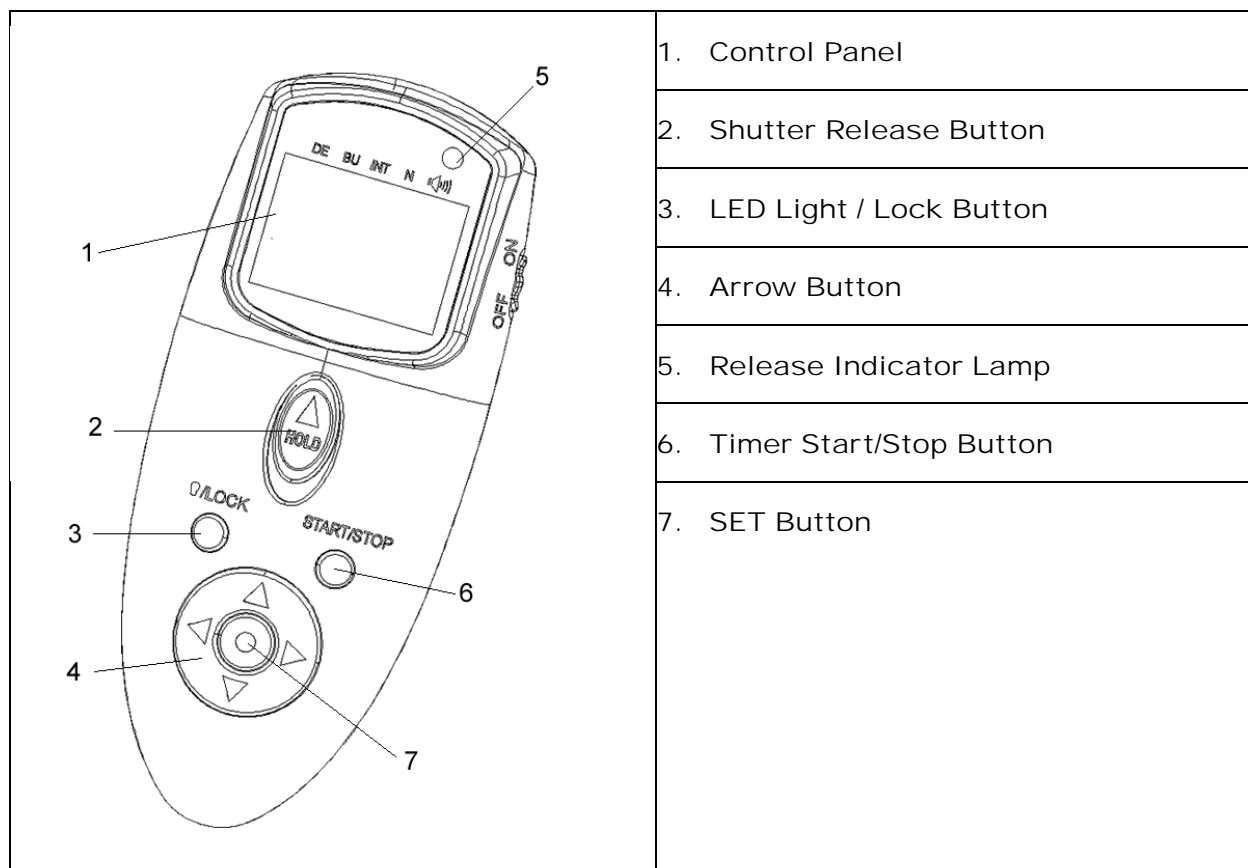# [pro]master®

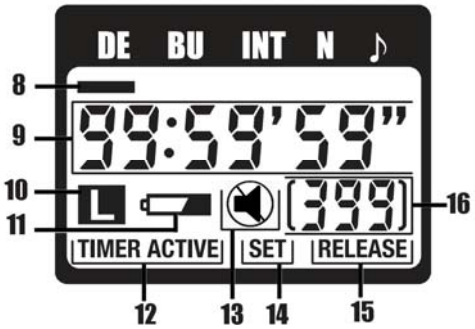# Multi-function Timer Remote

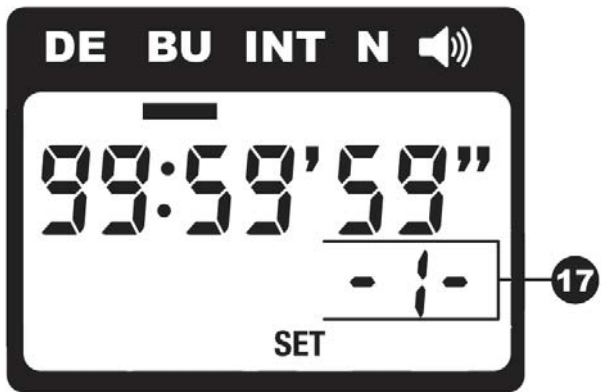*An easy-to-use remote shutter release*

Instruction Manual

Thank you for purchasing the **PROMASTER™ SystemPRO Multi-Func tion Timer Controlled Remote Shutter Release.** For the best performance, please read this manual instruction carefully before using.

