check the Power SW is slide to TEST and Battery installation as well as the code setting. Also, you must be sure the WORK GROUP switch on both transmitter and booster with the exactly same setting.

Mounting

Since above installation is done, no more adjusting will be required. You can mount it on a tree with the attached belt as the installation method shown as the right. And then adjust a desired angle along with the scouting camera lens direction.

Power Status / Battery Replacement

The average battery life will be depend on some factors such as a good quality battery; usage times of the booster working for camera under video or picture mode at night as well as if the system is working in a cold climate. But any ways it will stay in the field to work for a few months without problem. If you notice all RED IR Light do not light up and the BAT-LOW LED which on the lower center of the window also is OFF while you push the Bat-Low button, that means the status of battery is at low condition. You can consider to replace a new set of battery soonest. In a cold season, it is always recommended to fill in with new batteries at the beginning of trail game.

Trouble Shooting

1. **There is no Red Glow viewed when pushing the Bat-Check button: Need to check the polarity of battery to be put in correctly. Then check either one battery might be very poor or dead**

2. **Seems not too much help even this booster is used: Investigate if a current angle might not the same as the camera lens. You have to test in difference angle for the best result. Of course you need to prove the batteries are not poor before you try to do further testing.**

3. **I could see RED Glow from my IR camera at night, but the booster did not work: At the first, press the BAT-CHECK to prove your booster is working fine. Then, check the IR sensor if it is plugged into the IR-IN port. If it was ever the slave booster before, you need to check if the trigger source option is resumed to the default for Sensor mode.**

4. **I bought two same boosters and both did not work properly: Be sure the 1st booster must be remain the default with IR Sensor source setting, the second booster will be changed for Cable setting.**

5. **I noticed some of Slave will be always switched ON even camera did not work: Double check for the trigger source option, improper connection in a chain will cause such problem.**

Important Note: Please consult your dealer if you have any technical questions or problem while you use the product before you would send back the unit for repairing