How to Use the Sync Radio Receiver

Connecting Antenna

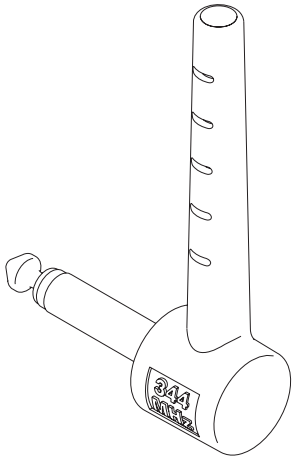
To use the optional built-in sync radio receiver the antenna first has to be connected. When inserting the antenna to the generator socket, insert it straight into the socket and push the plug all the way in. When the antenna is connected the built-in photocell will be disabled.

Radio Receiver

The optional built-in sync radio receiver is available in 315 Mhz (Japan), 344 MHz (USA) and 433 MHz (Europe). They are compatible with all PocketWizard Transmitters and Transceivers working on the same frequency! The Radio module built-into the generator is a learning PocketWizard Receiver with 32 channels.

NOTICE *Please make sure to use the frequency allowed in your country.*

The radio receiver has a learning function which means that during 30 seconds from power on, it will try to detect a trigger signal on any of the 32 channels. If a trigger signal is detected, the radio receiver will lock to that channel. If no trigger is detected, the radio receiver will default to the previously used channel. Actual photo shooting with radio should not be performed during the 30 second learn period since the result may be unpredictable due to the channel learning process. It can also learn multiple zones on the Quad-Triggering channels, 17 through 32. This provides the photographer with the convenience to activate or deactivate the flash unit(s) wirelessly in four separately controllable zones (ABCD) without leaving the camera position.



To teach the generator a receive Channel and Zone* follow these steps:

- Select the desired channel and zone on a PocketWizard (Transmitter or transceiver).
- Power off the generator and wait 5 seconds.
- Power on the generator.
- Within 30 seconds, press and hold the PocketWizard Transmitter TEST button (up to 4 seconds) until flash triggers. If using a Sekonic meter with radio module as a transmitter, press the measure button repeatedly within the 30 second learning period until the flash triggers.

Example:

The teaching Transmitter is set to channel 17 with zones A, B, and C selected. If the generator is taught this combination it will trigger from any Transmitter set to channel 17 with zones A, B, or C selected. It will not trigger if only zone D is selected on the Transmitter. It will trigger if zones A and D are selected.

To teach the generator to trigger in only one zone make sure the teaching Transmitter >

has only one zone selected. Be aware that while teaching a channel, other PocketWizard transmitters should refrain from triggering to prevent the receiver locking to the incorrect channel. While this is highly unlikely, (1 in 32 chance, and only during the 30 second learning period) it is still possible. The generator radio receiver is always in operation while the generator is powered on. It is possible to use the photo slave or a sync cord in addition to radio triggering.

For best radio operation do the following:

- Keep power, sync, and lamp head cords away from the antenna.
- Maintain line of sight between the Transmitter and generator whenever possible.
- When hiding the generator from view try to not hide it behind or against metal or water filled objects as this affects radio range.
- Keep the Transmitter's antenna parallel with the generator antenna.

NOTICE

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 technician for help.

For more information, visit www.profoto.com

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