Parts of remote control:

1.	**Control Panel**
2.	**Shutter Release Button**
3.	**LED Light / Lock Button**
4.	**Arrow Button**
5.	**Release Indicator Lamp**
6.	**Timer Start/Stop Button**
7.	**SET Button**
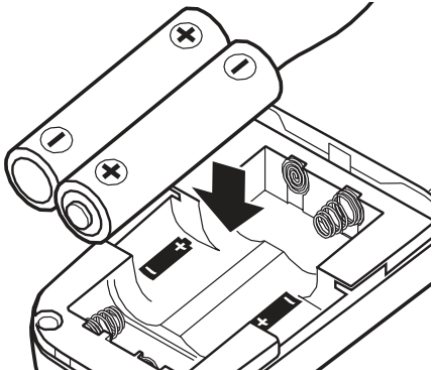
	8. Selection cursor
	9. Timer Display
	10. LOCK indicator
	11. Low power indicator
	12. Timer Active indicator
	13. Audible signal ON/OFF
	14. SET indicator
	15. RELEASE indicator
	16. Number of exposures

	17. Multi Exposure indicator

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**

Replacing Batteries:

	1. Turn OFF the remote control
	2. Turn OFF the camera and disconnect the remote control
	3. Remove the batteries (AAA 1.5V or LR03 Alkaline batteries)
	4. Insert two fresh batteries

Connecting the remote control:

1. Turn the camera and remote control OFF
2. Remove the remote socket cover from the camera
3. Connect the plug to the remote socket
4. Turn the camera and remote control ON
5. Program the desired functions of the remote control

Disconnecting the remote control:

1. Turn the camera and remote control OFF
2. Disconnect the plug from the camera body
3. Replace the remote socket cover

Setting the Automatic Function:

To set the automatic timer function, choose the Delay / Self Timer (**DE**), BULB/Long Exposure (**BU**), Interval Timer (**INT**) and number of shots for timed interval photography (Exposure Count (**N**)).

1. Camera Settings

    a) Connect the remote control to the camera and turn ON.
    b) Adjust the camera settings as indicated in the table (next page)

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

2. Setting the TIMER

Press the SET button (7). The SET icon will flash in the Control Panel (1).
Adjust the following settings

Option	Description	Supported Setting
DE	Just like the self timer on your camera, the timer remote switch allows you to set any delay (in 1 second increments) up to 99 hours, 99 minutes and 99 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 memory or 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 399.	1 to 399 exposures, --(unlimited)

♪	Audible signal ON/OFF	ON/OFF

Delay(DE), Exposure/BULB(BU) and Interval Settings (INT)
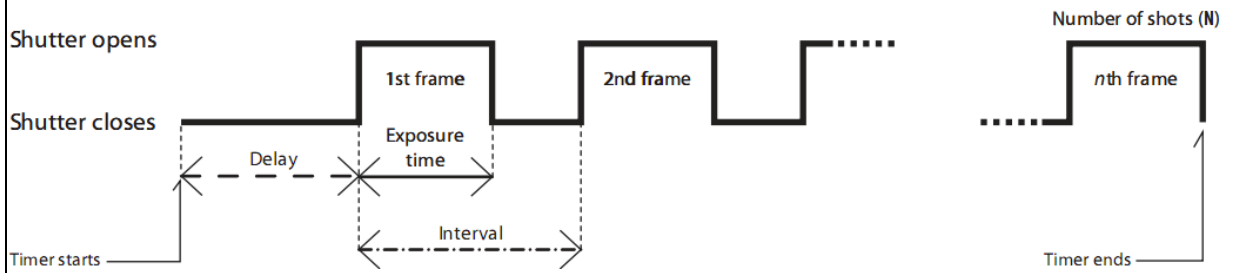
IMPORTANT: Please ensure the interval time is longer than exposure timer by at least 2 seconds.

