QuickGuide to Canon TC-80N3 Timer/Remote Controller

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Description

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Solution

Overview
The TC-80N3 Timer/Remote Controller is a programmable electronic shutter release. When you connect it to your EOS SLR or DSLR it will allow you to control:
1. when the shutter opens (self-timer mode)
2. how frequently the shutter opens (interval timer mode)
3. how long the shutter stays open (long-exposure timer mode)
4. how many exposures the camera will make in total (exposure count mode)
You can also combine modes: For example, you can program the controller to wait five minutes, release the shutter, then take a total of 25 exposures at five minute intervals. Refer to the Combinations Chart for more details.
The TC-80N3 also includes a remote switch that provides the same functions as your camera's

shutter button (auto-focus, autoexposure, and shutter release). When used simply as a remote release (no timer functions), the TC-80N3 does not require battery power.

Compatible Cameras
1D XMark II
1IDX
1Ds Mark III
1Ds Mark II / 1Ds
1D Mark IV/1D Mark III
1D Mark II N/1D Mark 11 /10
D2000
5DS/5DS R
5D Mark IV
5D Mark III
5D Mark II
5D
6D Mark II
6D
7D Mark II
7D
8OD**
77D**
70D**
60D**
50D/40D
30D/20D/10D
D60/ D30
Rebel T7i:
Rebel T6s/T6i**
Rebel T5i/ T4i**
Rebel T3i / T2i**
RebelT6**
Rebel T5/T3**
RebelSL2**
Rebel SL1**
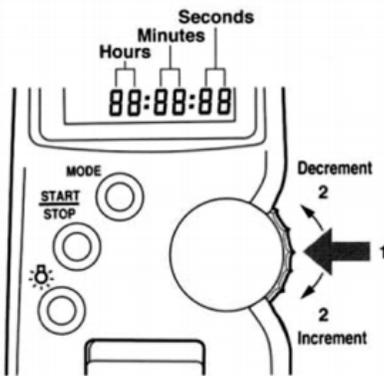EOS M6**

** Requires Remote Controller Adapter RA-E3.

Connecting/Disconnecting the TC-80N3
1. Remove your camera's remote control socket cover and place it in the holder provided on the back of the TC-80N3.
2. Insert the TC-80N3's plug into your camera's remote control socket by pressing the round

black base of the plug. (Note: Touching the silver collar will prevent the plug from locking.)
To remove the plug, grasp the silver collar and pull outward.

Setting a Time Amount
1. Press the Mode Button to select one of the three timing modes (self-timer, interval, or long exposure).
2. Press the Jog Dial to select the time unit you wish to set. Each time you press the dial, the time units will blink in the following order: Seconds → Minutes → Hours, in a continuous loop. When the time unit you wish to set is blinking, turn the Jog Dial to the amount you want.
3. After setting a time unit, press the Jog Dial once to register it. Time amounts can be set in single digit increments, up to: Seconds: 59 Minutes: 59 Hours: 99
4. Repeat Step 3 for any additional time units you wish to set. Once a time unit has been registered it will no longer blink.

Self-timer Mode
1. Use the Jog Dial to set the desired delay time.
2. Press the Start/Stop button to start the self-timer.

The Self-timer icon will start
blinking and the time display will count down. The shutter will release when the timer reaches zero (0). To pause the self-timer before the shutter releases, press the Start/Stop button. Press it again to resume.
• Do not use the TC-80N3 in combination with your camera's self-timer. Doing so may interfere with the TC80N3's timer function.
• You can combine the self-timer with the Long Exposure Mode for Bulb exposures. Setting your camera to Bulb will result in a Bulb exposure only if you have set the the TC80N3 to Long Exposure Mode.
• If you combine the Long Exposure Mode and Interval Timer Mode, both will begin only after the Self-timer delay has elapsed.

