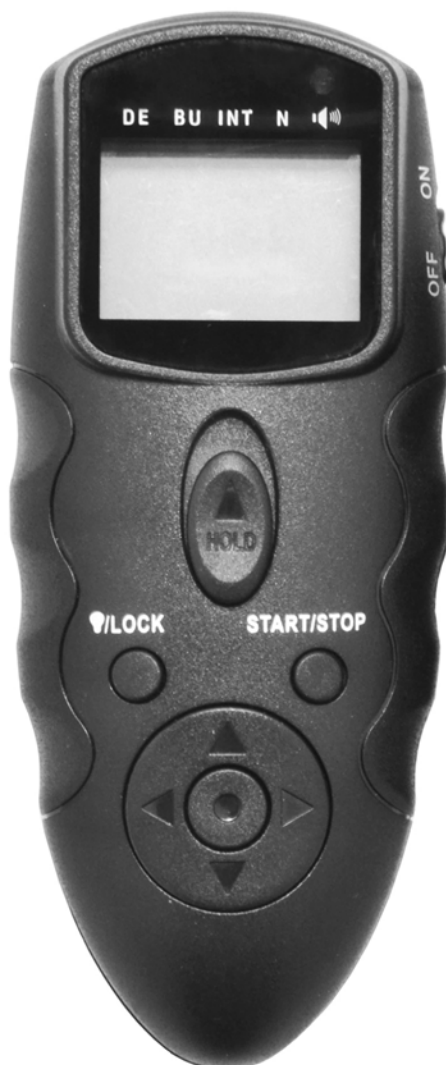


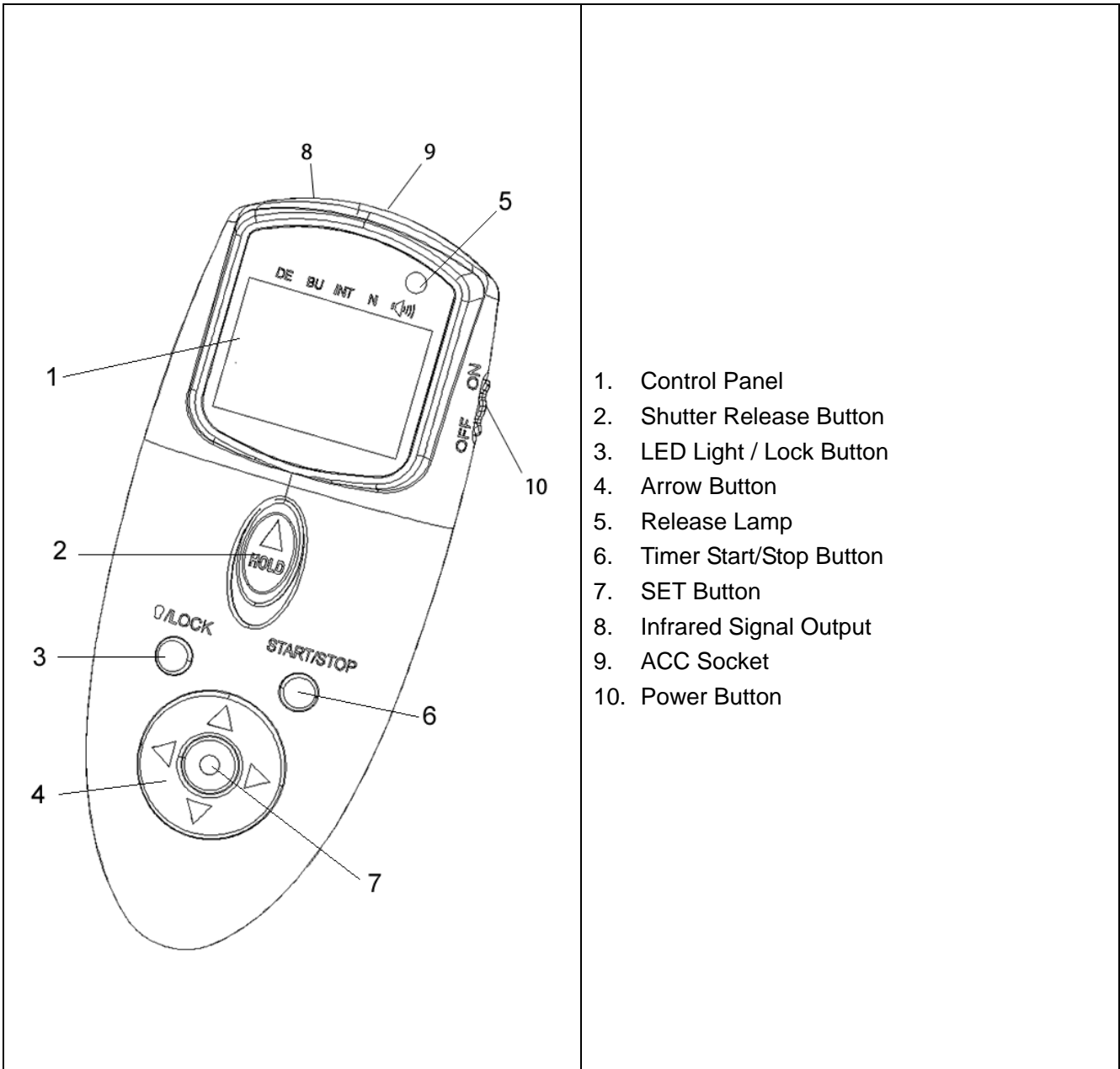


Model: MT-636
Multi-Exposure Timer & Infrared Remote
English Instruction Manual

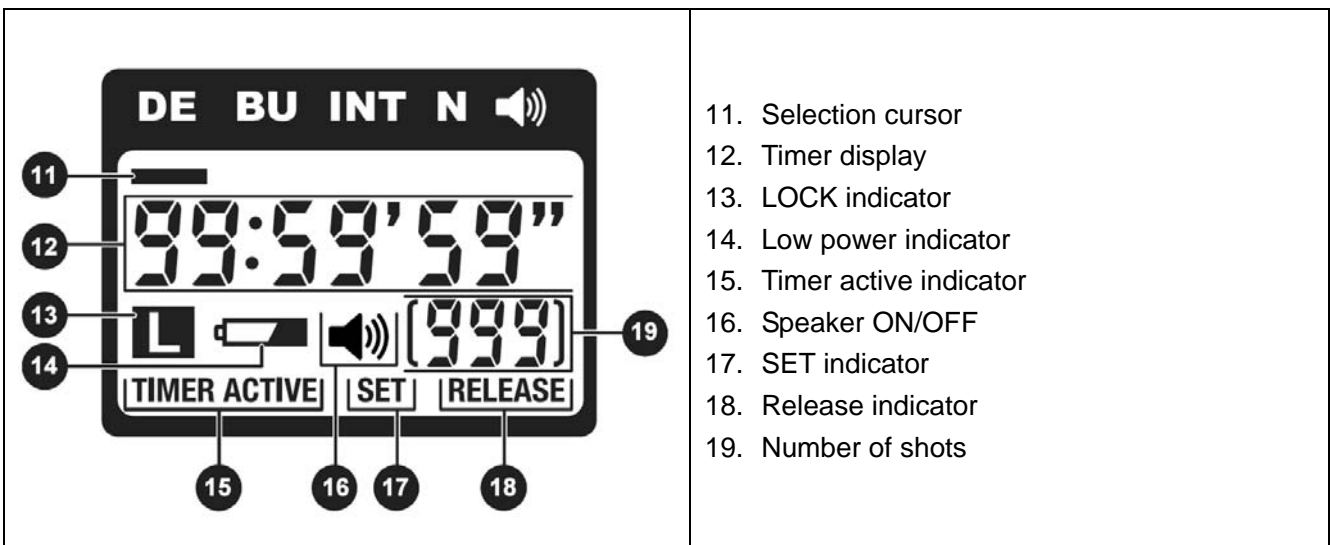


Thank you for purchasing JJC MT-636 Multi-Exposure Timer & Infrared Remote control. For the best performance, please read this manual instruction carefully before using. You must read it thoroughly and fully understand this manual to avoid improper operation lead to damage of the product.

