

ENS-LCDU TIMER REMOTE SHUTTER USER GUIDE

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For Your Safety(1/2)

To prevent damage to your product or injury to yourself or to others, read the following safety precautions in their entirety before using this equipment.

The consequences that could result from failure to observe the precautions listed in this section are indicated by the following symbol:

This icon marks warnings, information that should be read before using this product to prevent possible injury.

Do not disassemble or modify
Failure to observe this precaution could result in electric shock or product malfunction. Should the product break open as the result of a fall or other accident, remove the batteries and send

the product to manufacturer for inspection.

Keep dry
Do not handle with wet hands or immerse in or expose to water or rain. Failure to observe this precaution could result in fire or electric shock.

Do not use in the presence of flammable gas
Failure to observe this precaution could result in explosion or fire.

Keep out of reach of children
This device contains small parts which may pose a choking hazard. Consult a physician immediately if a child swallows any part of this device.

Turn off immediately in the event of malfunction
Should you notice smoke or an unusual smell coming from this device, remove the battery

immediately and take the device to an authorized service representative for inspection, taking care to avoid burns. Continued operation could result in injury.

Do not expose to high temperatures
Do not leave the device in a closed vehicle under the sun or in other areas subject to extremely high temperatures. Failure to observe this precaution could result in fire or in damage to the casing or internal parts.

Observe precaution when handling batteries
Batteries may leak or explode if improperly handled. Observe the following precautions when handling batteries for use in this device:
• Use only batteries listed in this manual.
• Do not mix old and new batteries or batteries of different types.

For Your Safety(2/2)

- Read and follow instructions provided by the manufacturer.
- Do not short or disassemble.
- Do not expose to flame or heat.
- Batteries are prone to leakage when fully discharged. To avoid damage to the product, be sure to remove the batteries when leaving the product unattended for prolonged periods or when no charge remains.
- Should liquid from the batteries come into contact with skin or clothing, rinse immediately with water.

Introduction

Thank you for purchasing the Energizer Timer Remote Shutter. The Timer Remote Shutter is equipped with many features—from delayed exposures to timed long exposures—capable of capturing creative and unique images at any time of day.

Parts of the Timer Remote Shutter(2/3)

Please see the back of the cover for illustrations.

Remote Body

- 1 Connector
- 2 Wired connection cord
- 3 Two-color focus and release indicator
- 4 Display panel
- 5 Timer Start/Stop
- 6 Set button
- 7 Backlight / Lock button
- 8 Directional pad
- 9 Shutter release button
- 10 Battery chamber cover

Parts of the Timer Remote Shutter(2/3)

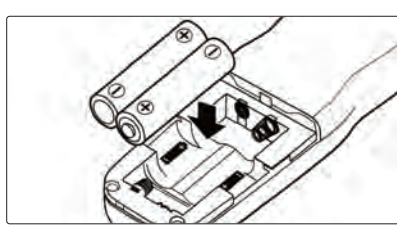
Display Panel*

- 1 Functional cursor
- 2 Show time
- 3 Lock indicator
- 4 Low battery indicator
- 5 TIMER ACTIVE indicator
- 6 Speaker on/off indicator
- 7 SET indicator
- 8 RELEASE indicator
- 9 Number of shots

*The illustration inside the front cover shows the control panel with all elements lit. In the other illustrations throughout this manual, elements relevant to the explanation in the accompanying text are shown in black. Indicators not mentioned in the text are shown in gray.

Inserting Batteries

Slide the battery chamber cover (10) from the back of the Timer Remote Control and insert two AAA 1.5V LR03 alkaline batteries (available separately) as shown.



The Low Battery Indicator
The low battery indicator (4) will blink when the batteries are low. Please replace the battery

Replacing Batteries

- when replacing batteries:
- 1 Check that the TIMER ACTIVE (5) and RELEASE (8) indicators are not displayed.
 - 2 Turn the camera off and disconnect the Timer Remote Control
 - 3 Remove the batteries.
 - 4 Wait until the control panel has gone out and insert new batteries.

When the Timer Remote Control is not in Use
The Timer Remote Shutter is not equipped with an off switch. To reduce the drain on the batteries when the Timer Remote Control is not in use, end shooting and check that the TIMER ACTIVE (5), SET (7), and RE-LEASE (8) indicators are not displayed. The drain on the batteries increases when these indicators are flashing.

Parts of the Timer Remote Shutter(2/3)

The TIMER ACTIVE, SET and RELEASE indicators

Button	Function
TIMER ACTIVE	Timer active (page 11); press TIMER START/STOP button (5).
SET	Settings can be modified (page 7); press SET button (7).
RELEASE (TIMER ACTIVE not flashing)	Manual release active (page 14); release shutter-release button (9); if button is in HOLD position, release shutter-release lock.

