

5. Measurement

2-6 Wireless Flash Radio Triggering mode

Sekonic offers the accessory RT-32CTL Radio Transmitter, purchased separately, which enables wireless triggering of PocketWizard® brand products separate and built-in receivers/transceivers.

With a Radio Transmitter installed in the meter, pressing the measuring button simultaneously transmits a trigger signal to a PocketWizard® radio or flash unit with built-in receiver to trigger one or more electronic flash units and measure the flash output. As radio triggering is wireless, it provides a fast and simple way for a single photographer to measure and adjust lights.

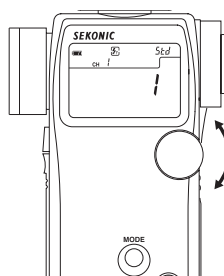
[Wireless Flash Standard Channel Setting Mode]

RT-32CTL Radio Transmitter module features 32 standard triggering channels. Channels 1-16 provide single triggering with simple PocketWizard® radios. Channels 17-32 offer Selective Quad-Triggering control for compatible PocketWizard® radios and flash with built-in receivers. Selecting a Quad-Triggering channel (17-32) provides control of up to four zones (A,B,C,D) of lighting set by meter buttons and indicated by a zone letter on the meter's LCD panel.

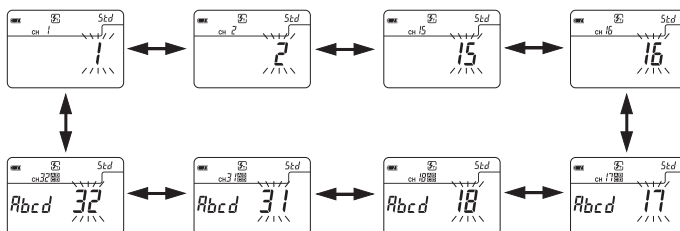
< Example in use of Standard channel receivers with 32 channels >

For L-758D/758CINE: Open the battery compartment cover ⑮, remove connector cover ⑯ and set the RT-32CTL Radio Transmitter (optional) by aligning the connector with the pins and pressing it into place. Replace the battery compartment door.

1. Select the Wireless Flash Standard Channel Setting Mode ⑫ by using the Jog wheel ⑮ while pressing the Mode button ⑩ until "Std" appears on the upper right side of the LCD.

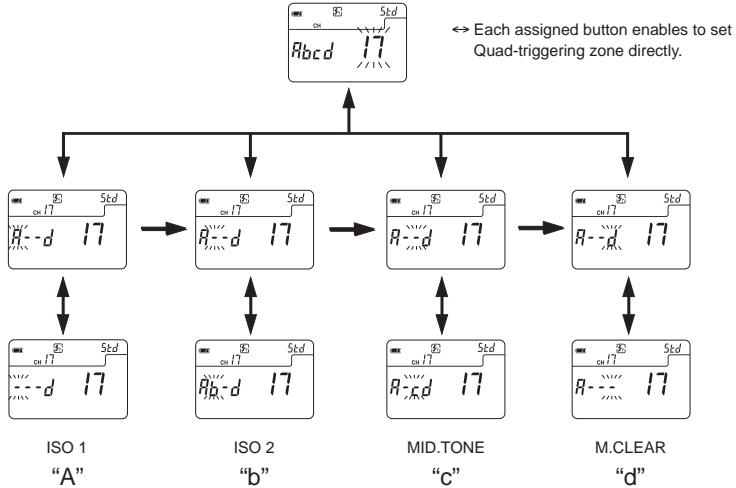


2. The channel numbers (1 to 16 or 17 to 32) will appear in the F-stop display area. When the channel number is set to 17 - 32, Quad-Triggering zones (A, b, c and d) are displayed in the T (shutter speed) display area. In the absence of a Quad-Triggering zones setting (A,b,c or d), a "-" will appear in it's place.
3. The set channel number will blink, turn the Jog wheel to select the channel desired.





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4. Press one of the buttons on meter face marked A, b or c or d to select or deselect a Quad-Trigging zone. A corresponding indicator will appear on the LCD. If a zone is deselected, a "-" will appear in its place.



