



Smart Trigger



for use with Smart Trigger app

user manual
SD-100

Introduction

Thank you for purchasing the Satechi Bluetooth Smart Trigger! This multifunctional device allows you to control functions of your DSLR camera right from your mobile device. This user manual will show you how to get started using the Smart Trigger's three modes, as well as provide suggestions for photographic techniques that take advantage of the Smart Trigger's capabilities. Enjoy managing your DSLR camera through your mobile device with the Satechi Smart Trigger.

Components

Receiver	1
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AAA Battery	2
Remote Shutter Cable	1

Compatibility

Works with Smart Trigger Mobile App.

The Satechi Bluetooth Smart Trigger will work with any Bluetooth® Smart compatible mobile device featuring Bluetooth® 4.0 or higher.

Specifications

Product Model	SD-100
Frequency Range	ISM Band 2.4Ghz
Bluetooth Version	4.0
Bluetooth Range	50ft
Battery	AAA x2
Size	2.25" x 1.75" x 1.25"
Weight	1.77 ounces
Operating Temp.	14° – 122° F

MODES

1



Regular Shot

This mode allows your smart phone to act as a wireless shutter for your camera. Simply touch the button on your smart phone to capture a picture – perfect for including the photographer in group shots!



Manual Shot

Manual Shot mode allows you to take long exposures in bulb mode. Featuring a focus button and a shutter lock, use Manual Shot for photographic techniques like star trails and light painting.



Timed Shot

Timed Shot mode converts your smart phone to a full-featured intervalometer. Use this mode to perform advanced photography techniques like time-lapses.

OPERATION

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Replacing Batteries

Open the back of the receiver by sliding the cover out and open. You may have to re-pair the receiver to your mobile device after changing batteries; see the troubleshooting section for more information.



Multifunction Button

The button on top of the receiver functions differently depending on how long it is pressed.

1 second: reconnect to currently paired device

2-3 seconds: put the receiver in sleep mode; the light will blink slowly

>4 seconds: put the receiver in Bluetooth pairing mode

SETUP

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Step 1

Enable Bluetooth on your mobile device (typically located in settings > Bluetooth).



Step 2

From the app store, download the Smart Trigger app.



Step 3

Remove the receiver and cable from packaging. Insert the two AAA batteries in the back of the receiver. Plug the 2.5mm stereo end of the cable into the receiver, and insert the other end in the remote shutter port on your camera (typically on the side). Slide the receiver into the hot shoe port on the top of your DSLR camera.

PAIRING

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Step 4

Press and hold the top button (indicated left) for about four seconds, until the light blinks steadily. This means the receiver is in Bluetooth pairing mode.



Step 5

Open the Smart Trigger app. Go to the pairing menu by touching the top-left button, then touch "Scan" in the bottom-left. The screen should list "Smart Trigger," touch it to pair your smart phone to the receiver. Upon pairing successfully, you will automatically be directed to "Regular Shot" mode.

REGULAR

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Connection Status

Shutter Control

Regular Shot

The first mode the Smart Trigger offers is "Regular Shot," which acts as a remote shutter. Press the shutter control button to take a picture – ideal for including the photographer in a picture, or activating the shutter when your shadow or reflection would otherwise be in the way of the shot.

Regular Shot can be used in two ways – if your camera's bulb mode is "off," the picture will be based on the exposure settings of your camera. If bulb mode is "on," you can hold down the shutter control button to keep the shutter open. The shutter will close once you've released the button.



*take group shots easily
with the push of a button*

MANUAL

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Timer

Shutter Lock

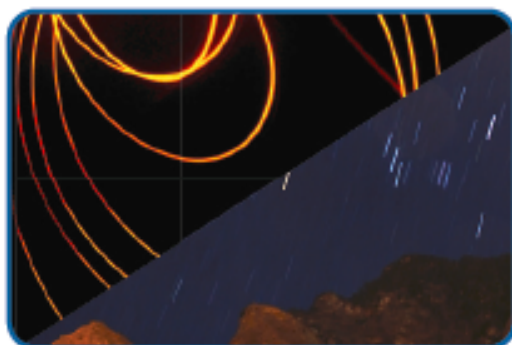
Focus

Shutter Control

Manual Shot

The second mode in the Smart Trigger app is "Manual Shot," which lets you focus the camera, as well as offers the ability to lock the shutter open and take long exposures. To use Manual Shot, your camera must have bulb mode turned "on." Use the focus button to focus the camera, and slide the shutter lock switch to "on" to lock the shutter open. You can also use the shutter control button as in Regular Shot mode.

Manual Shot is perfect for intermediate photography techniques like light painting and star trails. Lock the shutter open to take long exposures, which will capture all the movement that occurs during the exposure. It is recommended to use a tripod or to keep the camera still in this mode.