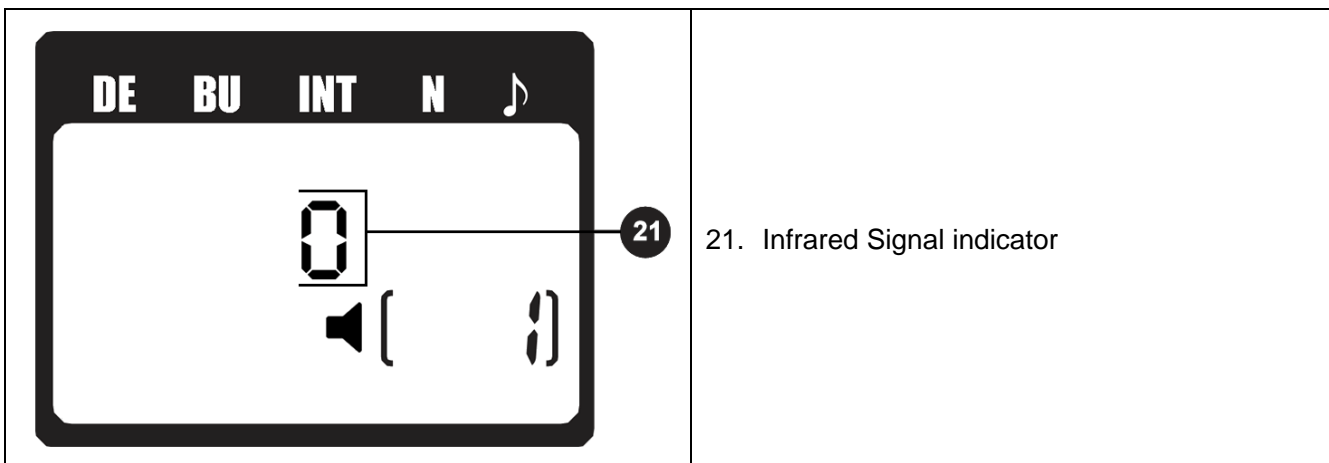
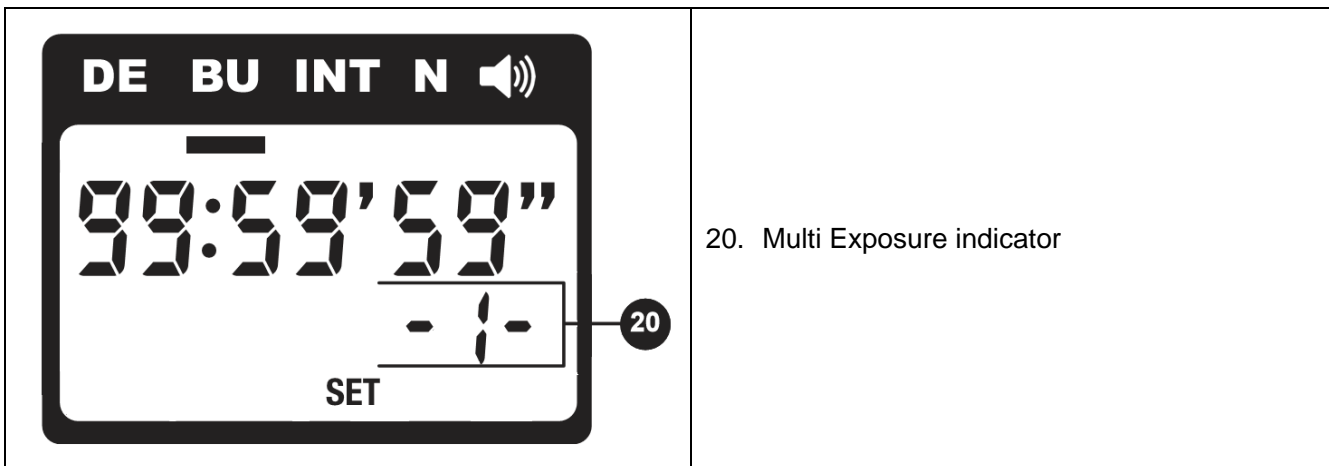
Parts of MT-636 controller:








- 1. Control Panel
- 2. Shutter Release Button
- 3. LED Light / Lock Button
- 4. Arrow Button
- 5. Release Lamp
- 6. Timer Start/Stop Button
- 7. SET Button
- 8. Infrared Signal Output
- 9. ACC Socket
- 10. Power Button



- 11. Selection cursor
- 12. Timer display
- 13. LOCK indicator
- 14. Low power indicator
- 15. Timer active indicator
- 16. Speaker ON/OFF
- 17. SET indicator
- 18. Release indicator
- 19. Number of shots



For Your Safety

-  Do not disassemble or modify
-  Keep Dry
-  Keep out of reach of children
-  Do not use in the presence of flammable gas
-  Do not expose to high temperatures

Install and replace the battery:



MT-636 connected with the camera using as wired timer



***Wired operation requires the use of a JJC Shutter Release Cable to fit your camera. (NOT INCLUDED. SEPARATE PURCHASE REQUIRED.)**

Connecting the MT-636 controller:

1. Turn OFF the power of camera and MT-636 controller.
2. Remove the remote socket cover from the camera.
3. Insert the shutter release plug into the remote socket of camera.
4. Insert the input plug into the ACC socket of MT-636 controller.
5. Turn ON the camera and MT-636 controller.
6. Now you can start program the function and enjoy the timer trigger.