Backlight / Lock Button

Press the backlight/lock button (7) briefly to activate the control panel backlight. The backlight will remain lit for about six seconds; pressing the arrow button (8) while the backlight is on extends the timer for another six seconds. To lock all controls except the shutter release (9) and backlight/lock button, press the illuminator lock button until the lock icon (11) is displayed in the control panel. To release the lock, please press the backlight/lock button until the lock icon is no longer displayed.

Connecting the Timer Remote Shutter

- 1 Turn the camera off.
 - 2 Check that the TIMER ACTIVE (5) and RELEASE (8) indicators are not displayed.
 - 3 Remove the Timer Remote Shutter socket terminal cover from the camera. By connecting the camera shutter, and will shutter plug (1).
- The camera firmly connected.

Disconnecting the Timer Remote Shutter
After checking that the TIMER ACTIVE (5) and RELEASE (8) indicators are not displayed, turn the camera off and disconnect the Timer Remote Control. Replace the Timer Remote Control socket terminal cover.

Using the Timer Remote Shutter

Timed Photography (1/7)

The Timer Remote Shutter functions as:

- An **automatic timer** (pp.7-13). Choose the delay (time before shooting starts), exposure time, interval, and number of shots for timed interval photography. Shutter speed can be selected with the camera if desired (pg.13).
- A **manual release** (pg.14). Take photographs manually using the shutter-release button on the Timer Remote Shutter. Photographs can be taken manually even when the timer is running.

1. Adjust Camera Settings

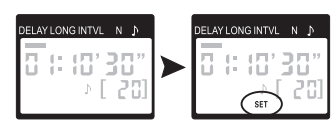
- 1.1 Connect the Timer Remote Shutter (pg.6) and turn the camera on.
- 1.2 Adjust camera settings as follows (see the camera manual for details):

Exposure mode	M (manual)
Shutter speed	Bulb
Interval timer	Off
Focus mode	AF-C (continuous-servo autofocus) or M (manual)
Continuous	S (single frame)

* Select release priority if available.

2. Set the Timer

- 2.1 Press the SET button (7). SET will flash in the display panel.



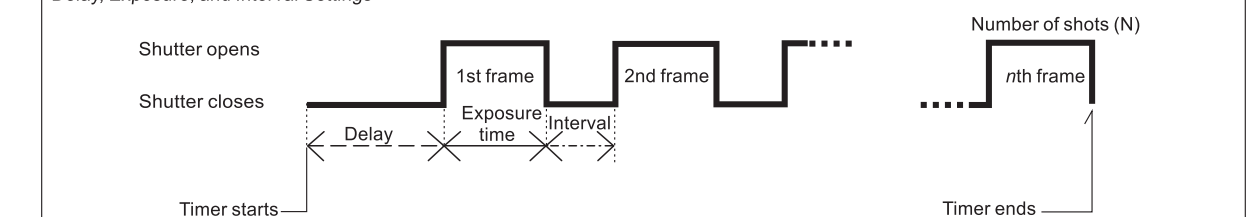
The Timer Remote Shutter can be connected to the camera after the timer has been set.

Timed Photography (2/7)

- 2.2 Adjust the following settings:

Option	Description	Supported settings
DELAY	Delay before shutter is released	0s to 99hrs 59 min 59s (in one-second increments)
LONG	Exposure time	
INTVL	Interval	1s to 99hrs 59 min 59s (in one-second increments)
N	Number of shots	1 to 399, -- (unlimited)
♪	Speaker on/off	♪ (on), ♪ (off)

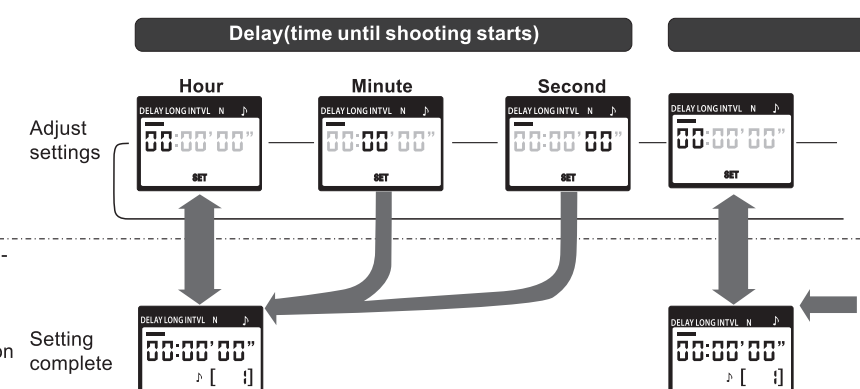
Delay, Exposure, and Interval Settings



Timed Photography(3/7)