⚠ CAUTION:

- It is not possible to activate Quad-Trigging control without first selecting a channel 17-32, and a Quad-Trigging zone (A, b, c or d).
- To prevent damage due to static electricity, release any static electricity from your body by touching a metal object nearby (door knob, aluminum window frame, etc.) before touching the radio transmitter module.

5. Upon setting the channel and Quad-Trigging zones, press the Measuring button  to enter your settings. The display will automatically go to the main LCD screen and Wireless Flash Radio Triggering mode will be activated or rotate Jog wheel  to set wireless flash radio triggering mode or wireless multiple flash radio triggering mode.

6. Confirm that the meter and the radio Receiver or Transceiver are set to the same channel number. The flash unit will fire and measure the light output when the measuring button on the meter is pressed.

NOTES:

- If both Standard channel and ControlTL[®] channel are not set ("--" in CH indicator). It is impossible to go to Wireless Flash Radio Triggering mode (main LCD for measurement).
- When firing a flash, if the flash brightness is 8EV lower than the ambient light, the meter may fail to detect the light. In this case, make measurements using the cord flash mode (see page 21).
- Rapid start fluorescent lamps and special lighting are sometimes mistaken for flash, and accidentally measured. In this case, make measurements using the cord flash mode (see page 21).
- The waveform of flashbulb have a slight slope and there is a possibility that light meter cannot recognize the flashbulb in Cordless flash mode. In this case, be sure to take measurement in Cord flash mode (see page 21).

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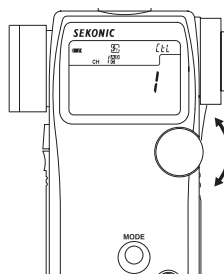
[Wireless Flash ControlTL® Channel Setting Mode]

The RT-32CTL transmitter is built into the Sekonic L-758DR. The RT-32CTL transmitter can be purchased separately and user-installed into the Sekonic L-758D and L-758Cine meters. When used in the FCC&IC versions of the meters, the transmitter has 20 ControlTL® triggering channels. The CE version of meters have 3 ControlTL® channels.

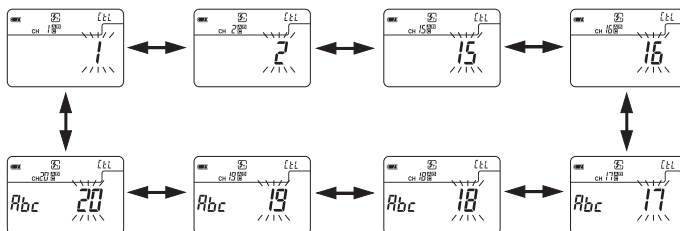
All meters offer three selectable zones (A, b, c). Press one of the buttons on meter face marked A, b or c) to select or deselect a zone. A corresponding indicator will appear on the LCD. In order to trigger a flash unit, it must be be connected to a PocketWizard ControlTL® receiver set to the same channel and zone to be triggered by the meter.

< Example in use of FCC & IC version RT-32CTL with compatible ControlTL® receivers >
 For L-758D/758CINE: Open the battery compartment cover (15), remove connector cover (25) and install the RT-32CTL Radio Transmitter module (optional) by aligning the connector with the pins and pressing it into place. Replace the battery compartment door.

1. Select the Wireless Flash ControlTL® Channel Setting Mode by turning the Jog wheel (5) while pressing the Mode button (10) until "Ct" appears on the upper right side of the LCD.