*use long exposure times to
capture moving trails of light*

TIMED

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Reset Settings

Timer

Focus

Shutter Control

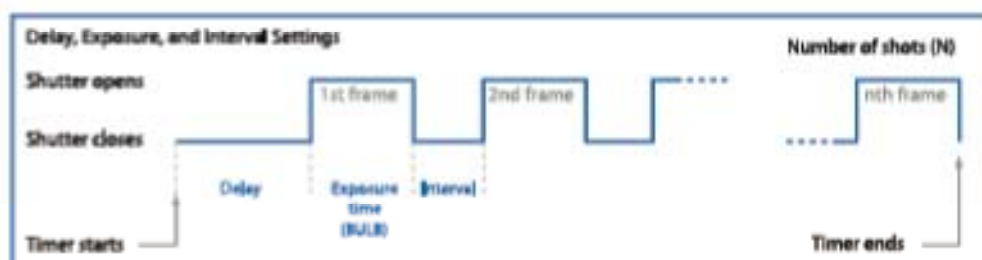
Infinite On/Off

*Intervalometer
Settings*

Timed Shot

The final and most advanced mode of the Smart Trigger is "Timed Shot." This mode turns your smart phone into a full-featured intervalometer, letting you take sequences of shots at pre-determined intervals. Use the "Delay", "Bulb", and "Interval" settings to control your exposure sequence. "Delay" is the amount of time before the first exposure, "Bulb" is the exposure length (how long the shutter is open), and "Interval" controls the amount of time between exposures. You can also control the number of shots in your sequence with the "#" setting, or set the number of shots to "Infinite" to keep taking exposures until you press the shutter control button. For more information on how these settings work with each other, refer to the chart at the bottom of this page.

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TIMED

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Timed Shot *Continued*

Timed Shot is meant to be used with bulb mode on your camera turned “on,” though you can use your own exposure settings by setting “Bulb” to one second in the Smart Trigger app.

Timed Shot mode is great for taking sequences of pictures at specified intervals, which is especially useful in time-lapse photography. You can use Timed Shot to take a series of photos over a period time, then use software (not included) to stitch the photos into a time-lapse video.



Take sequences of pictures to show movement over time

TROUBLESHOOT

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FAQ

Q: How does the top button on top of the receiver work?

A: The receiver button functions differently depending on how long it is pressed. Press for one second to reconnect to the currently paired smart phone. Press between two and three seconds to enter "sleep" mode; the light on the receiver will blink slowly. Press for longer than four seconds to put the receiver in pairing mode.

Q: In the Smart Trigger app, the "Focus" button isn't working.

A: On your camera, ensure that you are set to "Auto Focus," not "Manual Focus."

Q: Can't reconnect / re-pair my Smart Trigger receiver to my smart phone.

A: To re-pair the receiver to your smart phone, it must be deleted from your phone in two locations. First, open the Smart Trigger app and navigate to the scan menu. Delete the receiver from this list. Next, in your phone's settings navigate to your Bluetooth menu. Delete the receiver from your device list. Put the receiver in pairing mode by holding the top button until the light blinks steadily, then open the Smart Trigger app on your smart phone and scan for devices again. The receiver should now pair properly.

SAFETY

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Important Safety Information

To prevent damage to your product or injury to yourself or others, please read the following safety precautions in their entirety before using equipment.

- Keep batteries away from children. If swallowed, contact a doctor immediately.
- A battery should be properly disposed of according to local regulations.
- If not disposed of properly, batteries can be harmful. Protect the environment by taking exhausted batteries to authorised disposal stations.
- Do not expose to high temperatures.
- Do not disassemble.
- Do not allow metal objects to contact or short-circuit the battery terminals.
- Do not incinerate or expose to fire.
- Do not expose to water
- Risk of explosion if battery is replaced by an incorrect type.
- Turn device off immediately in even of a malfunction

COMPLIANCE

FCC Class B Information

This device has been tested and found to comply with the limits of 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 unit 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 or television reception. 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, you are 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 the 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/television technician for help.

Any changes or modifications not expressly approved by Satechi could void the user's authority to operate this equipment.

FCC Part 15.19

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.

Modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment under FCC rules.

SUPPORT

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Limited Warranty

Satechi warrants this product to be free from defects in materials and workmanship for 1 year. If this product is found to be defective within that time, we will repair or replace it. This warranty does not cover accidental damage, wear and tear, or consequential or incidental loss. Under no conditions is Satechi liable for loss of, or damage to devices; nor loss of, or damage to, programs, records, or data; nor any consequential or incidental damages, even if Satechi has been informed of their possibility. This warranty does not affect your statutory rights.

Support

If you have any questions, comments, or concerns about your Satechi product, please contact us first.

Phone: 858-268-1800

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