

MicroSync II Digital User's Guide

Thank you for purchasing the MicroSync II Digital – the smallest, smartest wireless solution for triggering strobes and cameras. It is built to exacting standards to provide years of professional-level, creative work.

Directions - To Fire Strobes

To fire strobe lights using the MicroSync II, you need a MicroSync II transmitter and a MicroSync II receiver. Follow these easy steps:

1. Insert the transmitter into the hot shoe of your camera (if your camera doesn't have a hot shoe, visit www.microsyncdigital.com to learn how to fire strobes without a hot shoe).
2. Open the receiver's battery compartment by pulling down on the slotted side of the receiver.
3. Install the 2 included "AA" batteries (observe the polarity of the batteries as indicated).
4. Plug the receiver into the sync socket of your power pack or monolight. If the plugs are not compatible, you can connect the receiver with a cable. Visit www.microsyncdigital.com for information about cables.
5. Shoot!

Directions - To remotely fire an SLR (cord required)

The MicroSync™ II Digital can be used to remotely fire most SLR cameras that have an electronic cable release input. To do this, you will need a camera firing cord for your SLR. MicroSync™ camera firing cords are available for most Canon, Nikon and Pentax digital and film SLRs.

Once you obtain the proper cord, follow these easy steps:

1. Locate the electronic shutter release input on your camera.
2. Plug the corresponding end of the cord into the camera's electronic shutter release input.
3. Plug the cord's sub-mini phone plug into the MicroSync receiver output.
4. Holding the transmitter, press the test fire button to fire the camera.

Please Note: For cameras with a "pre-focus" feature, you will need to press the test fire button for a second for the camera to focus and then fire.

To Change Channels

The MicroSync II has 16 channels. To operate, the transmitter and receiver must be on the same channel. Both the transmitter and the receiver are set to channel 1 at the factory. The receiver also automatically resets to channel 1 when the batteries are removed and re-installed.

To synchronize the channels, follow these steps:

1. Plug the receiver into the sync socket of the power pack or monolight, with the strobe turned on.
2. Stand within three feet of the receiver.
3. Press the channel select button on the transmitter. The LCD will display the current channel. Press the channel select button again to select the next channel. This must be done within 10 seconds of plugging in the receiver. The transmitter's LCD will indicate the channel selected. The receiver will automatically synchronize to the last channel selected.

Please note that after 10 seconds, the receiver will lock itself to the last selected channel. This feature ensures that another MicroSync user cannot inadvertently change the channel of your MicroSync receiver.

Tips and Troubleshooting

My MicroSync II won't fire.

The most common reasons are unsynchronized channels or dead batteries. Test the strobe independently to be sure it is firing. If the strobe works, but the MicroSync II doesn't, turn the strobe off and on again with the receiver connected. Within 10 seconds after the receiver startup confirmation, synchronize the channels (transmitter must be within three feet of receiver). The transmitter's LCD will confirm the channel selection. Both the transmitter and receiver have a low-battery indicator. If so indicated, replace the batteries, observing polarity.

I can't get enough range.

The MicroSync II 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 receiver antenna vertically, and as high as possible. Keep your hands from covering the transmitter antenna. Avoid having metal, concrete, or water obstructions between the transmitter and receiver. Relocate the receiver to avoid possible local reflections. Often moving the transmitter a few feet will solve the problem.

Specifications:

Batteries/approx. life:
Transmitter: CR2032 / 3 yrs;
Receiver: 2 AA / 1 yr

Plugs:
Transmitter: Hot Shoe;
Receiver: Interchangeable ¼" mono plug, 1/8" mono plug or household plug

Ports:
Transmitter: Sub-mini phono input 2.5 mm
Receiver: Sub-mini phono output 2.5mm

Size:
Transmitter: 54 x 22 x 33 mm
Receiver: 35 x 22 x 145 mm

Weight including Batteries:
Transmitter: 30 g
Receiver: 180 g

System Requirements:
Transmitter: Universal hot shoe;
Receiver: Power pack or monolight with sync voltage less than 100 volts

Maximum range: 200 ft

Maximum sync speed focal plane: 1/200th of a second; leaf shutter: 1/350th of a second.

Channels: 16

Frequency: 433 MHz

1 YEAR LIMITED WARRANTY

This MicroSync™ II Digital product is fully warranted to the original retail purchaser against defects in materials and workmanship for 1 year, except as noted below. This warranty shall apply to those products which have been put to the use intended by the manufacturer and does not apply to products damaged by misuse or neglect. Service under this warranty is available by forwarding the product, freight prepaid, with dated proof of purchase to Tamrac's Service Department, 9240 Jordan Avenue, Chatsworth, CA 91311, USA. If our inspection finds the product to be defective in either materials or workmanship, we will repair or replace it at our option and return it freight collect. This procedure shall be the exclusive remedy for any breach of this limited warranty. Tamrac shall not be liable for consequential or incidental damages. There are no other expressed or implied warranties, including merchantability or fitness for particular purpose,

that extend beyond the terms of this limited warranty. This warranty gives you specific legal rights, and you may also have other specific legal rights which may vary from state to state.

MicroSync products purchased outside of the United States should be returned to the place of purchase or the Tamrac distributor in that country for warranty coverage.

Modifications made to the product, unless expressly approved by Tamrac, Inc., could void the user's authority to operate the equipment.

FCC ID: UJYMS0200 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.

www.microsyncdigital.com

MicroSync™ II Digital is a Tamrac product.

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