

SOLOSHOT2

the *NEXT GENERATION* robot cameraman

base & tag user guide



Important Usage Instructions

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.

This device meets the requirements for RF exposure to humans when worn on the upper arm or against the body. In order to comply with FCC standards, this device should not be used in any other application other than that described in this manual.

This device complies with Part 15 of the FCC rules. Changes or modifications to the device not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

When the transmitter is worn on the body, there may be increased risk of injury if the remote strikes a solid object or the ground. The transmitter has been designed to be worn as an armband for use in surfing, but for other sporting activities, it may be preferable to be placed elsewhere (such as on the outside of a helmet or attached to a vehicle if used in motor sports). There is no one recommendation as it depends on the activity, terrain, aggressiveness of the activity, and specific use. By using SOLOSHOT, user agrees to assume all risk and not hold Soloshot Inc. liable for injuries or damages in any way.

WARNING  **WARNING - CHOKING HAZARD - CONTAINS SMALL PARTS. KEEP OUT OF REACH OF CHILDREN.**
WARNING - STRANGULATION HAZARD - CONTAINS A LONG POWER CORD THAT MAY CAUSE STRANGULATION IF USED IMPROPERLY. KEEP OUT OF REACH OF SMALL CHILDREN.
TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE. (SOLOSHOT BASE)
TO REDUCE THE RISK OF ELECTRICAL SHOCK AND TO PREVENT UNDESIRABLE INTERFERENCE, ONLY USE THE RECOMMENDED ACCESSORIES.

COPYRIGHT WARNING: Unauthorized recording of copyrighted materials may infringe on the rights of copyright owners and be contrary to copyright laws.

CAUTION: Do not expose this product to excessive heat such as the inside of a car under direct sunlight, fire etc. To reduce the risk of electrical shock, do not dis-assemble the base station. No user-serviceable parts inside. Refer servicing to qualified service personnel. Warranty voided if unauthorized service is performed.

CAUTION: Do not place more than a well balanced 5 lb load on the SOLOSHOT base.

CAUTION: To prevent electric shock, fully insert plug while charging.



Contains li-polymer battery. Battery must be recycled or disposed of properly.

Important Safety Instructions

In these safety instructions the word "product" refers to SOLOSHOT2 including the BASE, TAG and all of it's accessories.

1. Read Instructions - All safety and operating instructions should be read completely and understood completely before the product is operated.
2. Retain Instructions - These safety and operating instructions should be retained for future reference. The operator of this equipment should, from time to time, review the manufacturers website for any new or revised instructions, warnings and safety information.
3. Heed Warnings - All warnings on the product and in the operating instructions should be read, understood and adhered to.
4. Follow all instructions.
5. Do not expose BASE directly to water.
6. Do not place any part of SOLOSHOT2 near any heat sources such as radiators, heat registers, ovens, stoves, or other apparatus (including amplifiers) that produce heat.
7. Only use attachments and accessories specified or approved by the manufacturer of SOLOSHOT2.
8. Unplug this apparatus during lightning storms or when unused for long periods of time.
9. Refer all servicing to qualified service personnel approved by the manufacturer. Servicing is required when the apparatus has been damaged in any way, including power-supply cord or plug damage, liquids have been spilled into or around the BASE or CHARGER or objects have fallen into the apparatus, the BASE or CHARGER has been exposed to rain or moisture, does not operate normally, or has been dropped.
10. Follow Instructions - All operating and maintenance instructions should be followed.
11. Cleaning - Clean BASE and TAG separately. Clean BASE only with a dry cloth. Unplug BASE from the wall outlet and completely detach CHARGER from BASE before cleaning. Only use a clean dry cloth to clean the external surfaces of BASE. Do not use liquid or aerosol cleaners on BASE. Clean the TAG only by rinsing in fresh water. The product should be cleaned only as recommended in this manual.
12. Accessories - Only use accessories recommended in this manual as all other accessories may be hazardous.
13. Avoid magnetic or electric fields - Do not use SOLOSHOT2 close to TV transmitters, portable communication devices or other sources of electric or magnetic radiation. They may cause interference or permanent damage to your SOLOSHOT2.
14. Water and moisture - ELECTRIC SHOCK HAZARD - Do not expose BASE or CHARGER to wet environments. The TAG is waterproof up to 10 ft but BASE and CHARGER are NOT waterproof or water resistant.
15. The TYP60-0901500u Compact Power Adapter (CHARGER) should be operated only from the type of power source indicated on the marking label (AC100 to 240V). If you are not sure of the power supply in your home, consult your local power company. **ONLY USE CHARGER AS DESCRIBED IN THIS INSTRUCTION MANUAL.**
16. Power Cord Protection - The power cord of the CHARGER should be routed such that it is NOT likely to be walked on or pinched by items placed upon or against it. Pay particular attention to plugs and the point from which the cords exit the product.
17. Objects and Liquid Entry - Never push objects of any kind into or through openings of BASE or TAG as they may touch dangerous voltage points or short-out parts that could result in fire or electric shock or damage to product. Be careful not to spill liquids of any kind on BASE or CHARGER.
18. Servicing - Do not attempt to service any part of SOLOSHOT2 yourself as opening or removing covers or otherwise removing or altering any component of SOLOSHOT2 may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel. Any attempt to access internal components will void manufacturers warranty.
19. Rinse TAG, CLIP and ARMBAND in fresh water after use in salt water.