Disconnecting the MT-636 controller:

1. Turn OFF the camera and MT-636 controller.
2. Disconnect the shutter release plug from the camera body.
3. Replace the remote socket cover.
4. Disconnect the input plug from the MT-636 controller.

Automatic Function Description:

Automatic Timer Function, Choose the Delay / Self Timer (**DE**), BULB/Long Exposure (**BU**), Interval Timer (**INT**) and number of shots for time interval photography exposure (Exposure Count (**N**)). Following table is the setting about the camera shutter speed.


1. Camera Setting

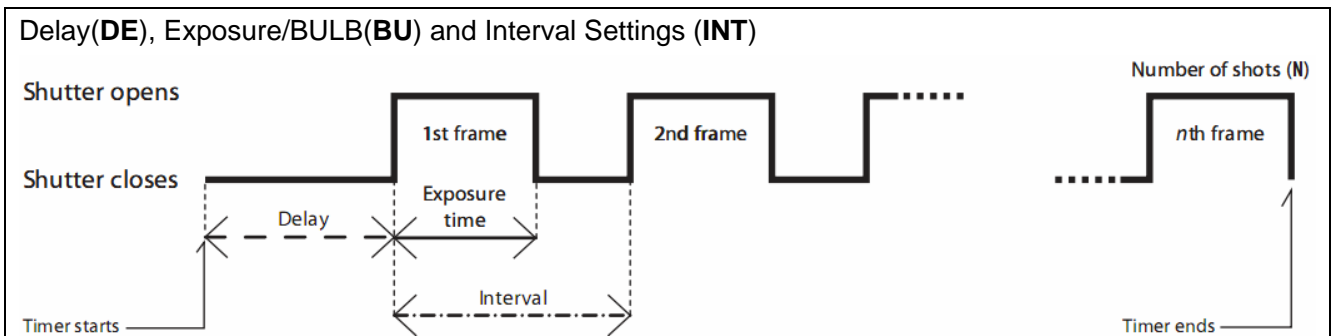
- a) Connect the MT-636 controller to the camera and turn ON.
- b) Adjust the camera setting

Exposure Mode	M (manual)
Shutter Speed	BULB
Interval Timer	OFF
Focus Mode	Auto Focus or Manual
Continuous	S (single frame)

2. Set MT-636

Press the SET button. The SET icon will flash in the Control Panel.
Adjust the following settings

Option	Description	Supported Setting
DE	Just like the self timer on your camera. The MT-636 timer remote switch allows you to set any delay (in 1 second increment) up to 99 hours, 59 minutes and 59 seconds.	0s to 99hrs 59min 59s
BU	It allows you to take time exposures up to 100 hours in length.	0s to 99hrs 59min 59s
INT	The Interval Timer can be set to any time period up to 100 hours as well. If you set it to 10 minutes, for example, one exposure will be taken every 10 minutes until either the film runs out or the Exposure Count limit has been reached.	1s to 99hrs 59min 59s
N	This setting permits you to set the number of exposures that will be taken, up to 999 shots.	1 to 999 shots or -- (unlimited)
	Speaker ON/OFF	ON/OFF



IMPORTANT:

Please ensure the Interval time is longer than Exposure timer at least 2 seconds.

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

1.Delay/Self Timer (Time until shooting starts)

 <p>DE BU INT N</p> <p>00:00'00"</p> <p>SET</p>	 <p>DE BU INT N</p> <p>00:00'00"</p> <p>SET</p>	 <p>DE BU INT N</p> <p>00:00'00"</p> <p>SET</p>
Hours	Minutes	Seconds

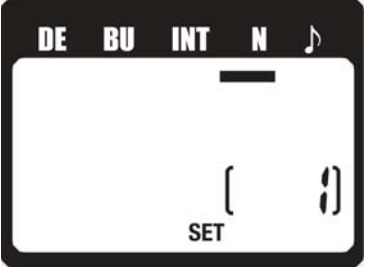
2. BULB/Long Exposure (Exposure Time)

 <p>DE BU INT N</p> <p>00:00'00"</p> <p>SET</p>	 <p>DE BU INT N</p> <p>00:00'00"</p> <p>SET</p>	 <p>DE BU INT N</p> <p>00:00'00"</p> <p>SET</p>
Hours	Minutes	Seconds

3. Interval Timer (INT)

 <p>DE BU INT N</p> <p>00:00'00"</p> <p>SET</p>	 <p>DE BU INT N</p> <p>00:00'00"</p> <p>SET</p>	 <p>DE BU INT N</p> <p>00:00'00"</p> <p>SET</p>
Hours	Minutes	Seconds

4.Number of Shots(N)

 <p>DE BU INT N</p> <p>()</p> <p>SET</p>

5. Speaker



To ensure correct operation, choose an interval at least two seconds 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, the interval should be at least twice the exposure time.