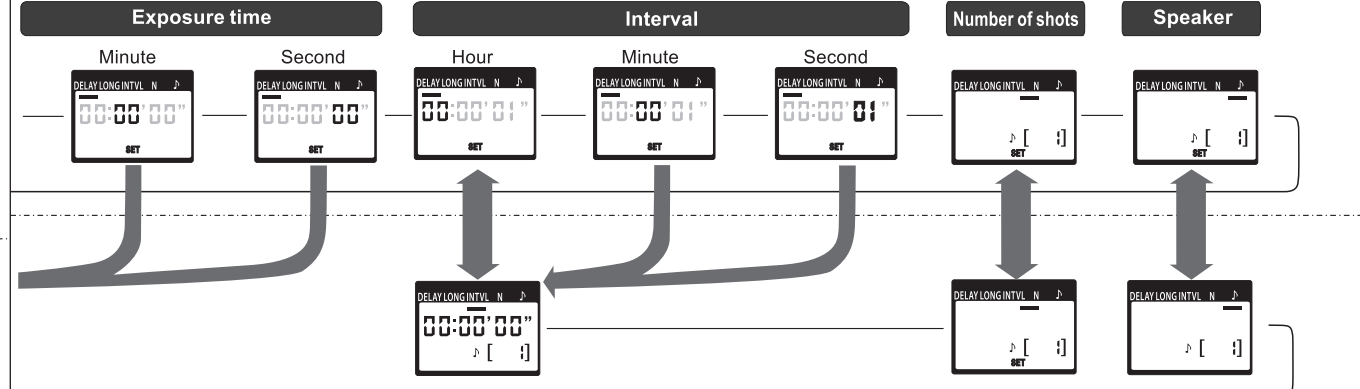
Setting the Timer

Use the arrow button to set the timer. Press left or right to select, up or down to change. The current selection is indicated by the selection cursor (1).



Press SET (7) at any time to complete the operation and display the new settings for the selected item. To view other settings, press the arrow button left or right. The current selection is indicated by the selection cursor (1). Press the SET button to edit the current setting as described above.

Timed Photography (4/7)

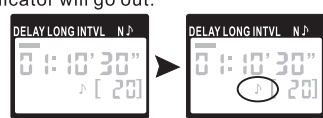


Timed Photography (5/7)

Setting the Timer

To ensure correct operation, choose an interval at least one second longer than the exposure time. When using autofocus, set the delay to two seconds or more and choose an interval at least two seconds longer than the exposure time to ensure that the camera has time to focus. When using long exposure noise reduction (available with some digital camera), the interval should be at least twice exposure time. Intervals of 00:00:00 will automatically be reset to 00:00:01 when the SET button (7) is pressed to put setting into effect.

- 2.3 After adjusting all settings as desired, press the set button (7) to put the new settings into effect. Timer will issue a beep (speakers in the open circumstances), and the SET indicator will go out.



The new settings will remain in effect until changed or until the batteries are removed or exhausted.

3. Start the Timer

Press the TIMER START/STOP button (5). The timer will start and TIMER ACTIVE (5) will flash in the show panel. Between shots, the control panel will show the time remaining until the next photograph is taken.

While the shutter is open, the display panel will show the time remaining until the shutter closes and the release lamp and RELEASE indicator (8) will flash at one-second intervals. If the speaker is turned on, the timer will be issued one-second intervals for the beeps. Each time a picture is taken, the remaining number of shots will be updated.

Timed Photography (6/7)

Show Panel Display (Timer Active)



Flashes while timer is active

When that did not open the shutter: shots: Time remaining until next shot

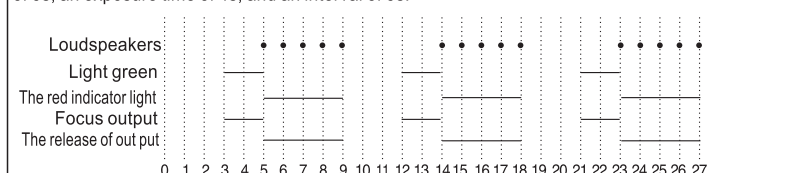
While shutter is open: Time remaining until shutter closes

Number of shots remaining

Flashes while shutter is open

The Speaker and Release Lamp

The following illustration shows when a beep will sound (●) and the release lamp flash (○) with a delay of 5s, an exposure time of 4s, and an interval of 5s.