Safety and Handling Review full Safety and Handling information in the SOLOSHOT2 User Guide

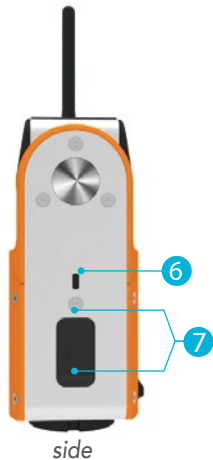
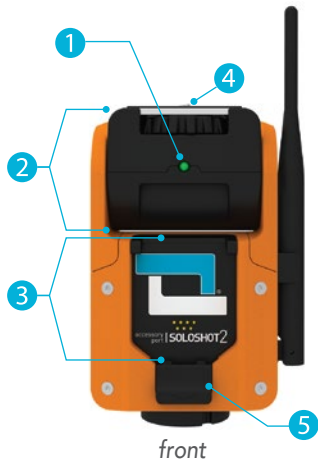
Videos and Tutorials For SOLOSHOT videos and tutorials visit www.soloshot.com/videos

Customer Service Call us at 1.866.347.0869, M-F 9am-5pm CST, or email us at info@soloshot.com

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BASE

- 1. Tracking LED
- 2. Tilt Drum
- 3. Accessory Port
- 4. Mounting Screw
- 5. Accessory Release Button
- 6. K-Lock Port
- 7. USB Ports (Mini & USB 2.0)



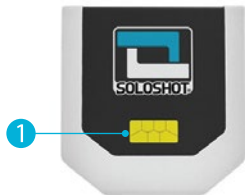
BASE

- 7. Power Button
- 8. Mode Button
- 9. Pairing Button
- 10. Pan/Tilt Buttons
- 11. Mode LEDs
- 12. Antenna
- 13. Tripod Socket



TAG

1. Charging/Docking Contact
2. Power Button
3. Pairing Button
4. Status LEDs
5. Top Surface





TRIPOD TOOL



CHARGING CABLE



CLIP



ARM BAND

IMPORTANT!

You **MUST** read and understand the Cheat Sheet that came with your product so you understand **BASIC** set up, pairing and calibration before attempting the advanced settings described in this manual.

SOLOSHOT is a robot! It assumes that you have **FOLLOWED THESE INSTRUCTIONS**. While robots **FREE** us from repetitive and time-consuming tasks, they do not replace **HUMAN CREATIVITY**. So, please enjoy your freedom and get creative!

IMPORTANT

Automatic tracking only works
OUTDOORS in wide open spaces!

BASE MUST REMAIN STATIONARY
AFTER SETUP!

USING A CAMERA CONTROLLER
ACCESSORY? Refer to the Cheat Sheet and
Manual enclosed with that product.



LISTEN!



IMPORTANT

Tag is waterproof to 20 ft and shockproof to a free-fall from 10 ft!

CARE INSTRUCTIONS!

Rinse your Tag in fresh water after use (especially in SALT WATER)!
Wipe the Charging/Docking Contacts on Tag before charging or firmware upgrades.

IMPORTANT

Base is NOT waterproof, weather resistant or shock resistant! Treat with care!

CARE INSTRUCTIONS!

Do not use water to clean your Base! Only wipe down with a clean dry cloth and use compressed air to clear debris or sand from the gold pins and the Tilt Drum Area.



Using Advanced Settings

SOLOSHOT offers a variety of Modes designed for various sports, shooting styles and situations. Each of the six LEDs on the back of the Base represents a Setting (indicated by LED#) that can be toggled between different Modes (indicated by LED color).

Cycle through the Setting LEDs by quickly pressing and releasing the  BUTTON. The active Setting LED will flash.

