

Precautions

- Do not use the unit if it has been in contact with moisture or flammable vapor, or appears to be damaged.
- Never attempt to service the unit yourself.
- When the battery power is running very low the unit will trigger irregularly or continuously, and the light indicator on the transmitter may dim. Also, the range effectiveness of the trigger kit may decrease.
- Since the transmitter uses Radio Frequency to transmit signals, wireless networks, cell phone towers, & cordless phone systems may affect the operating range.
- Keep out of reach of children.
- Do not expose the unit to high temperatures.



Manual- Radio Flash Trigger AC-616

OPERATING INSTRUCTIONS



Features

The wireless radio slave flash trigger allows an electronic flash unit to be wirelessly triggered from a camera up to 20 yards away. The transmitter can be triggered manually or by the camera, either using the hot shoe or a PC cord.

Included in the kit

- 1 Transmitter (Tx) (with battery installed)
- 1 Receiver (Rx)
- 1 Auxiliary PC Cord
- 1 Mono Plug to Mini-plug Adapter

Specifications

Power Source Tx	23A – 12V mini-battery
Power Source Rx	AC 220V/AC 110V 50/60Hz
Operating Distance	Up to 20 yards (21m)
Very Low Power consumption...	Approx. 20,000 triggers from one set of batteries
Synch Speed	1/500 sec
Camera to Tx current	0.01mA
Working Frequency	433MHz
Hot Shoe Attachment for Tx	
Synch jack socket in Tx	
Synch Lead from Rx	

Installing/Changing Batteries

- The transmitter comes with a 23A-12V battery installed. To replace the battery, use a small Phillips head screwdriver to remove the retaining screw and separate the top and bottom covers. Replace with a 23A-12V battery. The Negative (-) contact goes against the spring terminal. Replace the cover and gently screw back together. Be careful not to over-tighten.



TRANSMITTER

Setting the DIP Switches

- The DIP switches on both the transmitter and receiver should be adjusted to the same position. Number of channels selectable will vary on whether you purchased the 2-, 4- or 16- channel unit. The adjustment to different channels will allow this device to be used in the same area as other transmitters.

Using the Remote Trigger Transmitter

- Install the transmitter on the camera accessory shoe. If your camera has a "hot" shoe, no cord is needed. Set the proper synch speed on your camera.
- If your camera does not have a "hot" shoe, use the PC cord to attach the transmitter to your camera.

Simply insert the PC cord into the side of the transmitter, and the other end into the PC synch outlet on your camera.



Receiver

- Plug the mono plug into the synch outlet on the back of the flash unit. This is the outlet where you would normally plug in your synch cord.



- If your flash unit uses a 3.5 mini-plug, insert the mono-plug to mini plug adapter onto the cord and then plug into the synch outlet on the back of the flash. The flash is now ready to be powered on.
- With the transmitter mounted on the camera and the receiver plugged into the flash unit and turned on, the wireless trigger will activate your flash with each exposure you make.
- Test button. If you want to test the flash without taking an exposure, push the test button on the transmitter.

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- Test button. If you want to test the flash without taking an exposure, push the test button on the transmitter.

Deactivating the Unit

- To turn off the power on the receiver, push the on/off switch to the off position. There is no on/off power switch on the transmitter.
- If the unit will not be used for some time, remove the batteries.

Precautions

- Do not use the unit if it has been in contact with moisture or flammable vapor, or appears to be damaged.
- Never attempt to service the unit yourself.
- Remove batteries from the wireless trigger kit if it will not be used for a while.
- When the battery power is running very low the unit will trigger irregularly or continuously, and the light indicator on the transmitter may dim. Also, the range effectiveness of the trigger kit may decrease.
- Since the transmitter uses Radio Frequency to transmit signals, wireless networks, cell phone towers, & cordless phone systems may affect the operating range.
- Keep out of reach of children.
- Do not expose the unit to high temperatures.



Manual- Radio Flash Trigger DC-616

OPERATING INSTRUCTIONS



Features

The wireless radio slave flash trigger allows an electronic flash unit to be wirelessly triggered from a camera up to 20 yards away. The transmitter can be triggered manually or by the camera, either using the hot shoe or a PC cord.

Included in the kit

- 1 Transmitter (Tx) (with battery installed)
- 1 Receiver (Rx) (2 "AAA" batteries not included)
- 1 Auxiliary PC Cord
- 1 Mono Plug to Mini-plug Adapter

Specifications

Power Source Tx	23A – 12V mini-battery
Power Source Rx	2 x AAA Batteries
Operating Distance	Up to 20 yards (21m)
Very Low Power consumption...	Approx. 20,000 triggers from one set of batteries
Synch Speed	1/500 sec
Camera to Tx current	0.01mA
Working Frequency	433MHz
Hot Shoe Attachment for Tx	
Synch jack socket in Tx	
Synch Lead from Rx	

Installing/Changing Batteries

- The transmitter comes with a 23A-12V battery installed. To replace the battery, use a small Phillips head screwdriver to remove the retaining screw and separate the top and bottom covers. Replace with a 23A-12V battery. The Negative (-) contact goes against the spring terminal. Replace the cover and gently screw back together. Be careful not to over-tighten.
- The receiver uses 2 "AAA" batteries. To install/change the batteries, first ensure the receiver is powered off. Push aside the end cap on the receiver and insert/change the batteries as per the diagram on the side of the unit.



TRANSMITTER

RECEIVER

Setting the DIP Switches

- The DIP switches on both the transmitter and receiver should be adjusted to the same position. Number of channels selectable will vary on whether you purchased the 2-, 4- or 16- channel unit. The adjustment to different channels will allow this device to be used in the same area as other transmitters.

Using the Remote Trigger Transmitter

- Install the transmitter on the camera accessory shoe. If your camera has a "hot" shoe, no cord is needed. Set the proper synch speed on your camera.
- If your camera does not have a "hot" shoe, use the PC cord to attach the transmitter to your camera.

Simply insert the PC cord into the side of the transmitter, and the other end into the PC synch outlet on your camera.



Test Button

Receiver

- Plug the mono plug into the synch outlet on the back of the flash unit. This is the outlet where you would normally plug in your synch cord.
- Turn on the power for the receiver.
- If your flash unit uses a 3.5 mini-plug, insert the mono-plug to mini plug adapter onto the cord and then plug into the synch outlet on the back of the flash. The flash is now ready to be powered on.
- You can also use this with smaller flash units which do not have either a mono plug or mini plug sync assuming they have a standard PC cord. Plug the flash unit's PC cord into the PC outlet on the back of the receiver.



Receiver shown with PC cord attached

FCC Information and Copyright

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

15.19 Labelling requirements.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.