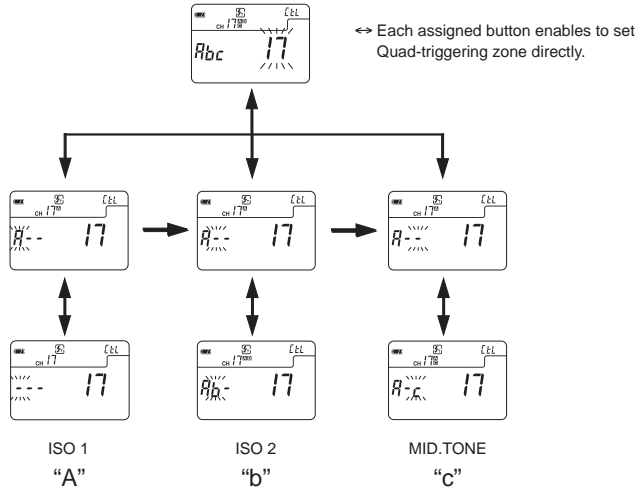


2. The channel numbers (1 to 20) will appear in the F-stop display area. Three ControlTL® zones (A, b and c) are displayed in the T (shutter speed) display area. If a zone is deselected, a "-" will appear in its place.
3. The set channel number will blink, turn the Jog wheel to select the desired channel.



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4. Press one of the buttons on meter face marked A, b or c to select or deselect a ControlTL® zone. A corresponding indicator will appear on the LCD. If a zone is deselected, a "-" will appear in its place.



⚠ CAUTION:

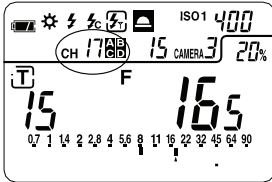
- To prevent damage due to static electricity, release any static electricity from your body by touching a metal object nearby (door knob, aluminum window frame, etc.) before touching the radio transmitter module.

5. Upon setting the channel and zones, press the Measuring button (14) to enter your settings. The display will automatically go to the main LCD screen and Wireless Flash Radio Triggering mode will be activated or rotate Jog wheel (5) to set wireless flash radio triggering mode or wireless multiple flash radio triggering mode.
6. Confirm that the meter and the radio Receiver or Transceiver are set to the same channel number. The flash unit will fire and measure the light output when the measuring button on the meter is pressed.

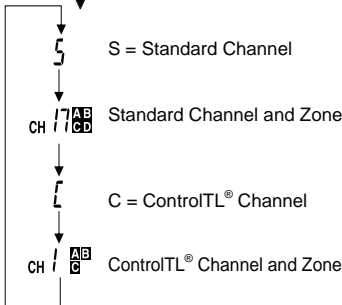
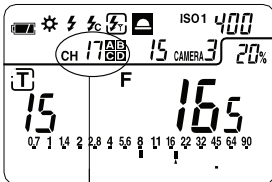
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【Measuring Mode】

1. If either "Std" or "Ctl" Channel is set, the set Channel and Zone(s) appear.



2. If both "Std" and "Ctl" are set, the display of Channel and Zone rotate as shown below.



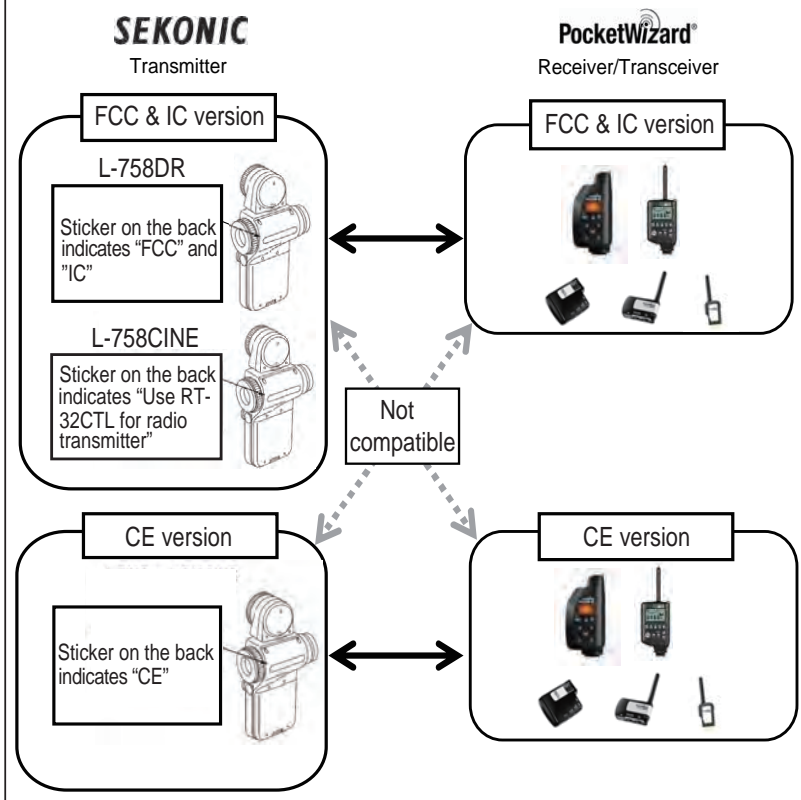
NOTE:

- If both Standard channel and ControlTL[®] channel are not set ("—" in CH indicator). It is impossible to go to Wireless Flash Radio Triggering mode (main LCD for measurement).
- When firing a flash, if the flash brightness is 8EV lower than the ambient light, the meter may fail to detect the light. In this case, make measurements using the cord flash mode (see page 21).
- Rapid start fluorescent lamps and special lighting are sometimes mistaken for flash, and accidentally measured. In this case, make measurements using the cord flash mode (see page 21).
- The waveform of flashbulb have a slight slope and there is a possibility that light meter cannot recognize the flashbulb in Cordless flash mode. In this case, be sure to take measurement in Cord flash mode (see page 21).

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NOTE:

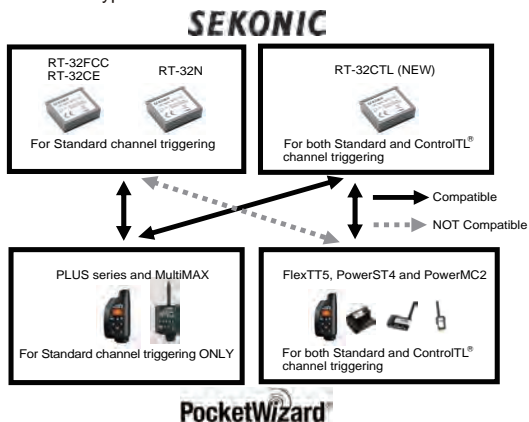
- The Wireless flash triggering system may be used only in countries where a permit for the control frequency has been issued by the government office in charge. There are several kinds of frequencies in the world, and we recommend you check if your transmitter(s) and receiver(s) or Transceivers are compatible with each other.



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NOTE:

- Be sure to picture either RT-32CTL or RT-32N / RT32-FCC / RT-32CE according to your receiver's/transceiver's type.



(★) If these ControlTL® receivers/transceivers are set in Standard channel mode. RT-32CE/FCC and RT-32N can trigger them.

- * Please visit pocketwizard.com to learn more about PocketWizard ControlTL® radios as well as the differences between Standard and ControlTL® systems.

Reference:

- Refer to the radio Receiver or Transceiver instruction manual for the recommended operating method.
- Maximum distance of the wireless flash radio triggering system can vary depending on the placement of the remote Receiver or Transceiver, direction of the radio's antenna, distance from a large body of water or concrete wall and other possible factors.
 1. Confirm the range between the meter (transmitter) and Receiver or Transceiver.
 2. Place the meter and Receiver or Transceiver away from large metal objects, concrete, objects, large moisture content (both people and trees fall into the category) and so forth.
 3. Secure the radio Receiver or Transceiver in place by using Velcro tape or a 1/4-20 mounting screw. Be sure that the entire length of the Receiver or Transmitter antenna is higher than the flash pack. Avoid contact between the Receiver or Transceiver antenna and metal objects at all times.
 4. Depending on the location, there may be cases when the Receiver or Transceiver is incapable of receiving any radio signals whatsoever. There are several possible causes for this such as radio signals reflected off of nearby objects. This can generally be resolved by shifting the meter (Transmitter) or the Receiver or Transceiver slightly in one direction or another. In addition, confirm that the Receiver or Transceiver is not placed behind objects that readily absorb or deflect radio signals such as concrete, metal, low hills, etc.