Cycle through the various Modes within the active Setting by pressing the  BUTTON. The flashing LED will change color as you cycle through the available Modes.



Setting & Mode Indicators

LED 1 Tilt Settings

GREEN = **Surf & Turf Mode** – Ideal for sports involving a large, generally level playing field like Surfing, Park Skating & Soccer.

RED = **Big Altitude Mode** – Great for sports with large altitude changes like Skydiving & Snowboarding. *NOTE – this mode is less accurate and therefore requires a wider frame to ensure most of the action is captured. (See page 18 to learn more.)*

ORANGE = **Pan Only Mode** – Great for filmmaking where panning alone has the desired cinematic effect. Set the tilt manually and it will not change during use.



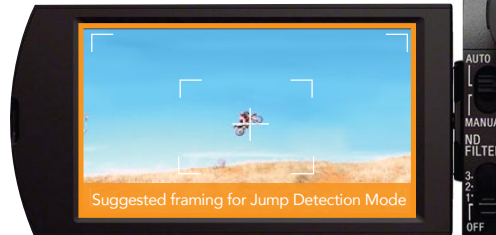
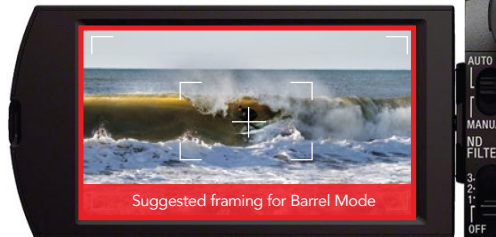
LED 2 Specialty Settings

GREEN = **Standard Mode** (default) – Base tracks Tag based on LED#1 setting.

RED = **Barrel Mode** – Base assumes lost communication with Tag is due to getting barreled and continues to track for 8 seconds or until communication with Tag is reestablished.

ORANGE = **Jump Detection Mode** – Designed for activities that include large jumps on a mostly level surface, like kiteboarding, BMX or motocross. Jump Detection adds jump-based tilt to Surf & Turf mode so you can get tighter shots AND capture the jumps.

(NOT available in **Big Altitude Mode**)



LED 3 Zoom Settings

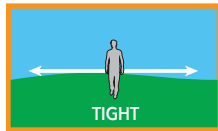
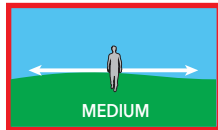
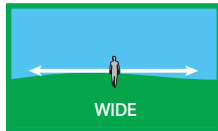
**Only available when Camera Controller is connected.*

GREEN = **Wide Frame Mode** – Camera Controller automatically adjusts zoom AND tilt to maintain a wide shot as the Tag moves closer to or farther away from the Base

RED = **Medium Frame** – Camera Controller automatically adjusts zoom AND tilt to maintain a medium width shot as the Tag moves closer to or farther away from the Base

ORANGE = **Tight Frame Mode** - Camera Controller automatically adjusts zoom AND tilt to maintain a tight shot as the Tag moves closer to or farther away from the Base

NOTE: The subject is less likely to stay centered in the frame as the shots get tighter. Over-aggressive zooming in some situations can cause the subject to periodically go out of the frame. In Big Altitude Mode all of the zoom setting frame sizes are 50% larger than in the Surf & Turf and Pan Only modes.



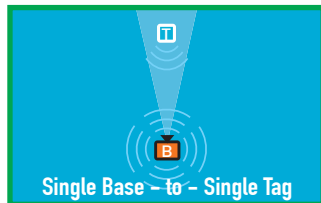
LED 4 Single/Multi Settings

Toggle to Multi Mode in order to track multiple Tags from the same Base.

GREEN = Single Mode (default)

RED = Multi Mode

SEE PAGES 25 - 40 FOR DETAILED DESCRIPTION OF
CREATING & MANAGING MULTI SYSTEMS.



LED 5 Multi Mode Settings

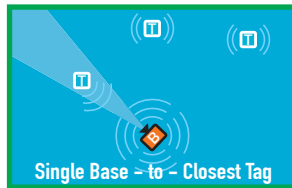
only available in Multi Mode

Use this setting to tell the Base when to switch between Tags.

GREEN = **Closest Mode** - Base will follow the closest Tag

RED = **Fastest Mode** - Base will follow the fastest Tag

ORANGE = **Follow Me Mode** - Allows a Tag to "call" the Base by pressing its  BUTTON or by firmly tapping the white side of the Tag three times in rapid succession.



SEE PAGES 25 - 40 FOR DETAILED DESCRIPTION OF CREATING & MANAGING MULTI SYSTEMS.