Intervals of 00:00:00 will automatically be reset to 00:00:01 when the SET button is pressed to put settings into effect.

To set the number of shots to - - (unlimited), select 1 and press the arrow button down or select 999 and press the arrow button up.

After adjusting all setting, press the SET button to put the new settings ENABLE. A beep will sound (If the speaker is ON) and the "SET" icon indicator will go out.

Start the timer

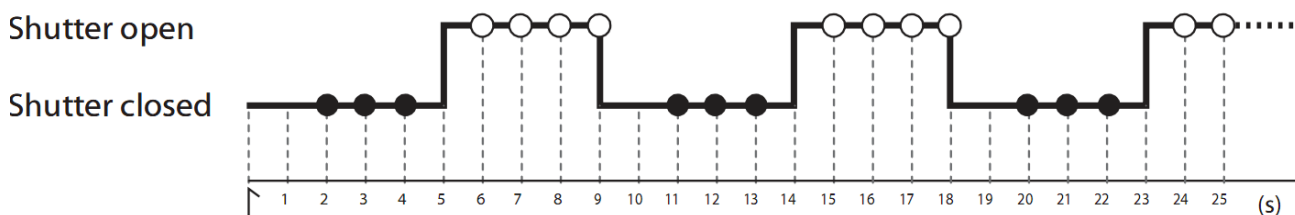
Press the START/STOP button. The timer will start and "TIMER ACTIVE" will flash in the control panel. Between shots, the control panel will show the time remaining until the next photograph is taken. If the speaker is ON, a beep will sound three times at ONE-SECOND intervals before the shutter opens.

While the shutter is opened, the control panel will show the time remaining until the shutter closes, and the release lamp and "RELEASE" indicator will flash at ONE-SECOND intervals. The number of shots remaining will be updated each time a photograph is taken.

<p>1 — TIMER ACTIVE</p> <p>2 — 00:00'59"</p> <p>3 — [12]</p> <p>4 — RELEASE</p>	<p>1. Flashes while timer is active</p> <p>2. Between shots: Time remaining until next shot. While shutter is open: Time remaining until shutter closes.</p> <p>3. Number of shots remaining</p> <p>4. Flashes while shutter is open</p>
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The Speaker and Release Lamp

The following illustration shows when a beep will sound (●) and the release lamp flash (○) with a delay of 5s, exposure time of 4, and an interval of 9s.



End Shooting

Shooting will end automatically when the selected number of shots has been taken. To end shooting before all photographs have been taken, press the START/STOP button.

Using the camera to select shutter speed

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

CAMERA	Exposure mode	M (manual) or S (shutter-priority auto)
	Shutter speed	Any
	Interval timer	OFF
	Focus mode	AF-C or M
	Shooting mode	S (single frame)

MT-636	Exposure time	0 s
	Interval	Longer than camera shutter speed

*When using autofocus, please choose an interval at least two seconds longer than the camera shutter speed to allow the camera time to focus. When using long exposure noise reduction, choose an interval at least double the camera shutter speed.

Manual Function Description:

Adjust Camera Settings

1. Turn OFF the MT-636 controller. Remove the remote socket cover from the camera.
2. Connect the MT-636 controller to the camera and turn ON the camera. Select the M function and choose BULB of the camera.
3. Half press the shutter button for focus
4. Fully press the shutter button for release shutter
5. Slide the shutter button to the HOLD position. The camera locks the shutter.
6. Slide it in the opposite direction to release the lock.
7. Release the button to end shooting.

LED Light / Lock Button

Press the **LED Light / Lock Button** for 1 second to turn on the LED lamp of the control panel.

Press the **LED Light / Lock Button** for 2 seconds to enable the Button Lock.

