

## **Phottix Atlas Instructions**

### **Parts**

- 1) Power Switch
- 2) WRS Mode Switch
- 3) DC Power Port
- 4) Channel Selector Switch
- 5) Test / Shutter Button
- 6) Flash Hot Shoe Connection
- 7) Camera Hot Shoe Connection
- 8) Locking Ring
- 9) Flash in/out Port
- 10) Flash out Port
- 11) Antennae
- 12) Tripod Lug
- 13) Battery Cover
- 14) Battery Compartment

**Please Note:** The Phottix Atlas' hot shoe connection is designed to fire speedlight-type flashes that are triggered by the center contact. Some flashes (by Nissin, Sigma, and other manufacturers) are not triggered by the center hot shoe contact but by specific secondary contacts. Please check your flash manual for specifics. These flashes can be fired by PC Sync if available. The Atlas is designed to work in Manual Exposure mode and no TTL functions.

**Tip:** Turn off all devices – flashes/strobes, cameras, and Phottix Atlas transceivers- when connecting and disconnecting devices.

### **Inserting Batteries**

1. Press the battery cover in while pushing it away from the Atlas. The battery cover will snap open.
2. Lift the battery cover.
3. Insert AA batteries as shown.
4. Close the battery cover and push the cover back into the locked position.

### **Test / Shutter Button**

1. The Test / Shutter Button will test fire remote flashes/strobes or take a photo when the Phottix Atlas is used as a wireless remote.
2. To Test: Press the Test / Shutter Button – remote flashes connected to Phottix Atlas transceivers on the same channel will fire.

For Wireless Remote: See **Using the Atlas as a wireless remote** below

### **Status LED**

The Status LED on the front of the Phottix Atlas will flash green when it is ready to transmit or receive signals. The LED will turn solid red when a signal is sent or received.

### **Turning units on/off**

1. To turn on the Phottix Atlas – move the power switch to the “ON” position.
2. To turn off the Phottix Atlas - move the power switch to the “OFF” position.

### **Setting Channels**

1. The Phottix Atlas has four channel settings.
2. Move the Channel Selector Switch to 1, 2, 3, or 4 to select a channel.
3. Make sure all Phottix Atlas transceivers, both on the camera and attached to flashes/strobes, are on the same channel.
4. Atlas transceivers set to channels different from the channel set on the Atlas attached to the camera will not fire.

### **Connecting to the camera hot shoe**

1. Turn off the camera and Phottix Atlas transceiver.
2. Slide the Atlas transceiver into the camera's hot shoe mount.
3. Turn the Atlas locking ring until tight.
4. Turn on the Phottix Atlas and the camera.
5. Set the camera and flash to Manual mode.

### **Connecting a flash to the Atlas hot shoe**

1. Turn off the flash and the Phottix Atlas transceiver.
2. Slide the flash into the transceiver's hot shoe mount.
3. Lock the flash with the flash's locking mechanism.
4. Turn on the flash and the Phottix Atlas.
5. Set the camera and flash to Manual mode.

\* It is not unusual for the flash to discharge once after turning on the Phottix Atlas.

### **Connecting a flash or studio light by PC sync**

1. Turn off the flash/strobe and the Phottix Atlas transceiver.
2. Connect a compatible cable to the Phottix Atlas Flash in/out port or Flash out port.
3. Connect the opposite end of the cable to the flash or studio strobe (A 6.3 mm adaptor is included for studio strobes with larger ports).

4. Turn on the flash/strobe and the Phottix Atlas. Set the camera and flash to Manual mode.

\* It is not unusual for the flash to discharge once after turning on the Phottix Atlas.

### **Connecting a local flash on a bracket**

**(The Atlas will trigger a local flash on a bracket and a remote manual flash/strobe equipped with a Phottix Atlas)**

1. Turn off the camera, flash/strobe and the Phottix Atlas transceiver.
2. Mount a Phottix Atlas in the camera's hot shoe port.
3. Connect a compatible cable to the Phottix Atlas Flash in/out port or Flash out port.
4. Connect the opposite end of the cable to the flash's PC Sync port.
5. Turn on the flash and Phottix Atlas.
6. Set the camera and flash to Manual mode.

\* It is not unusual for the flash to discharge once after turning on the Phottix Atlas.

### **Connecting two flashes / studio lights**

One Phottix Atlas can be used to trigger two studio strobes or two flashes.

Both flashes or studio strobes must be of the same brand, model, and voltage.

**DO NOT USE DIFFERENT FLASHES!** Flashes have different trigger voltages – use the same make and model.

Phottix is not responsible for damage resulting from improper use.

1. Turn off the camera, flash, and the Phottix Atlas transceiver.
2. Connect compatible cables to the Atlas Flash in/out port and Flash out port.
3. Connect the cables to two flashes or strobes.
4. Turn on the flashes/strobes, camera, and Phottix Atlas.
5. Set the camera and flash (if used) to Manual mode.

\* It is not unusual for the flash to discharge once after turning on the Phottix Atlas.

### **Connecting to the camera PC Sync Port\***

**(A flash on the camera hot shoe, the Atlas connected to the camera PC Sync port)**

1. Turn off the camera, flash, and the Phottix Atlas transceiver.
2. Connect a compatible cable to the Phottix Atlas Flash in/out port.
3. Connect the opposite end of the cable to the camera's PC Sync port.
4. Releasing the camera shutter will fire the hot shoe mounted flash, simultaneously transmitting a signal from the camera to the PC Sync attached Phottix Atlas. The Atlas will trigger any remote flashes or strobes connected to Phottix Atlas transceivers on the same channel.