- Use the arrow buttons 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 settings, 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.
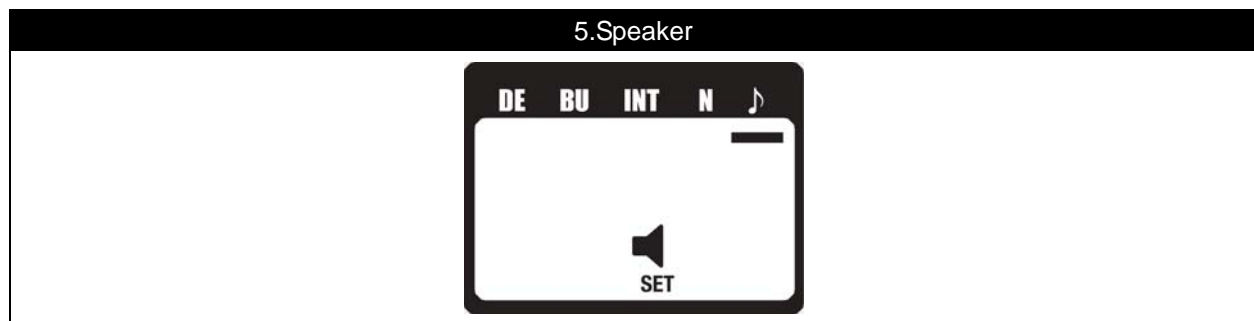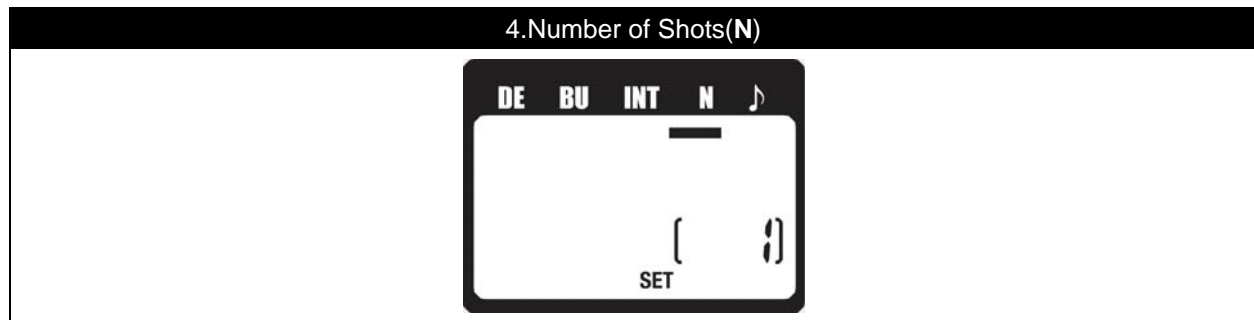
1.Delay/Self Timer (Time until shooting starts)

Hours	Minutes	Seconds

2. BULB/Long Exposure (Exposure Time)

Hours	Minutes	Seconds

3. Interval Timer (INT)

Hours	Minutes	Seconds

4.Number of Shots(**N**)

5.Speaker

To ensure correct operation, choose an interval at least two seconds longer than the exposure time. When using auto focus, 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 399 and press the arrow button up.

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

Starting 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 audible signal 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

exposures remaining will be updated each time a photograph is taken.

DE BU INT N ♪ **00:00'59"** ─ 2 🔊 [12] ─ 3 1 ─ TIMER ACTIVE RELEASE ─ 4	1. Flashes while the timer is active
	2. **Between exposures**: Time remaining until next exposure. **While shutter is open**: Time remaining until the shutter closes.
	3. Number of exposures remaining
	4. Flashes while the shutter is open

