



Quick Guide

FlexTT5 for Panasonic

340.00 – 354.00 MHz, US FCC/IC

433.42 – 434.42 MHz, CE

This PocketWizard radio runs on powerful software called ControlTL[®]. It is pre-set with default settings allowing you to use it right away or it can be configured to your specific needs using the PocketWizard Utility which can be downloaded at:

www.PocketWizard.com/support/downloads.

- **UPDATE FIRMWARE:** Using the Utility, update all your PocketWizard ControlTL radios to the latest firmware for best functionality.
- **Please read Quick Guide thoroughly before operating.**
- **Visit wiki.PocketWizard.com for complete operating information.**



FCC Statements

FCC Part 15.19 Warning Statement

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 UNDESIRE OPERATION.

FCC Part 15.21 Warning Statement

NOTE: THE GRANTEE IS NOT RESPONSIBLE FOR ANY CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

FCC Part 15.105(b) Warning Statement

NOTE: 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.

FCC Part 15.105(b) Warning Statement (continued)

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.

IC RSS-GEN, Sec 8.4 Warning Statement

ENGLISH:

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

FRENCH:

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

FlexTT5[®] Transceiver



- You need a FlexTT5 for each remote Speedlight.
- Set all radios to the same channel.

Basic Wireless

1. Slide FlexTT5[®] Transceiver onto camera.
2. Slide Speedlight onto remote FlexTT5 Transceiver. Set the Zone Switch to your desired Zone. Repeat for each remote Speedlight.
Note: You need a receiving FlexTT5 for each remote Speedlight
3. Make sure all your PocketWizard[®] radios are on the same channel and take pictures normally.

Advanced Wireless CLS / i-TTL

Flash on camera

1. Slide the FlexTT5[®] Transceiver onto the camera.
2. Slide the Speedlight onto the camera mounted FlexTT5 radio. Set the Zone Switch to your desired Zone. The On Camera Speedlight will use the power level for its corresponding zone.
3. *Slide Speedlight onto remote FlexTT5 Transceiver.*
Note: You need a receiving FlexTT5 for each remote Speedlight
4. Set Zone Switch (A, B, C) on remote FlexTT5. All remote i-TTL Speedlights on the same group/zone will be treated as one zone of light.
5. Adjust flash output level compensation using the controls on the Panasonic GH4.
Note: See Panasonic Manual for Flash Power Settings
6. Make sure all your PocketWizard[®] radios are on the same channel and take pictures normally.

ISO, aperture, flash exposure compensation (FEC), and other settings will work with exposure normally via the PocketWizard ControlTL[®] system.

Note: *Changes to camera ISO, lens zoom, etc, will not appear on remote flash LCD.*

Manual Flash

Studio Flash, etc.

Remote flash with or without CLS / i-TTL flash on camera

1. Slide FlexTT5[®] Transceiver onto camera.
2. Attach ControlTL or standard PocketWizard[®] radio to studio flash.
3. Make sure all your PocketWizard radios are on the same channel and take pictures normally.

***Note:** Manual remote flashes are not calculated as part of the TTL exposure. For proper exposure, adjust your camera's exposure settings, or adjust the power level directly on your remote flash.*

Use PocketWizard Utility to engage HyperSync™ and explore faster than X-sync shutter speeds. Visit [PocketWizard.com/support/downloads](https://www.pocketwizard.com/support/downloads) for more information.

PocketWizard Accessories

- AC9 AlienBees Adapter
 - PowerST4 for Elinchrom RX
 - PowerMC2 for Einstein™ E640
 - Sync cables for studio flash triggering using the P2 Remote Flash Triggering Port
- For more accessories, visit [PocketWizard.com](https://www.pocketwizard.com).

Other Functions

Status LED

Normal “waiting for trigger” operation = short blink every 2 seconds.

Normal short blink color indicates battery level:

Green Good battery

Amber Warning – battery low

Red Very low battery – change immediately

Steady **red** LED in sync with TEST indicates normal transmission.

(Hold for 10 seconds to teach – see Learn mode)

Short **red** blink in sync with trigger indicates normal reception.

Rapid **red** blinking when not triggering or half-pressing camera indicates error condition.

Power off the unit, reset all connections, and power back on.

RESET

RESET A / CHANNEL RESET:

To reset to channels programmed in the PocketWizard Utility, hold TEST on power up. LED blinks **green** twice to indicate reset. Release TEST. Advanced features set via PocketWizard Utility will be retained.

RESET B / FACTORY DEFAULTS:

To reset all advanced features *and* channels to FACTORY DEFAULTS, hold TEST on power up for longer than 10 seconds. When LED blinks **green** 4 times, release.

- All settings may be configured using the PocketWizard Utility available from **PocketWizard.com**. See the online extended documentation at **wiki.PocketWizard.com** or the help text in the Utility for detailed descriptions of these settings.

Compatibility

Panasonic cameras and Speedlights compatible with PocketWizard ControlTL radios:

The FlexTT5 is compatible with the GH4 Camera and the DMW-FL580L and DMW-FL360L Speedlights. Visit **wiki.PocketWizard.com** for compatibility information. Some Panasonic equipment compatibility may be implemented via future firmware updates.

PocketWizard Wiki – <http://wiki.PocketWizard.com>

The PocketWizard Wiki on-line instruction manual includes images, how-to videos and clear explanations of all PocketWizard products. As new MiniTT1 and FlexTT5 features and accessories become available, you will find updated operational information here.

Specifications

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Trigger Delay: 0 seconds – “faster than a wire” when using compatible Panasonic cameras.

Note: *Approximately 900 microseconds delay if using Basic Trigger Mode.*

Batteries:

FlexTT5® - 2 x AA (IEC:LR6) (60 hours)

Operating Temperature: Above -15° C (5° F) and below 50° C (120° F) for FlexTT5

Storage Temperature (without battery): Above -30° C (-22° F) and below 85° C (185° F)

Warranty

This PocketWizard® product is covered under a two-year limited manufacturer's warranty. For warranty details, and to register your product, please go to PocketWizard.com/support or contact your local PocketWizard Distributor. Distributor contact information can also be found at PocketWizard.com. To receive a copy of the two-year limited manufacturer's warranty on this PocketWizard product, e-mail us at warranty@lpadesign.com or write to us at LPA Design, 21 Gregory Drive, Suite 140, South Burlington, VT 05403, United States of America, Attn: Warranty.

Frequency

IMPORTANT: US FCC/Canada frequency radios are NOT compatible with CE frequency radios and vice versa. For more information on frequency, please go to: PocketWizard.com/wheretobuy/frequency

Information in this Quick Guide is subject to change. For current operating documentation, features, specifications and compatibility, visit wiki.PocketWizard.com.

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US Patent: 5,359,375; 7,437,063; 7,702,228; 7,885,533 & US and other patents pending