LED 6 Multi Mode Record Settings

**Only available if Multi Mode is ON and Camera Controller is connected to a supported camera.*

GREEN = Cut Mode - creates a new video file each time the Base switches between Tags

RED = Continuous Mode – continuous video recording when the Base switches between Tags

These Modes assume that all Tags being tracked are set to camera **record**. If the Base switches to a Tag that is set to camera **standby**, the camera will stop recording regardless of the Multi Mode Record Setting. See page 19 for detailed instructions on how to toggle a Tag between **record** and **standby**.

SEE PAGES 25 - 40 FOR DETAILED DESCRIPTION OF CREATING & MANAGING MULTI SYSTEMS.

	LED 1 Tilt Settings	LED 2 Specialty Settings	LED 3* Zoom Settings	TIPS
Surfing			ANY	Try Fastest or Follow Me in Multi Mode.
Field Sports			ANY	Tag the ref and use Wide for an interesting perspective.
Kiteboarding	 or 	 or 		Compare Surf & Turf + Jump Detection versus Big Altitude and see what works best for you.
Wakeboarding			 or 	Set up a Base near a slider and set to Multi Mode + closest (pg 34) to film each Tagged rider as they hit it
Downhill Sports			 or 	Zoom window sizes are 50% larger in Big Altitude Mode. Try Tight or Medium for downhill sports.
Motocross - Terrain	 or 			Compare Surf and Turf + Jump Detection versus Big Altitude and see what works best for you.
Skydiving				Set your Base up at the landing zone and capture yourself as you swoop in. Shoot as wide as possible.

* Requires Camera Controller Accessory. Sold separately.

* **Manually Offset Your Centering Position**

While in Surf & Turf Mode, your Base will automatically adjust its tilt to keep your feet on an imaginary line separating the bottom third and middle third of the screen and centered horizontally. While in Big Altitude Mode, your Base will automatically adjust its tilt to keep your Tag in the center of the screen. However, you can use the PAN and TILT arrows to manually offset your position on the screen. For example, a kite boarder might want to offset their position towards the bottom of the screen so that their kite is included in the shot.

ONLY ADJUST YOUR CENTERING AFTER YOU HAVE COMPLETED STEP 9.

NOTE: any vertical offsets you make will ONLY be present in the current tilt mode. For example: shifting your position while in Surf and Turf Mode will not effect your position in Big Altitude Mode and vice versa.

* Calibrating in Big Altitude Mode

Use the POWER and MODE buttons on your Base to set LED1 to **RED** and perform Setup Steps 5 & 8 with the following alterations:

Step 5 - Use wider framing since vertical tracking is less accurate.

Step 8 - Walk for at least 100-150 steps prior to pairing with Base for best vertical tracking results.

NOTE: If you calibrate in Surf & Turf Mode, you can toggle to Big Altitude Mode later, but if you calibrate in Big Altitude Mode you should not switch to Surf & Turf Mode because the Base will not track properly.



KEY TIP

Go for a longer walkabout to improve tracking accuracy when using Base in Big Altitude Mode.



* Tag - Record ON/OFF Command*

By default, your Tag broadcasts a **record** command as indicated by LED3 blinking **RED**. You can tell your camera to go to **standby** by holding down the  BUTTON for 2 seconds until LED3 blinks **GREEN**. Remember: **RED** = **record**!

Your Base's tracking LED normally blinks GREEN like this:

"**blink-blink-----blink-blink-----blink-blink...**"

When a Camera Controller is properly attached and your Base receives a **record** command, the LED will switch to an extended single blink:

"**bliiiiink---bliiiiink---bliiiiink...**"

*YOUR CAMERA WILL ONLY RESPOND TO THIS COMMAND IF:

1. YOU ARE USING THE CAMERA CONTROLLER ACCESSORY
2. YOU ARE USING A SUPPORTED CAMERA
3. YOUR TAG IS IN RANGE!



* Tag - Hide Me Command

LED3 will either blink **RED** (camera recording) or **GREEN** (camera on standby) when radio is ON. You may turn OFF your Tag's radio at any time by quickly pressing the **(+)** BUTTON twice. LEDs 1, 2 and 3 will briefly turn **GREEN**, then LED1 and LED2 will turn solid **RED** (camera recording) or solid **GREEN** (camera on standby). Repeat this procedure to power your Tag's radio back ON.

TIP - Need a rest? Toggle radio off to save battery while keeping the Tag warm & paired. Filming in Multi Mode? Use Hide Me Mode to momentarily hide a Tag from the Base. Simply toggle the radio back on to rejoin the action.



