

Phottix Wireless Timer Remote

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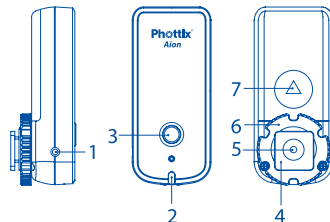
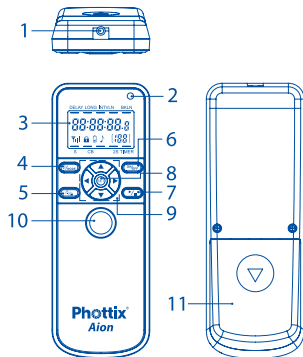


Phottix Aion Wireless Timer Instructions

Parts

Timer

1. Cable Port
2. Function LED
3. LCD Display
4. Sound / Mode Button
5. Backlight / Lock Button
6. Power Button
7. Play / Stop Button
8. Set Button
9. Adjustment buttons
10. Shutter Button
11. Battery Door



Receiver

1. Cable Port
2. Function LED
3. Power Button
4. Cold Shoe
5. 3/16 Mounting Lug
6. Locking Ring
7. Battery Door

The Phottix Aion Wireless Timer and Shutter release will work as a wired or wireless timer and remote shutter release system.

Tip: Turn off all devices – cameras, and Phottix Aion Timers or Receivers - when connecting and disconnecting devices.

Inserting batteries in Timer and Receiver

1. Press the battery cover in while pushing it away from the timer or Receiver. The battery cover will slide open.
2. Remove the battery cover.
3. Insert AAA batteries.
4. Replace the battery cover and push back into the locked position.

Turning timer and Receiver on/off

1. To turn on the Phottix Aion Timer and Receiver unit – press the Power Button.
2. To turn off the Phottix Aion Timer and Receiver unit – press the Power Button.
3. The Timer will beep and images will appear on the LCD screen when the unit powers on.

4. The Receiver's LED will flash green then red when the unit powers on. The LED will continue to flash green when the unit is on.

Turning the sound on/off

1. By default sounds on the timer unit are on. You will hear audible beeps from the Phottix Aion when it is first powered on, when starting and stopping programs or when a photo is taken.
2. When the sound function is enabled a musical symbol is visible on the LCD.
3. To disable sound press and hold the Sound / Mode Button until the sound symbol disappears.

Using the Backlight

1. Use the Backlight to illuminate the LCD screen.
2. Press and release the Backlight / Lock Button. The backlight will illuminate the LCD for approximately 10 seconds before turning off automatically.

Using the Lock Button

1. The Lock Button disabled all buttons on the timer. This can be useful when running a long multiple exposure program.
2. Press and hold the Backlight / Lock Button. A lock symbol will appear on the LCD. No buttons will function after the unit is locked.
3. To disengage: Press and hold the Backlight / Lock Button again until the lock symbol disappears.

The Wireless Signal Strength Indicator

1. The Wireless Signal Strength Indicator on the LCD shows the signal strength between the timer and Receiver if The Aion system is being used wirelessly.
2. Use this as an indication of range – when the transmitter and Receiver are within range the three bar icon will appear on the LCD.

3. When the transmitter and Receiver are not in range the three bar icon will not appear.

Function LEDs on Timer and Receiver

The Function LED on the Timer will:

1. Turn green when focusing.
2. Turn red when a photo is taken.

The Function LED on the Receiver will:

1. Flash green when the Receiver is powered on.
2. Turn to a solid green when a focus signal is received from the Timer.
3. Turn red when a photo is taken.

Connecting the Timer or Receiver to a camera

1. Turn off the timer and camera.
2. Attach a compatible Phottix Accessory Cable to the Timer or Receiver.
3. Attach the other end to camera's remote port.
4. Turn on the Timer and camera.

Disconnecting the Timer or Receiver from the camera

1. Turn off the Timer or Receiver and camera.
2. Remove the Phottix Accessory Cable from the camera's remote port.
3. Remove the Phottix Accessory Cable from the Timer or Receiver.

Using the Timer

The Phottix Aion Wireless Digital Timer has two modes: Shutter release modes and Timer mode.

Changing modes on the timer

Press the Sound / Mode Button to cycle between modes. A small indicator line will appear on the LCD over the selection. The modes are:

S: Shutter Release. A half-press of the Stutter Button will focus, a full press will open the shutter. The LED on the Timer and Receiver will light green when focus is achieved.