4. End Shooting
Shooting will end automatically when the selected number of shots have been taken. To end shooting before all photographs have been taken, press the TIMER START/STOP button (5).

Timed Photography (7/7)

Using the Camera to Select Shutter Speed

To take photographs at the shutter speed selected with the camera, adjust settings as follows:

Exposure mode	M (manual) or S (shutter-priority auto)
Shutter speed	Any
Camera Interval timer	Off
Focus mode	AF-C (continuous autofocus) or M (manual)
Shooting mode	S (single frame)

*Select release priority if available

*When using autofocus, choose interval at least two seconds longer than the camera shutter speed to allow the camera time to focus. When using long exposure noise reduction (available with some digital cameras), choose an interval at least double the camera shutter speed.

Using the Timer

Before using the timer for extended periods, check that the batteries have charged fully. Replace the batteries when the low battery indicator (4) flashes in the display panel (9).

Manual Release

The Timer Remote Control shutter release button (9) functions in much the same way as the camera shutter release button.

To keep the shutter release button pressed for BULB photography, slide the button upwards into HOLD position. Slide down to release lock.

The Timer Remote Shutter shutter-release button can be used when no batteries are inserted. The Show panel will remain off and no beep will sound.

1. Adjust Camera Settings

Connect the Timer Remote Shutter (pg.6) and turn the camera on. Choose exposure mode, shutter speed, focus mode, and shooting mode as desired.



2.2 Release button to close shutter and complete image capture.

2. Take Pictures
2.1 Press the Timer Remote Shutter release button (9) halfway and check focus and exposure. The green light commences during focusing and will turn red when the shutter opens. The red light indicator will flash and beep will sound in one-second increments during exposure. The RELEASE indicator (8) will flash as well. The display panel will show how long the shutter has been open.

The shutter-release button can be used to release the shutter manually while the timer is active. Timer count-down (Package so display panels, focus and the release of the indicator light and beep). Continues during manual release. If a manual release overlaps with an automatic release, the shutter will remain open until both exposure times have expired.

Precautions for Use

Check the camera battery level and number of exposures remaining before using the Timer Remote Shutter (see the camera manual for detail). The timer will continue to operate even when no pictures can be recorded due to low battery, lack of film or memory, or lack of space in the memory buffer (digital cameras only). An AC adapter (available separately) is recommended for longer sessions.

Some cameras have an AF activation option that determines whether the camera will focus when the shutter release button is pressed halfway (see the camera manual for details). Enable shutter release button AF-activation when using the Timer Remote Shutter. Please note that the timer is less accurate than most watches or household clocks.

Caring for the Timer Remote Shutter

Do not drop: The product may malfunction if subjected to strong shocks or vibration.

Keep dry: This product is not waterproof and may malfunction if immersed in water or exposed to high levels of humidity. Rusting of the internal mechanism can cause irreparable damage.

Avoid sudden changes in temperature: Sudden changes in temperature can cause condensation inside the device. To prevent condensation, place the device in a carrying case or a plastic bag before exposing it to sudden changes in temperature.

Keep away from strong magnetic fields: Strong static charges or the electromagnetic fields produced by equipment such as radio transmitters could interfere with the device.

A note on electronically-controlled devices: In extremely rare instances, unusual characters may appear in the show panel and the device may stop functioning. In most cases, this phenomenon is caused by a strong external static charge. Turn the camera off, disconnect the Timer Remote Shutter, remove the batteries, and then replace them once the control panel has turned off. Caution is required when handling the batteries, which may be hot from use. In the event of continued malfunction, contact your retailer or representative.

Display panel: LCD displays tend to darken at high temperatures and exhibit slower response times at low temperatures. This does not indicate a malfunction.

Specifications

Supported cameras	Nikon, Canon, Sony, Samsung, Panasonic, Pentax, Olympus, Konica Minolta, etc.
Timer delay	0 s to 99 hrs 59 min 59 s in one-second increments
Exposure time	0 s to 99 hrs 59 min 59 s in one-second increments
Interval	0 s to 99 hrs 59 min 59 s in one-second increments
Number of shots	1 to 399, -- (unlimited)
Power source	Two AAA alkaline batteries
Battery life	Approximately two months of continuous shooting with a delay of 5 min, an exposure time of 4 min 56s, and an interval of 5 min. User of the illuminator will reduce battery life.
Operating temperature	-20° to 50° (-4° to 122° F)
Dimensions	6.1 × 1.6 × 0.7 in
Weight	0.3 lbs.
Length of cord	