Press Two Times
to Toggle Radio **ON/OFF**



*

Tag - Multi Mode Follow Me Command

Tell all Bases set to "Multi Mode + Follow Me " (pg 34) to follow your Tag by:

1. Quickly pressing the  BUTTON (will NOT automatically start recording)
2. Tapping the TOP WHITE SURFACE surface of your Tag three times quickly (will automatically start recording)



Press Once to Call Base

LEDs 1, 2 and 3 will flash **GREEN** before LED3 returns back to blinking **RED** (camera recording) or **GREEN** (camera standby). Look towards the Base for the blinking **GREEN** Tracking LED to confirm the Base is now pointing at you. To ensure that the camera is always recording when pointed at your Tag, keep your Tag in record mode (LED3 blinking **RED**) or use the "triple tap" to call the camera (automatically starts recording).

TIP - Use the "Tap to Call" method so you don't have to look at your Tag or the "+" BUTTON.

* Tag - Capture Centering Object Command*

*For use when calibrating multiple Bases (sold separately) using a single Centering Object.

After "walking about" with your warm Tag, proceed to the Centering Object and Press the **+** BUTTON 4 times in rapid succession. LEDs 1-3 will turn **GREEN** for 2 seconds before going back to their previous state indicating you have stored the Centering Object in your Tag for use later in your session.

Use this stored Centering Point to calibrate a Base by pressing the **+** BUTTON of the Tag until LED 1 turns **GREEN** (after 7 seconds). Continue pressing your Tag's **+** BUTTON and also press the **+** BUTTON on the Base that has been prepared for calibration (meaning the Base is pointed at the shared Centering Object). You may capture a NEW Centering Object at any time by pressing the **+** BUTTON 4 times rapidly. Capture Centering Object Command simplifies the set up of multiple Bases!



Press Four Times (4x) to "Capture" Centering Object. Press & Hold for 7 Seconds to use Centering Object

For best results, select a centering object that is further away than the activity you will be filming.

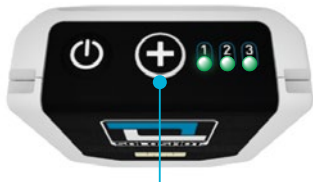
* Tag - Highlight Command*

*Same requirements as Record **ON/OFF** Command

You may tell your camera to immediately STOP and RESTART recording by:

1. Pressing the  Button, or
2. Tapping the white surface of your Tag 3 times quickly

LEDs 1 - 3 will flash **GREEN** before LED3 resumes blinking **RED** (for record command).



Press Once to Send
HIGHLIGHT Command

TIP - Sending highlight commands makes it easier to find specific moments when editing because they will be located at the end of a file.

+ BUTTON SUMMARY

Record ON/OFF*	<i>Press and hold until LED3 changes color*</i>
Radio ON/OFF	<i>Press twice to Toggle</i>
Follow Me Command	<i>Press Once (Base must be in Multi Mode + Follow Me Mode)</i>
Highlight Command*	<i>Press once* (or Tap White Surface 3 times)</i>
Capture Centering Object	<i>Press four times</i>
Use Centering Object	<i>Press and hold until LED1 turns green</i>

**Requires Camera Controller Accessory. Sold separately.*

NOTE: All **+** BUTTON presses are acknowledged by LEDs 1, 2 and 3 turning **GREEN** while the button is held.

* Creating a Multi-Device System

You create a Unique System each time you pair a Base and Tag together by pressing their  BUTTONS simultaneously during setup and calibration. You can add more Tags (sold separately) to this Unique System by pairing them to a Base or Tag that is already part of the system. A new Base or Tag may be added to the system by FIRST pressing and holding the  BUTTON of the device that is ALREADY part of the system and then pressing the  BUTTON on the device you wish to add.

NOTE: You must set each Base to Multi Mode if you want that Base to follow multiple Tags.

TIP - If you press the + buttons in the wrong order you can correct the mistake by re-pairing both to a device that is still part of the original system

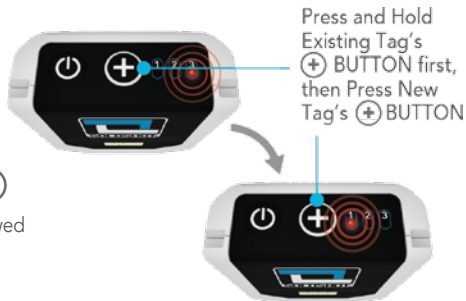
An orange and black Soloshot base station with a long antenna and a small screen.
$$\left(\text{Soloshot Base} \times \underline{\hspace{1cm}} \right) + \left(\text{Soloshot Tag} \times \underline{\hspace{1cm}} \right) = \text{UNIQUE MULTI SYSTEM}$$

You fill in the blanks. The possibilities are nearly endless.