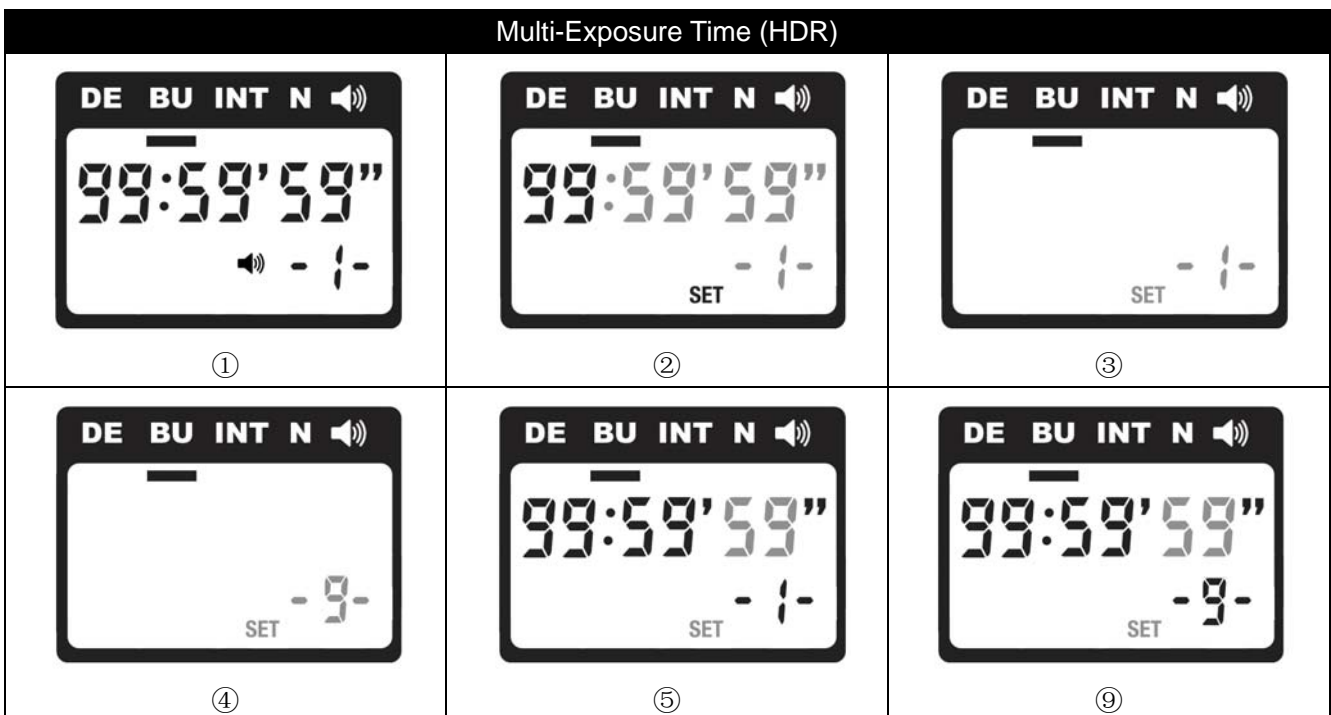
Press the **LED Light / Lock Button** for 2 seconds to disable the Button Lock.

Multi-Exposure (High Dynamic Range) Function Description:

Setting the Multi-Exposure

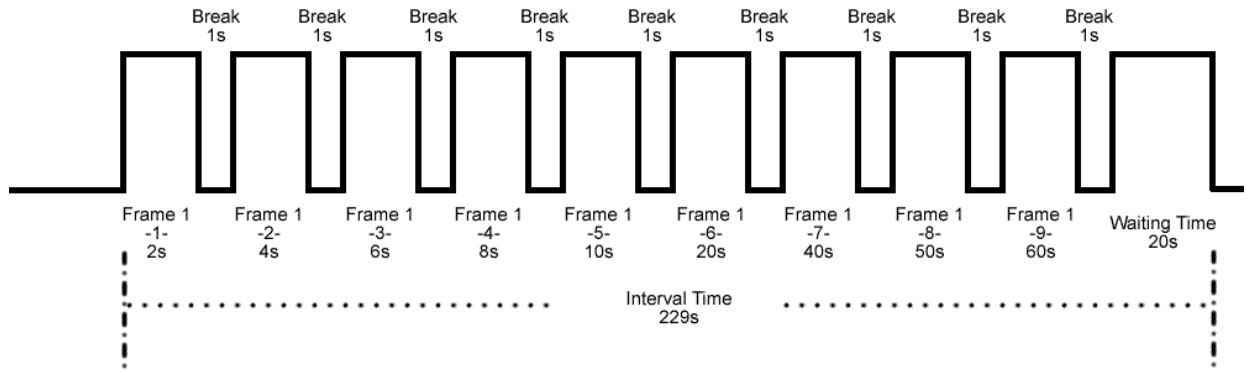
- Use the arrow button to move selection cursor under BU, press the SET button and go into BU time section ①. Press the LEFT arrow button to get into multi-exposure selection②, press UP or DOWN to change from single exposure -1- to nine exposures -9-.
- Press the SET button to complete the operation and display the new setting for the selected item④. Press the SET button to set first exposure (-1-) and press the arrow button to change exposure time⑤. After finish the first exposure time, press the right arrow button to get into second (-2-) exposure time. Repeat ④⑤ steps, until move to last exposure (-9-)⑨. To view other setting, press the ARROW button left or right. The current selection is indicated by the selection cursor. Press the SET button to edit the current setting as described above.

