

# Front

fold line

fold line

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## Directions

### Mercury Limited Warranty – MicroSync

Our products are guaranteed to be free from defects. For a year from the date of purchase, Mercury Photographic will repair or replace a product free of charge if due to a manufacturing defect it stops working.

### Legal Notice

Mercury Photographic is not liable for any damages caused, including without limitation, direct, consequential or incidental loss or damage including loss of profits, expense, or inconvenience howsoever caused or arising out of the use of this product.

FCC ID: QHIMS0100

This device complies with Part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference, and accepts any interference received, even if it causes undesired operation.

Any changes or modifications to this device could void the user's authority to operate the equipment.

Patent Pending

Made in Malaysia

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57-0001

### Fire strobes

Mount the TX in the camera hotshoe. Install the RX batteries. Plug the RX in the strobe sync socket. Shoot!

Go to [www.mercuryphotographic.com](http://www.mercuryphotographic.com) for information on using MicroSync with non-hotshoe cameras and non-standard strobes.

### Trigger cameras

Connect the RX to the camera input. Trigger with the TX by hand or mounted on another camera.

Go to [www.mercuryphotographic.com](http://www.mercuryphotographic.com) for information on using MicroSync with your camera model.

### Change channel

The MicroSync has 4 channels. The MicroSync is set to channel 1 at the factory and when the battery is removed. Change the channel if another MicroSync is being used in the same space.

To change the channel, with the RX plugged in, turn the strobe on. Within 10 seconds, use a paper clip to press the channel select button to go to the next channel. The TX will automatically send the channel to the RX, and the TX and RX LEDs will confirm your channel selection.

Find out more  
[www.mercuryphotographic.com](http://www.mercuryphotographic.com)

## Tips and troubleshooting

### My MicroSync won't fire.

- The most common reasons are dead batteries and unsynchronized channels. If possible, test the strobe using a sync cable to isolate the problem.
- If the cable works, but the MicroSync doesn't, with the RX connected, turn the strobe off and on again. The RX should blink to confirm startup. If not, replace the batteries, observing the polarity.
- Within 10 seconds after the RX startup confirmation, press the TX channel button with a paper clip to synchronize the channels.
- The TX LED should blink to confirm the channel selection. If not, replace the battery, observing the polarity.
- If MicroSync still does not work, go to [www.mercuryphotographic.com/support](http://www.mercuryphotographic.com/support)

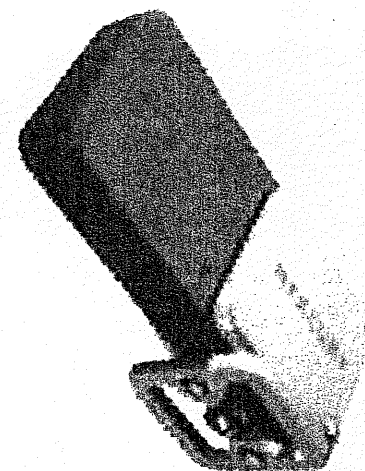
### I can't get enough range.

The MicroSync has been tested to 200 feet. Radio reflections and obstructions may reduce the range significantly, so observe the following guidelines to achieve the best range.

- Position the RX antenna vertically, and as high as possible.
- Keep your hands from covering the TX antenna.
- Avoid having metal, concrete, or water obstructions between the TX and RX.
- Relocate the RX to avoid possible local reflections.

MERCURY

## MicroSync Digital Monoplug



## User's guide

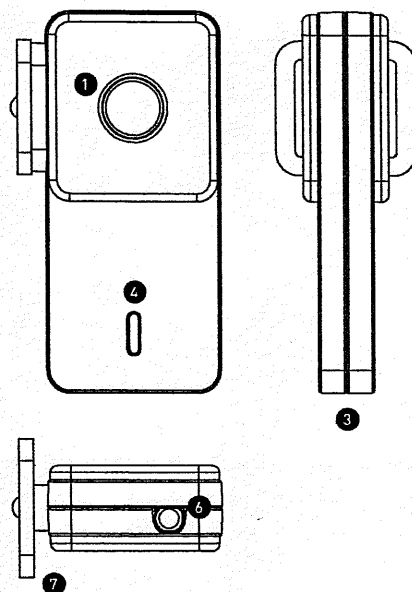
Thank you for purchasing this Mercury Photographic product. The MicroSync is designed to be the smallest, smartest wireless solution for triggering strobes and cameras. It is built to exacting standards to provide years of professional-level, creative work.

# Rack

## Operation at a glance

### TX transmitter

1. **TX button**  
Press to manually fire strobes or cameras.
2. **Channel select**  
Press this button to go to the next channel. The LED will confirm your channel selection. [see procedure above]
3. **Antenna**  
For best range position vertically and keep hands clear.
4. **LED**  
Blinks to confirm startup, transmission, channel selection, and low battery.
5. **Battery**  
Replace when LED blinks every 5 seconds, carefully observing polarity.
6. **TX input**  
Connect adaptor cord for all non-hotshoe cameras.
7. **Hotfoot**

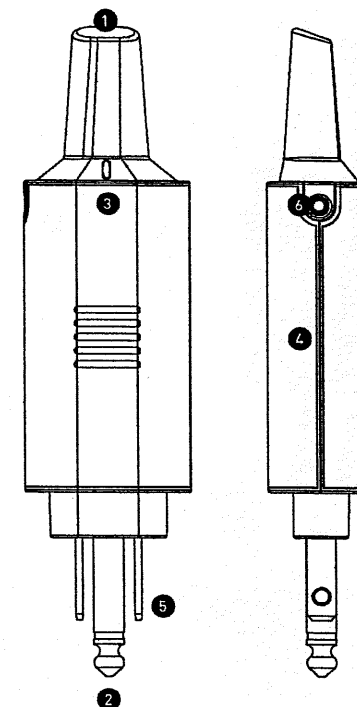


### Specifications

|                          | TX                                 | RX               |
|--------------------------|------------------------------------|------------------|
| Batteries / approx. life | CR2032 / 3 yrs                     | 2 AA / 1 yr      |
| Ports                    | hotfoot<br>2.5 mm mini phono input | monoplug         |
| Size                     | 27 x 51 x 11 mm                    | 35 x 111 x 22 mm |
| Weight incl. batteries   | 30 g                               | 180 g            |

### RX receiver

1. **RX Antenna**  
For best range position vertically, and keep clear of metal, concrete, and water.
2. **Lanyard attachment**  
Attach lanyard to hang RX from tripod or light stand.
3. **LED**  
Blinks to confirm reception, channel selection, and low battery.
4. **Batteries**  
Replace when LED blinks every 5 seconds, carefully observing polarity.
5. **Sync plug**  
Connects to sync input, or adaptor cord for shutter-release.
6. **Channel changer tool**  
[image of paper clip]



|                        |                                           |
|------------------------|-------------------------------------------|
| Max range              | 200 ft                                    |
| Max shutter sync speed | 1/180 sec                                 |
| Channels               | 4                                         |
| Frequency              | 433 MHz                                   |
| Temperature            | 10-40° C (operation)<br>0-70° C (storage) |