Additional Bases and Tags sold separately. Visit Soloshot.com for more information.

Add New Tags Using A Tag

Press & hold the  BUTTON on the Tag that is already part of the system. LEDs 1, 2 and 3 will turn **GREEN**. Then press the  BUTTON on the Tag you wish to bring into the system. The new Tag's LEDs will also briefly turn **GREEN**. Once pairing is complete, LEDs 1, 2 and 3 turn **RED** on both Tags. Release both  BUTTONS and LEDs 1, 2 and 3 will turn **GREEN** for 2 seconds, followed by LED3 blinking **RED** (Tag warm) or solid **RED** (Tag not yet warm). Repeat for additional Tags you would like to add to the system.



TIP - You can pair multiple Tags together BEFORE calibrating ANY Bases. This can come in handy at events where you want to pass out multiple Tags and keep one for calibrating your Base(s).

TIP - You DO NOT need to warm up or "walkabout" Tags before pairing them together but you MUST warm up and "walkabout" a Tag before using it to calibrate a Base.

TIP - If you mistakenly press the buttons in the wrong order, (thereby creating a new system existing of just those two devices) you can correct it by pairing those devices to a device that is still part of the original system.

Add New Tags Using A Base

Press & hold the  BUTTON on an already calibrated Base before pressing the  BUTTON on the Tag you would like to add to the system. LEDs 1, 2 and 3 on the Tag will briefly turn **GREEN**, then **RED**. Release the  BUTTONs and LEDs 1, 2 and 3 will turn **GREEN** for 2 seconds, followed by LED3 blinking **RED** (Tag warm) or solid **RED** (Tag not yet warm). Repeat for additional Tags that you would like to add to the system.

TIP - You can pair tags to a calibrated Base or to other paired Tags before they are warm. This is convenient for events where you are handing out lots of Tags!



TIP - You can add and remove Tags and Bases or even combine whole systems from nearby users easily. Example: you are filming at a location for an hour and then your friend shows up with their own SOLOSHOT2, sets up and films for a while. Eventually you want to join systems so at least one of the Bases films both of you. Pair one of the Tags to the other. Each Base will continue to track the Tag it was originally paired to but one of the Bases will track BOTH tags if you place it in Multi Mode. If you want the other Bases to also track BOTH Tags, you must pair that Base into the system (no need to recalibrate) and set it to Multi Mode. To pair that Base to the combined system, press and hold the "+" Button on either Tag and then press the "+" Button of the Base. All 4 items will now share the same system ID and both Bases can track both Tags when placed in Multi Mode. Keep reading for details.

MULTIPLE TAGS

STEP 1 Turn Multi Mode ON

Your Base by default is set to Single mode (LED4 = **GREEN**) meaning it only keeps track of a single Tag. To set your Base to Multi Mode, use quick presses of the  BUTTON to cycle through the setting LEDs until LED4 is blinking. Press the mode button once to turn LED4 **RED** indicating your Base is now in Multi Tag mode.



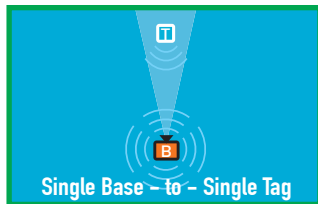
LED 4 Single/Multi Settings

Toggle to Multi Mode to track multiple Tags from the same Base.

GREEN = Single Mode (default)

RED = Multi Mode

**Extra Tags sold separately. See Extra Tag Quick Start Guide to learn how to pair multiple Tags to the same Base.*



MULTIPLE TAGS

Step 2 Set Multi Tracking Mode

When Multi Mode is on, your Base will by default track the closest Tag that is paired with the system by default as indicated by LED5 being **GREEN**. You can change this setting to Fastest Mode (**RED**) or Call Mode (**ORANGE**) using the **(M)** BUTTON.



LED 5 Multi Mode Settings

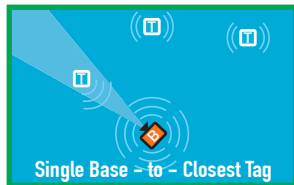
only available in Multi Mode

Use this setting to tell the Base when to switch between Tags.

GREEN = **Closest Tag Mode** - Base will follow the closest Tag

RED = **Fastest Tag Mode** - Base will follow the fastest Tag

ORANGE = **Follow Me Mode** - Allows a subject to call the Base by pressing their Tag's  BUTTON or by triple tapping their Tag (firmly tap the Tag three times in rapid succession).