Option	Description	Supported Setting
BU -1-	Multi-Exposure	1 group - 9 groups



Multi-Exposure Timer Example Table								
-1-	-2-	-3-	-4-	-5-	-6-	-7-	-8-	-9-
2s	4s	6s	8s	10s	20s	40s	50s	60s
Interval Time = Exposure Time + Break Time + Waiting Time								

- After finish the setting of Multi-Exposure Timer, we can set the Interval Timer. When the timer is running, between each exposure timer will wait 1s to run the next exposure.



Infrared Signal Function Description:


The following is a list of the infrared code for different cameras, following page will tell you how to set the right infrared code for your camera.

OFF	Quick Response remote for CANON	Delayed Remote for CANON
Quick Response remote for SAMSUNG	Quick Response remote for PENTAX	Quick Response remote for OLYMPUS
Quick Response remote for NIKON	Quick Response remote for SONY	Delayed Remote for SONY
	<p>Approx. 5 m (16')</p>	
Video stop/start for SONY		

● Using the Infrared Signal Function in Bulb Mode

Camera Setting

- 1) Detach the MT-636 connecting cord with the camera
- 2) Adjust the camera setting

Exposure Mode	M (manual)
Shutter Speed	BULB
Interval Timer	OFF
Focus Mode	Auto Focus or Manual
Drive Mode	Remote Control  / Turn ON Infrared Remote Function

MT-636 Setting

1) Set the infrared

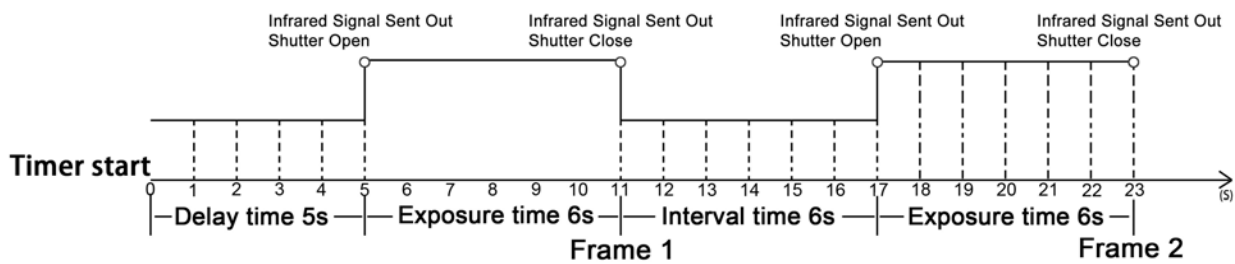
1. Use the Arrow button to set the infrared signal.
2. Press Left or Right button to move the selection cursor until it disappeared.
3. Press the Set button to go into the infrared signal section, when the infrared signal number is flashing, press the Up or Down button to edit to go into the code for your camera.
4. Press the Set button at any time to complete the operation and display the new setting for the selected item. (Do not select the delay infrared signal function when you use the infrared signal for BULB.)
5. Aim the remote control at the infrared receiver on the camera (usually within +/- 20 degree of the lens axis, from the left to the right and from the top to the bottom) and press the shutter-release button on the remote control (when using the remote outdoors, make sure that the subject is not backlit and that the line of site between the transmitter and the infrared receiver is not blocked by the lens or other obstacles).
6. When the infrared signal function is ON, each time the MT-636 controller releases shutter, the infrared will send the specific infrared signal out at the same time.
7. When press the shutter release button manually, the infrared signal will be sent out at the same time.
8. To ensure a steady signal, please remember not to remove the MT-636 when you use Infrared Signal Function.

2) Adjust the MT-636 Setting

When you using the Infrared signal function in BULB mode, MT-636 sends the first Infrared Signal to lock the shutter for BULB, the second is for unlock the shutter. Now please SET "N" to a even value, such as 2,4,6....etc.

MT-636	DE	Any Value
	BU	0s
	INT	Longer than camera shutter speed
	N	A Even Value (2,4,6....etc.)