C: Continuous. A half-press of the Stutter Button will focus, a full press will open the shutter and take five photos. The LED on the Timer and Receiver will light red as the images are recorded. Holding the Stutter Button will result in more photos being recorded, in groups of 5.

B: Bulb. A half-press of the Stutter Button will focus, a full press will open the shutter and lock it. The LCD screen on the timer will begin to time the exposure. The LED on the Timer and Receiver will light red. To stop the exposure fully press the Stutter Button to close the shutter.

2S: 2 Second. A half-press of the Stutter Button will focus, a full press will take a photo after a two second delay. The LED on the Timer will flash green while the 2 second delay is underway and red when the image is recorded.

Timer: Gives access to the timer mode functions.

Timer Mode

Using Timer mode

1. To access the timer mode press the Sound/ Mode Button until Timer is selected on the LCD.
2. With Timer selected you have access to the following timer functions:

DELAY: Delayed Exposure - A self-timer before a photo is taken.

LONG: Long Exposure - A programmable long exposure for cameras B Bulb Mode. The shutter will stay open for the time programmed into the timer.

INTVL: Interval - The timer will take photos at the time intervals programmed into the timer.

N: Number - The number of exposures the timer

will shoot during the current program (-- being unlimited, 199 being programmable maximum.)

BKLN: Bracketed Long Exposure. Useful for low-light multiple exposure HDR images.

Setting the timer

1. Press the left or right Adjustment Buttons to select **DELAY, LONG, INTVL, N, BKLN**. A small indicator line will appear on the LCD under the selection.
2. Press the Set Button to edit the time.
3. The up and down Adjustment Buttons will change the time.
4. The left and right Adjustment Buttons will move from hours, minutes, seconds, and part seconds. The left and right Adjustment Buttons will also move to the next or previous timer function.

* The **DELAY, LONG, INTVL** and **N** functions can be used together. A program using one or all of these functions can be created.

Starting and Stopping the Timer

1. Pressing the Play / Stop Button will start programmed timer functions.
2. Pressing the Play / Stop Button will stop a running program.

The BKLN Function

The Bracketed Long Exposure function allows a group of photos to be taken at automatically exponentially changing exposure times.

1. Set the camera to B Bulb mode.
2. Selected BKLN in the timer mode.
3. Press the Set Button and the up arrow Selection Button to turn on **BKLN** mode on.
4. Set your long exposure time under the **LONG** timer mode.
5. Set the number of exposures under the **N** timer mode. The number of exposures can be set from 1 to 7.
6. Pressing the Play / Stop Button will start the program.

The Aion Timer will double the exposure time (one stop) set under the **LONG** setting for each of the number of frames set under the **N** setting.

Example:

LONG time set to .5 second.

N set to 5

With **BKLN** set to .5 second you would get the following with the above settings.

Image 1 : .5 second

Image 2 : 1 second

Image 3 : 2 seconds

Image 4 : 4 seconds

Image 5 : 8 seconds

When using this function for HDR images a little math work is required. If the proper exposure is 2 seconds and a group of 5 images are being recorded the fastest exposure, .5 second, needs to be entered on the Aion Timer. Images will be recorded based on the first exposure time entered and counted forward. Unlike bracketed exposures on a camera the Aion will not shoot faster then slower images.

Warnings

- This product is a precise electronic instrument. Do not expose to damp environments or dust.
- Do not drop or crush.
- Do not use harsh chemical(s) or solvents to clean the body. Use a soft cloth or lens paper.
- Interference: The Phottix Aion transmits and receives radio signals at 2.4 GHz. Its performance can be affected by electrical current, magnetic fields, radio signals, wireless routers, cellular phones, and other electronic devices. Environmental objects, such as large buildings or walls, trees, fences, or cars can also affect performance. If your Phottix Aion will not trigger move its location slightly.

Technical Specifications

Range:	60 meter
Batteries:	AAA
Storage Temperature:	-10 °C to 60 °C
Standby Timer:	48 Hours

Timer

Transmitting power:	≤-10dBm
Working voltage:	3.0 V
Size:	130.4 X 46.2 X 22 mm
Weight:	56.5g

Receiver

Receiving sensitivity:	-90 dBm
Working voltage:	3.0 V
Size:	85 X37.4 X30.9 mm
Weight:	37.5 g