MULTIPLE TAGS

STEP 3 Select Multi Mode Record Setting

**Camera Controller ACCESSORY required. Sold separately*

LED6 will be active when you have a camera controller attached to your Base AND your Base is set to Multi Mode on.

Your Base will be set to Cut Mode by default (LED6 **GREEN**). You can change this setting to Continuous Mode (**RED**), using the **(M)** BUTTON. In Cut mode, your Base will tell your camera to create a new file each time it switches between Tags to make editing and sharing easier.

See opposite page for details.



LED 6 Multi Mode Record Settings

**Only available if Multi Mode is ON and Camera Controller is connected to a supported camera.*

GREEN = Cut Mode - creates a new video file each time the Base switches between Tags

RED = Continuous Mode – continuous video recording when the Base switches between Tags

See online User Guide for detailed information on Settings, Multi Mode filming and other advanced features at www.soloshot.com.

MULTIPLE BASES

Pair Extra Base(s)* into your SOLOSHOT2 system to capture the action from multiple angles.

Extra Base(s)* can be used to:

1. Film one Tag from multiple perspectives
2. Film multiple subjects from multiple vantage points
(Requires Extra Tags, sold separately)

** Extra Bases sold separately.*



ADDING BASES - METHOD 1

Set Up Each Base Using the Same Tag and Standard Calibration

Use the same Tag to calibrate each Base using the steps described in the Cheat Sheet of this Manual. Each Base you calibrate will be in Single Mode by default (LED4 = **GREEN**) and will be tracking the Tag used to calibrate it. If you want each Base to track multiple Tags, you must set each Base to Multi Mode (LED4 = **RED**) and pair the desired Tags to the System as described on page 27 - 29.

TIP - You can adjust the settings on each Base individually to suit your needs. For example, you can set your first base to Surf & Turf Mode + Jump Detection while setting your second Base to Big Altitude Mode + Standard Tracking. Alternatively, you can have all the Bases set to the same Mode but use different zoom settings so that you have plenty of shots to choose from during editing.

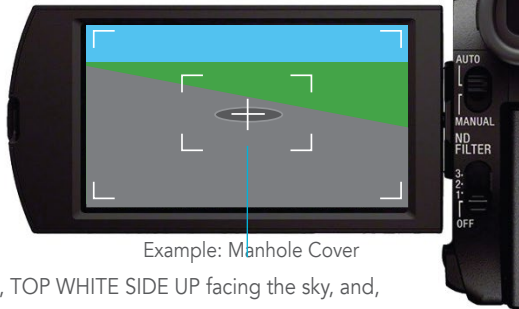
ADDING BASES - METHOD 2

Use Shared Centering Object

1. Identify a Centering Object that will be visible from all the camera locations you wish to set up.

2. Walk over to the shared Centering Object with your warm Tag, TOP WHITE SIDE UP facing the sky, and, after completing the 50 - 100 step walkabout, press the **+** BUTTON 4 times as described on pg 22. LEDs 1, 2 and 3 on your Tag will flash **GREEN** with each button press and remain **GREEN** for 2 seconds after the fourth button press indicating you have stored the Centering Object's location for later use.

TIP - Time your walk to the Centering Object so that you take 50-100 steps to ensure your Tag is warm and is ready for calibration.



3. Set up each Base as described in Steps 1-5 of the Cheat Sheet. Once each Base is set up, you can either follow the Pairing & Calibration procedure described in Step 4 below or setup and calibrate each Base one-by-one according to the steps outlined in the Cheat Sheet.
4. Perform the standard 50-100 step walkabout with your warm Tag. Press and hold the  BUTTON on your Tag towards the end of your walk and until LED1 turns **GREEN**. Continue pressing the  BUTTON and, while holding your Tag above your Camera TOP WHITE SIDE UP facing the sky, Press the  BUTTON on your Base. The LEDs on the Base will flash **RED** for a few seconds and LED3 on your Tag will blink **RED**. Once pairing AND calibration are complete, the Tracking LED on the Base will blink **GREEN**. The Base will start tracking the Tag after you have moved about 10 ft away from the Base. YOU DO NOT HAVE TO RETURN TO THE CENTERING OBJECT (STEP 9).
5. You may set up your next Base using either the standard method of the Stored Shared Centering Object.