The following illustration shows when the infrared signal send out (○) and frame taken with DE=5s, BU=0s, INT=6s, N=4. The exposure time will be the same as the interval time. The frame number you will get is $N/2$.



NOTE: Infrared cannot be seen by human eyes so you will see no visible light from the LED on the front of the remote control during operation.


End Shooting

Shooting will end automatically when the selected number of shots has been taken. To end shooting before all photographs have been taken, press the START/STOP button.

- Using the Infrared Signal Function in Non-Bulb Mode

Camera Setting

- 1) Detach the MT-636 connecting cord with the camera
- 2) Adjust the camera setting

Exposure Mode	M (manual)
Shutter Speed	A/V, P, Auto, Manual Non-BULB
Interval Timer	OFF
Focus Mode	Auto Focus or Manual
Drive Mode	Remote Control  / Turn ON infrared function

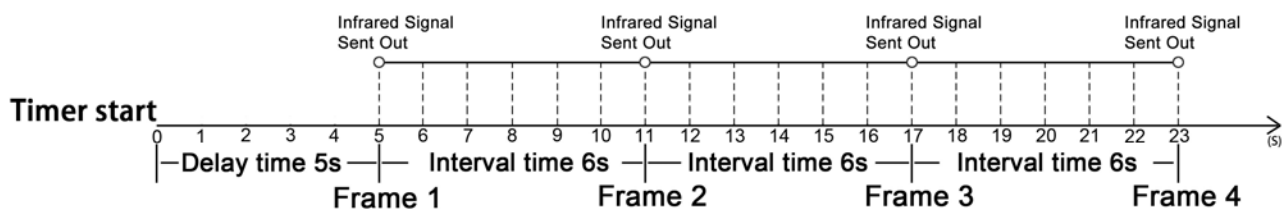
MT-636 Setting

- 1) Set the Infrared
Infrared setting is the same as “Using the Infrared Signal Function in Bulb Mode”.
- 2) Adjust the MT-636 Setting

MT-636	DE	Any Value
	BU	0s
	INT	Longer than camera shutter speed
	N	Any Value

When you using the Infrared signal function in Non-BULB mode, a picture will be taken once the MT-636 sends the Infrared Signal.

The following illustration shows when the infrared signal send out (○) and frame taken with DE=5s, BU=0s, INT=6s, N=4. The exposure time will be the same as the interval time. The frame number you will get is equal to N.



NOTE: Infrared cannot be seen by human eyes so you will see no visible light from the LED on the front of the remote control during operation.

End Shooting

Shooting will end automatically when the selected number of shots has been taken. To end shooting before all photographs have been taken, press the START/STOP button.

Specifications:

Dimensions: Approx 110 X 45 X 22 mm

Weight: Approx 72g

Battery Type: 2 AAA batteries / LR03 alkaline batteries

Operating temperature: -20-+50°C

***Wired operation requires the use of a JJC Shutter Release Cable to fit your camera. (NOT INCLUDED. SEPARATE PURCHASE REQUIRED.)**

Product Compatibility List:

CANON	NIKON	PENTAX	SAMSUNG	OLYMPUS
PANASONIC	SIGMA	LEICA	MINOLTA	SONY
FUJIFILM	KODAK			

Cable-A replaces CANON RS-80N3 / TC-80N3

Cable-B replaces NIKON MC-30 / MC-36 / MC-36A

Cable-C replaces CANON RS-60E3 / PENTAX CS-205

Cable-D replaces PANASONIC DMW-RSL1

Cable-E replaces OLYMPUS RM-CB1

Cable-F replaces MINOLTA RC-1000S/L / RM-S1AM / RM-S1LM

Cable-G replaces NIKON MC-DC1

Cable-M replaces NIKON MC-DC2

Cable-J replaces OLYMPUS RM-UC1

Cable-H replaces SIGMA CR-11

Cable-I replaces SIGMA CR-21

Cable-K replaces FUJIFILM RR-80

Cable-N replaces SAMSUNG ED-SR2NX02

Cable-O replaces FUJIFILM RR-80A

Cable-R replaces FUJIFILM RR-90

- All specifications above are based on JJC's testing standards.
- Product specifications and external appearance are subject to change without notice.

ONE YEAR UNCONDITIONAL GUARANTEE

If for any reason, this JJC product fails within ONE YEAR of the date of purchase, return this product to your JJC dealer or contact service@jjc.cc and it will be exchanged for you at no charge (not include shipping cost). JJC products are guaranteed for ONE FULL YEAR against defects in workmanship and materials. If at any time after one year, your JJC product fails under normal use, we invite you to return it to JJC for evaluation.

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