Instructions

FreeXwire model FW7Q

Remote Operation/Digital Wireless TTL for Qflash 4d/5d

Quantum Instruments Inc.

FreeXwire model FW7Q is a dedicated receiver for Qflash models T4d, X4d, T5d, and X5d. It is compatible with FreeXwire Transmitter FW9T and Transceiver FW10 and provides remote operation and digital wireless TTL for Qflash series 4d/5d

1. Mounting FreeXwire FW7Q

   Turn off Qflash power before mounting the FW7Q.
   FW7Q plugs into the lower Accessory socket of Qflash, as shown in the diagram.

   [diagram 1]

   For added stability a hook-and- loop pad is mounted on the back of Receiver FW7Q. One part of this pad will be attached to the Qflash housing as follows:

   Note where the hook and loop pad will come into contact with the Qflash housing when FW7Q is plugged into the lower Accessory socket. Clean the area of any dirt or grease. Remove the adhesive liner from the pad (without touching the adhesive), and align and mount FW7Q. Then press the FW7Q housing firmly against Qflash so that the hook and loop pad adheres to the Qflash housing.

   You can now remove and re-mount FW7Q when you need to use it. Additional hook and loop pads are included with FW7Q. They can be used to place additional pads on other Qflash units, or as a replacement.

2. Powering FW7Q

   Qflash series 4d/5d powers the FreeXwire FW7Q. When Qflash is powered, the green LED indicator on the FW7Q should blink once per second.

3. Setting the Channel Code

   The Channel Codes allow FreeXwire's to work together. Set the same Channel Code as your transmitter unit FW8 or FW10 (FW10 should be set as TX).

   Rotate the dial to the desired Code, 0 through 7. To rotate, press the pad of your thumb on the dial and turn. Or, use a small screwdriver. Channels can be matched by number or by the position of the cutout in the Channel dial.

4. Setting the Zone Code

The FreeXwire FW7Q has no Zone Code Switch. When used with a Qflash 4d, FW7Q will activate for any Zone 1, 2, 3, or 4, on the matching Channel. However, Qflash 5d can set the Zone Code of FW7Q through its control panel. (Note: Qflash 4d models can be upgraded to Qflash 5d models. Please contact the Service Department @ Quantum).

To set the Zone on a Qflash 5d, press the Option button three times. The Zone Code settings should display on Qflash screen. Use the Set button select a Zone, then press the Up ▲ and Down ▼ buttons to turn the selected Zone on or off.

5. Qflash T4 Remote Control Operation

The Remote mode allows a "Control" Qflash to remotely set the functions of "Remote" Qflash units linked by the FreeXwire system. A full explanation of the Wireless Control mode appears in the Qflash manual under Multiple Qflash Operation - Wireless Mode.

Set Qflash 4d/5d to Remote Mode by pressing the Mode button. You can select to set Qflash as Remote 1 or Remote 2. If you have two remote units, set one unit for Remote 1 and the other unit for Remote 2. Now the "Control" Qflash (which is connected to an FW9T or FW10) controls the operating mode and settings of Remote unit(s). See Qflash instructions for details.

6. Digital Wireless TTL Operation

Set Qflash 5d to Remote Mode as describe in Section 5. The Remote unit will receive digital wireless TTL signal from Control unit. No further setting is required. This mode is compatible with digital camera pre-flash TTL, as well as film camera TTL exposure control.

Qflash 4d units need to be upgraded to Qflash 5d models for this function.

7. Range selection

The range of FW7Q receiver is set to NORMAL by default which provides a range up to 200' (70m). This setting is recommended for general needs and for digital wireless. If the operation range is more than 200' (usually for wireless shutter, up to 500'), set RANGE to HI. This can be set via the Qflash 5d "Options". If using a Qflash 4d, the range setting will be NORMAL only.

8. Specifications

Size:	3 X 1.5 X 1 in (8 x 3.5 x 2.5 cm)
Weight:	1.3 oz (37g)
Maximum Range:	varies with local conditions – up to 400' (120m) with FW10 or up to 500'(150m) with FW9
Maximum flash rate:	25fps

Maximum sync delay from camera trigger to remote flash:	1/2000 sec
Maximum camera Shutter speeds:	Leaf shutters: 1/500 Focal plane shutter: 1/250

[logo] FCC Tested to comply with FCC standards

CANADA: FCC ID: CEXFW7Q
FreeXwire model FW7Q
This device complies with Part 15 of the FCC Rules and with RSS-210 of Industry & Science Canada. Operation is subject to the following conditions: 1) this device may not cause harmful interference, and 2) this device must accept any interference received including that which may cause undesired operation of the device.

IMPORTANT - CAUTION
Changes or modifications to this equipment could void your authority to use this product under the equipment authorization granted by the regulating agencies.

[logo]
Declaration of Conformity: Quantum Instruments, Inc. declares that FreeWire FW10 satisfies all the technical regulations applicable to the product within the scope of Council Directive 1999/5/EC.

For Customer Service, technical help, or information:

Quantum Instruments Inc
1075 Stewart Ave. Garden City NY 11530 USA

PH: 1-516-222-6000 FAX: 1-516-222-0569
Web: www.qtm.com Email: QuantRep@qtm.com