OPERATING INSTRUCTIONS

QNEXUS

Qflash Decoder
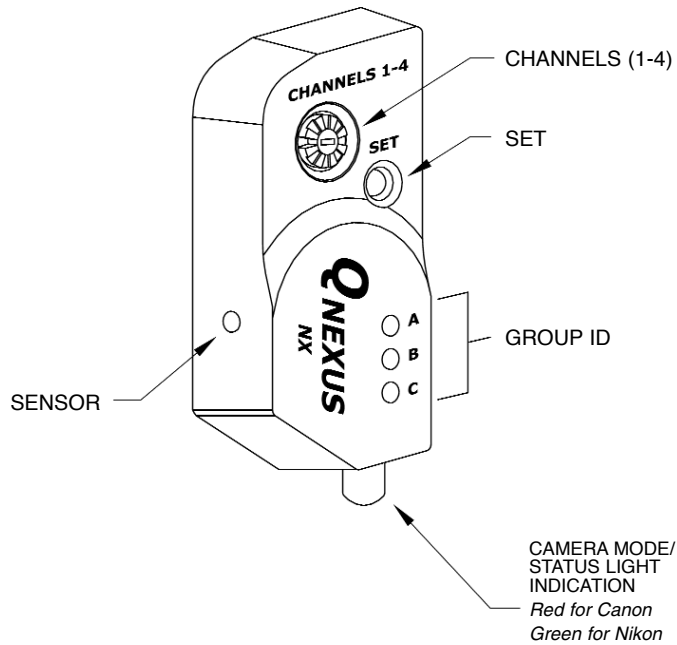## for Camera
Wireless Flash Systems

QUANTUM

★ DESIGNED AND MANUFACTURED IN THE USA ★

Patent Pending

1.0 Introduction

Qnexus integrates a Qflash series 5d-R into a Nikon or Canon wireless (IR) flash system. When connected to a Qflash 5d-R, Qnexus receives wireless commands from a Nikon or Canon on-camera "master" flash. Qflash then becomes a remote flash controlled by the master. Use your camera's wireless flash control and enhance your lighting capabilities with the professional quality and power of Qflash.

CHANNELS (1-4)

SET

GROUP ID

SENSOR

CAMERA MODE/
STATUS LIGHT
INDICATION
Red for Canon
Green for Nikon

Important
Please read thoroughly the instructions for the Master Flash wireless
operation. All Qflash modes will be set by the Master Flash
(Nikon or Canon) on the camera, according to that system's procedures.
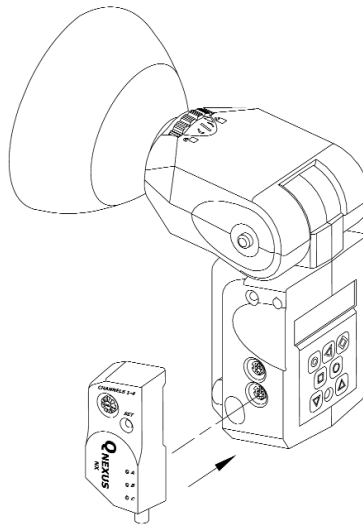
2.0 Mounting QNEXUS

Turn off power to Qflash before mounting Qnexus.

Qnexus plugs into the lower Accessory socket of Qflash, as shown in the diagram. For added stability, a hook and loop pad is mounted on the back of Qnexus. One part of this pad will be attached to the Qflash housing by the method below.

Before removing the protective liner to expose the adhesive, align the Qnexus with the lower accessory socket of the Qflash. Note where the hook and loop pad will make contact with the body of the Qflash. Clean the area of any dirt or grease. Remove the adhesive liner from the pad (without touching the adhesive), align and press the Qnexus firmly against the Qflash so that the hook and loop pad adheres to the Qflash housing. **Do not remove the Qnexus from the Qflash for 24 hours to allow the adhesive to cure.**

After 24 hours you can remove and re-mount Qnexus as needed. Additional hook and loop pads are included with Qnexus. They can be used to place additional pads on other Qflash units, or as a replacement.

3.0 QNEXUS Setup

3.1 Connect Qnexus to Qflash 5d-R
When Qnexus is connected to Qflash and powered up, the Qflash display will be set to TTL mode. Changing this mode on Qflash will have no effect. Instead, control the Qflash mode and settings through the master flash on the camera.

3.2 Camera Status light
The Camera Status light provides a visual indication that Qnexus and Qflash are operating properly with your Speedlight system.

> **Blinks slowly:** This indicates the unit is ON and which system has been set: RED for Canon or GREEN for Nikon.

> **Blinks fast 8 times:** Flash fired successfully.

> **Lights up solid for 3 seconds:** Communication error. See Section 4.2.

3.3 Selecting the Camera system
Qnexus works with either Canon or Nikon Wireless flash (IR) systems. The color of the Camera Status Light indicates which system the Qnexus is currently set to work with: RED for Canon or GREEN for Nikon.

To change the camera mode:
Press and hold the "Set" button until the LED color changes, then release the button. Example: If you want to change the camera mode from Nikon (green) to Canon (red), press and hold the "Set" button until the LED lights up green (about 3 secs.). Keep pressing "Set" button until the LED color changes to RED, then release button. Now the Qnexus is in Canon mode. If you release the "Set" button before the LED color changes, the camera mode does not change and remains set to Nikon.