Interval Timer Mode

1. Use the Jog Dial to set the desired time interval.

2. Press the Start/Stop button. The camera will immediately take the first exposure. Note: If you want to program a sequence of exposures at a given interval you must set the exposure count to an amount greater than one. Subsequent exposures will be at the interval you have set.
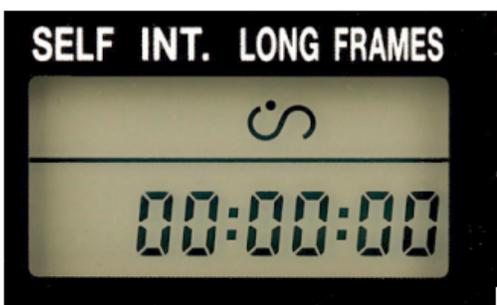

Interval Timer Mode (continued)

3. To pause the interval timer, press the Start/Stop button. Press it again to resume.

Note: The interval you select must be longer than than the combined time of the shutter speed and shutter recocking time, otherwise the result will be continuous shooting.
When you are shooting with electronic flash the time interval you set must be longer than the flash recycle time. If the time interval is less than the recycle time the shutter will not release until the flash unit has recycled. With Canon Speedlites that have
the Save Energy (SE) feature, the flash will automatically recycle one minute before the exposure.

Long Exposure Mode

1. You must set the camera's shutter to Bulb (B), otherwise the camera will shoot continuously until the exposure time you have set expires or you run out of exposures, whichever comes first.

2. Use the Jog Dial to set the desired exposure time.

3. Press the Start/Stop button. The exposure will start, the icon will blink and the exposure time

will begin to count down.

4. To cancel the exposure, press the Start/Stop button.

Note: For unattended shooting, focus manually. If the camera is set to AF and is unable to find focus it may not release the shutter.

Exposure Count

1. Press the Mode Button to select the Exposure Count mode.

2. Press the Jog Dial. The exposure count digits will begin to blink.

3. Turn the Jog Dial to the number of exposures you want, from 1 to 99. If you set the counter to 00, the number of exposures will limited only by the amount of film or memory card space available.

4. Press the Jog Dial to register the number of exposures. Once an amount has been registered the exposure count display will no longer blink.

5. Press the Start/Stop button. The camera will begin shooting and will continue until it completes the number of exposures you have. The TC-80N3 will count down the number of exposures. Unless you specify a specific interval, the exposures will be taken at one-second intervals.

Note: When shooting a sequence of exposures with flash, set the interval timer so that the flash will have enough time to recyle between exposures.

Hold Function

The Hold function prevents accidental changes to your settings. It also prevents the Start/Stop Button from accidentally stopping an operation after it has started. To activate this function, press and hold the Display Illuminator Button for at least three seconds until the Hold indicator appears on the display. To cancel this function, press and hold the Display Illuminator Button for at least three seconds until the Hold indicator disappears.

Cancelling the Settings

Simultaneously press the Mode Button, Display Illuminator Button and Jog Dial to cancel all settings. Setting the time or number of exposures to 0 will cancel the respective mode.

Remote Switch Function

The TC-80N3's Release Button functions in the same way as the Remote Switch RS-80NC. The remote switch function does not require battery power.

As with your camera's shutter button, you can press the Release Button either halfway or all the way. Pressing it halfway activates your camera's autofocus and exposure meter. Pressing it all

the way will release the shutter.

For long exposures or continuous shooting, press the Release Button completely and slide it forward, in the direction of the Running Lock Arrow. This will lock the button in the fully depressed position. To release the button, slide it back to its original position.

Note: Even when the Interval Mode or Self-timer are active, you can still take a picture immediately by pressing the Release Button or your camera's shutter button. Also note that the timing or exposure count mode you have set will not be affected if you use
the Release Button. During a long exposure that is controlled by the TC-80N3, however, the release button will be inoperable.

Timer Mode Combinations

ST	INT	LE	EXP	Description
•				Self-timer operates
	•			Interval time operates
		•		Shutter opens for extended time
			•	The set number of exposures is taken at one-second intervals.
•	•			After the self-timer delay the interval timer begins
•		•		After the self-timer delay the long exposure begins
•			•	After the self-timer delay the set number of exposures is taken at one-second intervals
	•	•		The long exposure is taken at the set intervals
	•		•	The set number of exposures is taken at the set intervals
•	•	•		After the self-timer delay the long exposure is taken at the set intervals
•	•		•	After the self-timer delay the set number of exposures is taken at the set intervals
	•	•	•	The set number of long exposures is taken at the set intervals
•	•	•	•	After the self-timer delay the set number of long exposures is taken at the set intervals
		•	•	**This is an incompatible combination.** The timer will default to long exposure only.
•		•	•	**This is an incompatible combination.** The timer will default to self-timer delay followed by long exposure