TIP: You can switch between standard and Shared Centering Object Base calibration as you see fit. Just press and hold the Tag + BUTTON whenever you want to calibrate a base using the Shared Centering Object

CHARGING

Base

Charge the Base using the USB-to-Mini charging cable (provided) by plugging the Mini end into the corresponding socket on the SOLOSHOT2 Base and the USB end into a standard USB wall adaptor (not provided). The charging LED ⚡ will be **RED** while charging and **GREEN** when charging is complete. Charging from a computer will take up to 3x longer than charging from wall power.



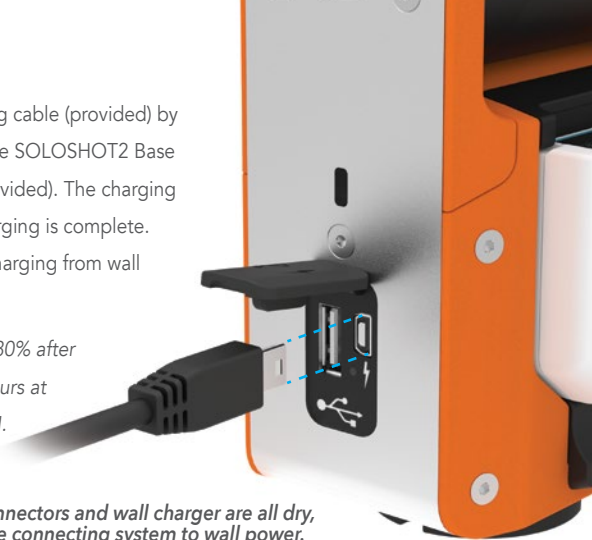
KEY TIP

Your Base will be 50% charged after 3 hours, 80% after 4 hours, 90% after 5 hours and 99% after 8 hours at which point the charging LED will turn GREEN.

WARNING



Make sure SOLOSHOT socket, cable connectors and wall charger are all dry, free from debris and undamaged before connecting system to wall power.



Tag While holding the Tag at a 45 degree angle, dock the Tag into the Base by connecting the depressions on the top of the Tag into the hooks at the top of the accessory port and then bringing the Tag toward the port until the release button clicks. The LED above the Tag's  POWER BUTTON will turn **RED** when charging and **GREEN** when fully charged. Note - the Base **MUST** also be plugged in to charge a Tag. Slide the dock button down to release the Tag.

**KEY TIP**

Your Tag will be 80% charged after 1.5 hours, 80% after 2.5 hours, 90% after 4 hours and 99% after 5 hours at which point the charging LED will turn GREEN.

WARNING

Make sure the Tag and Accessory Port are clean, dry and clear of all debris before connecting.



FIRMWARE UPDATE

Base

Check SOLOSHOT.com for the latest SOLOSHOT2 Base firmware updates. You will be provided with files named [SOLOSHOT.ss2](#) and [002.ss2](#). Copy those files to a standard USB drive. Hold **(M)** Button down, then tap the Power button while holding down **(M)** Button to put the Base in Update Mode. LED 1 will flash **RED/GREEN** indicating the Base is ready for Firmware Update. Insert USB into the standard USB socket on the side of the Base. LED 1 will turn solid **ORANGE**, LED 2 will blink **RED/GREEN**, then LED 1 and 2 will turn off and LED 3 will blink **RED/GREEN**. The Base will then return to Default Mode, where LED 1,2 and 4 will be solid **GREEN**, indicating the Base Update is complete.

NOTE – If your Base will not accept the firmware, try starting with an empty and recently formatted USB drive. The USB drive must be a USB 2.0 drive (black inside the connector).



Tag

Check SOLOSHOT.com for the latest SOLOSHOT2 Base firmware updates. You will be provided with files named 001.ss2. Copy those files to a standard USB drive. Hold  Button down, then tap the Power button while holding down  Button to put the Tag in Update Mode. The Power button will flash **RED/GREEN** indicating it is ready for Firmware Update. Dock the Tag into the accessory port and power on the Base. Insert USB drive into Base to begin the Tag Update. LED 6 on the Base will flash **RED/GREEN** while the Tag LEDs cycle **RED/GREEN** during the Update. LED 1, 2 and 3 will turn solid **GREEN**, then all will turn solid **RED**. Once LED 2 and 3 turn off and LED 1 remains a Solid **RED**, your Tag Update is complete.

NOTE – Load all 3 files onto the USB drive and put both Base and Tag into update mode to update Base and Tag simultaneously.





Safety and Handling Review full Safety and Handling information in the SOLOSHOT2 User Guide

Videos and Tutorials For SOLOSHOT videos and tutorials visit www.soloshot.com/videos

Customer Service Call us at 1.866.347.0869, M-F 9am-5pm CST, or email us at info@soloshot.com



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