3.4 Set the System Channel
Set the channel, using the rotary switch on the Qnexus, to the same channel as the master flash. Only channels 1 to 4 can be used. The other numbers are not valid.

3.5 Selecting the Remote Group ID
Using the " Set" button select group A, B or C. Press the "Set" button until the yellow LED changes to the next group ID. Repeat until you reach the desired group ID. (Note that after changing the camera system the default group ID is A - you may need to re-select the group.)

You can have more than one Qnexus / Qflash combination set to the same group and system channel.
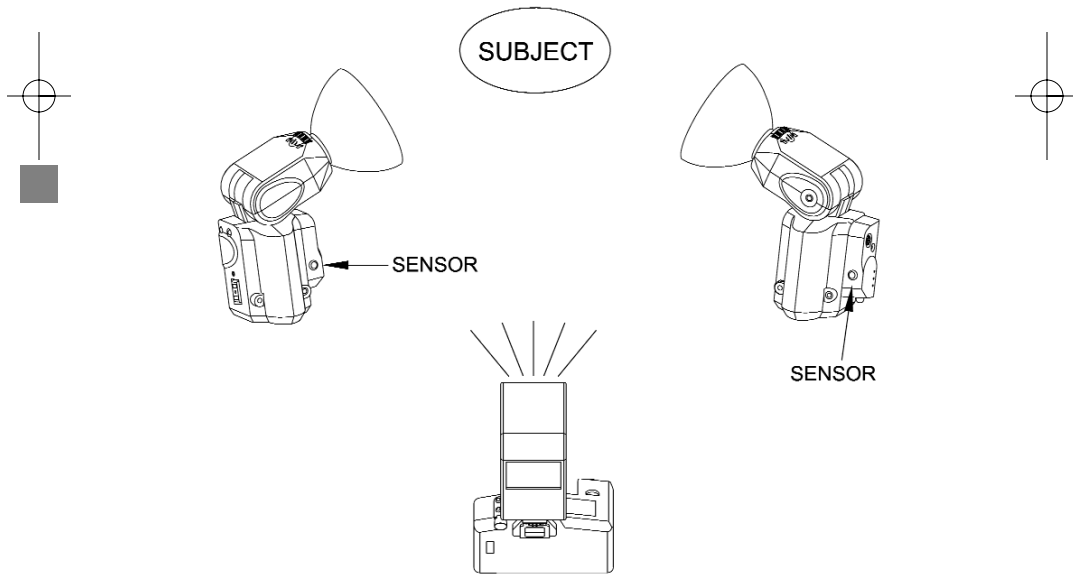
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4.0 Location and Operation

4.1 Location of the flash

The communication between master flash and remote flash is by infra-red light (IR). The location between master flash and remote flash is critical to establishing good communication. Make sure there is a good light path between master flash and remote flash.

Indoor Use: In small rooms, bounce light is often enough to send signals from the master flash to Qnexus and Qflash. A test flash from the master flash to all remote flashes will prove this. In larger indoor spaces, such as reception halls, churches, or arenas, direct line-of-sight between master flash and remotes will be necessary as is usual for infra-red wireless systems. See Outdoor Use below for tips.

Outdoor Use: Aim the sensor of Qnexus directly towards the master flash. The diagrams below show how to rotate the Qflash lower body and head to achieve line-of-sight orientation to the master flash.
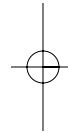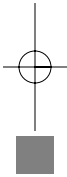
SUBJECT

SENSOR

SENSOR

4.2   Operating

After selecting the camera mode, channel, and group on Qnexus, Qflash becomes a remote flash controlled by either the Nikon or Canon wireless flash system. The operating mode of Qflash 5d-R will be set wirelessly by the master flash, just as when using Canon or Nikon flashes as remotes. See the instruction manuals of the master flash (Nikon SB-800, Canon 580EX etc) for detailed operation of the wireless flash systems.

If Qflash fires successfully the Green/Red LED on Qnexus will blink 8 times. If the Green/Red LED lights up solidly for approximately 3 sec after the master flash is fired, there is a communication error in the flash system. Make sure the master flash "ready" signal is on before firing the master flash. If the master flash is fired rapidly before its ready indicator is on, it will cause communication errors between the master and remote flash.
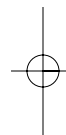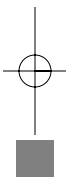
5.0 Compatibility Chart

Qnexus does not support high-speed sync and stroboscopic flash function in Nikon and Canon systems. Some master flashes do not support all modes or groups, as shown in the chart below.

Master Flash	Mode	Channel	Group
Nikon			
SU-800	iTTL, Man	1 - 4	A, B
SB-800	iTTL, Auto, Man	1 - 4	A, B, C
D70 (build in Speedlight) See D70 Custom Setting 19	iTTL, Auto, Man	3	A
D200 (build in Speedlight) See D200 Custom Setting e3	iTTL, Auto, Man	1 - 4	A, B
Canon			
ST-E2	ETTL	1 - 4	A, B
550EX	ETTL, Man	1 - 4	A, B, C
580EX	ETTL, Man	1 - 4	A, B, C

Note: To upgrade Qflash 4d or Qflash 5d to Qflash 5d-R: please call 631-656-7400 or visit www.qtm.com for the latest upgrade information.

For Customer Service, technical help, or information:

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