\*on compatible cameras

### **Using the Atlas as a wireless remote\***

1. Turn off the camera and the Phottix Atlas transceiver.
2. Attach the correct Phottix Atlas Shutter Release Cable for your camera make and model to the Flash In/Out Port on the transceiver.
3. Attach the other end of the cable to the camera's remote port.
4. Turn on the camera and Phottix Atlas transceiver.
5. Consult your camera manual for specific settings for remote use.
6. Using a second Phottix Atlas transceiver will allow for remote wireless shutter release functions. The Atlas test button will work as a single-stage shutter button – one press will autofocus the camera and take a photo.

\* On compatible cameras

### **Using the Atlas as a wireless remote in WRS Mode\***

WRS Mode – Wireless Remote Sync Mode – allows you to use the Atlas as a wireless shutter release and fire remote flashes – in sync. Using this function requires a minimum of three Atlas transceivers – one on the camera, one to be used as a wireless remote, and one (or more) to trigger remote flashes and strobes.

1. Turn off the camera and the Phottix Atlas transceiver.
2. Slide the Atlas transceiver into the camera hot shoe.
3. Attach the correct Phottix Atlas Shutter Release Cable for your camera make and model to the Flash In/Out Port on the transceiver.
4. Attach the other end of the cable to the camera's remote port.
5. Turn on the camera and Phottix Atlas transceiver.
6. Move the WRS Mode Switch on the camera Atlas transceiver to the ON position.

Consult your camera manual for specific settings for remote use.

### **Channel Settings**

WRS Mode works using two channels – one channel for the wireless remote and the on-camera Atlas, another channel for remote flashes or strobes.

Flashes and strobes need to be set one channel higher than the two transceivers used to trigger the camera. Example:

Wireless Remote Channel	On Camera Channel	Flash/Strobe Channel
1	1	2
2	2	3
3	3	4
4	4	1

7. Set the wireless remote, on camera, and flash/strobe transceivers to the correct channels (above)

8. Using a Phottix Atlas transceiver in hand will allow for remote wireless shutter release functions. The Atlas test button will work as a single-stage shutter button – one press will autofocus the camera and take a photo.

Consult the instructions included with your Phottix Atlas Shutter Release Cable for specifics.

\* On compatible cameras

### **Using the Atlas as a wireless remote with more than one camera \***

Phottix Atlas transceivers can trigger multiple cameras when used as a wireless remote.

1. Turn off the camera and the Phottix Atlas transceiver.
2. Attach the correct Phottix Atlas Shutter Release Cable for your camera make and model to the Flash In/Out Port on the transceiver.
3. Attach the other end of the cable to the camera's remote port.
4. Turn on the camera and Phottix Atlas transceiver.
5. Repeat steps 1-4 for additional cameras, making sure the Atlas transceivers attached to the cameras and the transceiver to be used as a wireless remote are set to the same channel. \*\*
6. Position cameras.
7. Using a Phottix Atlas transceiver in hand will allow for remote wireless shutter release functions. The Atlas test/shutter button will work as a single-stage shutter button – one press will autofocus and take a photo.
8. Pressing the test/shutter button will take photos on all cameras attached to Phottix Atlas transceivers

Consult your camera manual for specific settings for remote use.

\* On compatible cameras

\*\* WRS Mode may not work correctly when multiple cameras and flashes are used.

### **Transmitter Only Mode**

The Atlas transceiver can be set to only transmit signals, not receive them. This is useful when more than one photographer is using WRS Mode on the same channels.

#### **To turn on Transmitter Only Mode:**

1. Turn off the Atlas transceiver
2. Press the Test / Shutter button while turning the Atlas back on.
3. The Status light will blink green – twice as fast as it does in regular transceiver mode.

#### **To turn off Transmitter Only Mode:**

1. Turn off the Atlas transceiver
2. Turn the Atlas transceiver back on – it will start in regular transmit / receiver mode.

### **Using with Sekonic Light Meters**

The Phottix Atlas Wireless Flash Trigger system is compatible with Sekonic L-358 (with RT-32 transmitter) and L758DR (with RT-32 transmitter) light meters. See your Sekonic manual for instructions regarding wireless flash triggering and proper metering settings.

### **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 viewfinder body. Use a soft cloth or lens paper.
- Interference: The Phottix Atlas transmits and receives radio signals at 344.04MHz. Its performance can be affected by electrical current, magnetic fields, and radio signals. Environmental objects, such as large buildings or walls, trees, fences, or cars can also affect performance. For best results position the Atlas so the antenna is vertical. If you find your flash will not trigger: 1) reposition the remote flash or strobe; 2) change the channel on the Atlas transceivers.

### **Technical Specs**

Frequency: 344.04 MHz

Distance: 200m +

Channel: 4 channels

Batteries: 2 x AA batteries

Max sync speed: 1/250 sec\*

Output: Hot shoe, 3.5 mm ports

Attachment: 1/4 tripod lug

Input voltage: 2.0-3.6 V (5V DC)

Minimum response time: 650 us

Top ports: 3.5/2.5mm

C/F port voltage handling: 400V

Flash port voltage handling: 400V

Body dimensions: 3.6x5.3x10.2cm

Antenna: 6.0x0.7cm

Weight: 140g

Operating temperature: -15—65 °C

Storage temperature: -30—85 °C

**FCC ID: XBYFKT05ZE**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:  
(1) this device may not cause harmful interference,  
and (2) this device must accept any interference received, including interference that may cause undesired operation.

changes or modifications not expressly approved by the party responsible for compliance

could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.