The Audible Signal and Release Lamp

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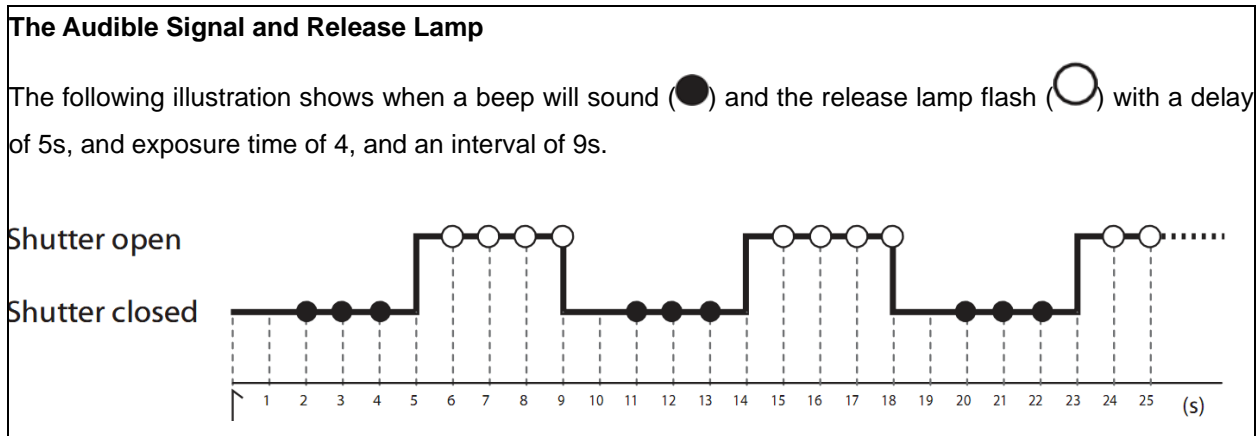
Stopping the timer

The program will end automatically when the selected number of exposures has been taken. To end the program before all photographs have been taken, press the START/STOP button.

Using the camera to select the shutter speed

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

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

REMOTE	**Exposure time**	O s
	Interval	Longer than camera shutter speed

*When using auto focus, 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:

Adjust the camera settings

1. Turn OFF the remote control. Remove the remote socket cover from the camera.
2. Connect the remote control to the camera and turn the camera ON. Select the Manual function and choose BULB as a shutter speed on the camera.
3. On the remote, press the shutter release button (2) half way to focus (if using auto focus)
4. Then fully press the shutter release button (2) to release the shutter
5. Slide the shutter release button (2) to the HOLD position. The cameras shutter will be locked OPEN.
6. Slide the shutter release button (2) in the opposite direction to release the lock.
7. Release the button to end the exposure.

LED Light / Lock Button

Press the **LED Light / Lock Button** for 1 second to turn on the LED lamp on 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 the selection cursor under BU. Press the SET button to enter the BU time section. Press the LEFT arrow button to enter the multi-exposure selection. Press the UP or DOWN button 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 item. Press the SET button to set first exposure (-1-) and press the arrow button to change exposure the time. After you have finished setting the first exposure time, press the right arrow button to move to the second (-2-) exposure time. Repeat these steps, until you reach the last exposure (-9-). To view other settings, 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 Time (HDR)

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 you finish setting the Multi-Exposure Timer, you can set the Interval Timer. When the timer is running, between each exposure the timer will wait 1s before executing the next exposure.
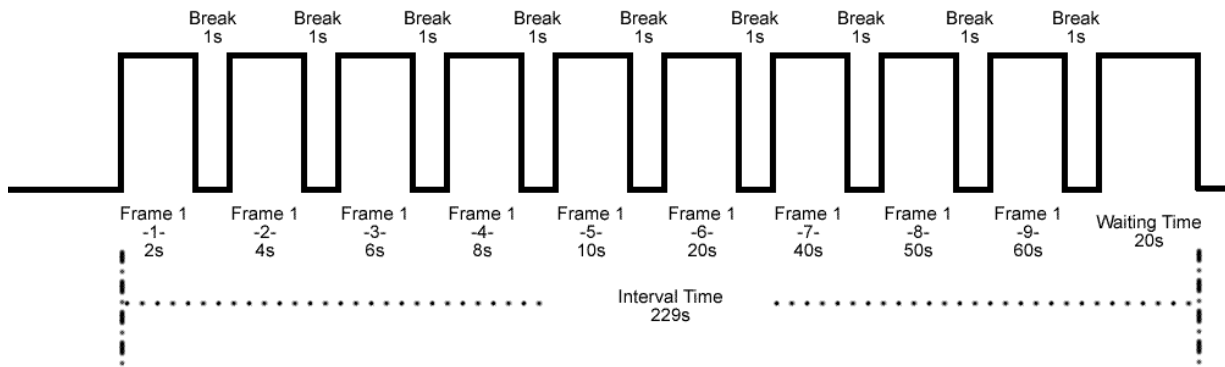
Specifications:

Dimensions: Approx 110 X 45 X 22 mm

Weight: Approx 72g

Battery Type: 2 AAA batteries / LR03 alkaline batteries

Length of cord: Approx 90cm (3meters/5meters/10merts also available)

Operating temperature: -20-+50°C

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