Find thousands more
great ideas online

Brookstone®

792593

Merrimack, New Hampshire USA 03054 ▪ 800-846-3000 ▪ Brookstone.com

Brookstone®

Rover 2.0
THE APP-CONTROLLED WIRELESS SPY TANK

For ages 14+

TABLE OF CONTENTS

NOTES

NOTES

ROVER 2.0 QUICK START GUIDE
IF YOU READ NOTHING ELSE, READ THIS:

1 Download the Rover 2.0's free App from the iTunes® App Store™ (for Apple® devices), or Google Play™ (for Andriod devices), and attach Rover 2.0's antenna and insert its batteries.

2 Slide Rover 2.0's power switch to "on" and when the green LED blinks, go to the Wi-Fi® connection in the settings menu on your device to sync.

3 Open the Rover 2.0 App. The driving controls and live video will appear on your device's screen. You are now ready to *ROLL!*

For more detailed instruction, check out the steps starting on page 9.

792593_INS1211_Rover 2.0_Size:5"Wx4.7

IMPORTANT SAFETY INSTRUCTIONS

All of the safety and operating instructions should be read, adhered to and followed before the unit is operated.

WARNING

1.   Close supervision is necessary when this unit is used by or near children or mentally disabled individuals.

2.   This product can be used to share content with Social Media Websites. Adult supervision is required.

3.   Use this unit only for its intended use as described in this manual.

4.   The unit should be situated away from direct sunlight or heat sources such as radiators, electric heaters, heat registers, stoves or other units that produce heat.

5.   To comply with FCC's RF radiation exposure limits for general population/uncontrolled exposure, the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be collocated or operating in conjunction with any other antenna or transmitter.

suppliers other than Brookstone may provide their own warranties to the purchaser, but Brookstone, in so far as permitted by law, provides these products "as is." This warranty does not apply to: a) damage caused by failure to follow instructions relating to product's use or the installation of components; b) damage caused by accident, abuse, misuse, fire, floods, earthquake or other external causes; c) damage caused by service performed by anyone who is not a representative of Brookstone; d) accessories used in conjunction with a covered product; e) a product or part that has been modified to alter functionality or capability; f) items intended to be periodically replaced by the purchaser during the normal life of the product including, without limitation, batteries or light bulbs; g) any product sold "as is" including, without limitation, floor demonstration models and refurbished items; or h) a product that is used commercially or for a commercial purpose.

BROOKSTONE SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BRSULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF A NY BREACH OF THIS WARRANTY. TO THE EXTENT PERMITTED BY APPLICABLE LAW, BROOKSTONE DISCLAIMS ANY AND ALL STATUTORY OR IMPLIED WARRANTIES,INCLUDING,WITHOUT LIMITATION, EARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND WARRANTIES AGAINST HIDDEN OR LATENT DEFECTS. IF BROOKSTONE CAN NOT LAWFULLY DISCLAIM STATUTORY OR IMPLIED WARRANTIES SHALL BE LIMITED IN DURATION TO THE DURATION OF THIS EXPRESS WARRANTY.

Some states disallow the exclusion or limitation of incidental or consequential damages or how long an implied warranty lasts, so the above exclusions or limitations may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.

ONE (1) YEAR LIMITED WARRANTY

Brookstone® warrants this product against defects in materials and/or workmanship under normal use for a period of ONE (1) YEAR from the date of purchase by the original purchaser ("Warranty Period"). If a defect arises and a valid claim is received within the Warranty Period, at its option, Brookstone will either 1) repair the defect at no charge, using new or refurbished replacement parts, or 2) replace the product with a new product that is at least functionally equivalent to the original product, or 3) provide a store credit in the amount of the purchase price of the original product. A replacement product or part, including a user-installable part installed in accordance with instructions provided by Brookstone, assumes the remaining warranty of the original product. When a product or part is exchanged, any replacement item becomes your property and the replaced item becomes Brookstone's property. When a store credit is given, the original product must be returned to Brookstone and becomes Brookstone's property.

Obtaining Service: To obtain warranty service, call Brookstone Limited Warranty Service at 1-800-292-9819. Please be prepared to describe the product that needs service and the nature of the problem. A purchase receipt is required. All repairs and replacements must be authorized in advance. Service options, parts availability and response times will vary. You are responsible for delivery and the cost of delivery of the product or any parts to the authorized service center for replacement, per our instructions.

Limits and Exclusions: Coverage under this Limited Warranty is limited to the United States of America, including the District of Columbia and the U.S. Territories of Guam, Puerto Rico, and the U.S. Virgin Islands. This Limited Warranty applies only to products manufactured for Brookstone that can be identified by the "Brookstone" trademark, trade name, or logo affixed to them or their packaging. The Limited Warranty does not apply to any non-Brookstone products. Manufacturers or

CAUTION

- For ages 14 and up.
- Keep the Rover 2.0 away from face, eyes and hair at all times. Keep fingers away from wheels and trac-belts while they are in motion.
- Make sure there are no insurmountable obstacles or breakable objects in the Rover 2.0's path.
- Do not drop in, spray with or submerge unit in water.

CHOKING

WARNING: This product may contain small parts which may pose a choking hazard to children.

BATTERY PRECAUTIONS

- Dispose of the old batteries properly. Do not dispose of the old batteries in a fire.
- Do not leave the batteries where a child or pet could play with or swallow them. If the batteries are swallowed, contact a physician immediately.
- The batteries may explode if mistreated. Do not attempt to recharge or disassemble the batteries.
- Use only fresh batteries of the required size and type. Do not mix old and new batteries, different types of batteries or rechargeable batteries of different capacities.

FCC INFOR M ATION FCC ID : ZRB792593

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.

2) This device must accept any interference received including interference that may cause undesired operation.

WARNING:　　Changes or modifications to this unit 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 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 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 and 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 to 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.

5

iPhone 3GS
iPad (3rd generation)
iPad 2
iPad
Android 2.2 and later
Apple iOS: 5.1 and later

Why does my Rover 2.0 drift to the left or right?

Rover 2.0 is designed to drive like a tank. There are independent steering cont for the left and right wheels so some drifting is normal. Uneven surfaces may also cause drifting.

Are there replacement parts available for my Rover 2.0?

Visit Brookstone.com or call customer service at 800-846-3000 for availability of replacement parts for Rover 2.0.

Why will G Drive not activate?

The angle of the device may be out of range for G Drive activation. Please see fu instruction on how to activate G Drive on page 16.

26

- *Your device is compatible with Rover 2.0:*

    iPod touch (3rd and 4th generations)
    iPhone 4S
    iPhone 4
    iPhone 3GS
    iPad (3rd generation)
    iPad 2
    iPad
    Android 2.2 and later
    Apple iOS: 5.1 and later

Why does the audio on my Rover 2.0 have feedback?

Your device may be too close to Rover 2.0 or your volume setting may be too high.

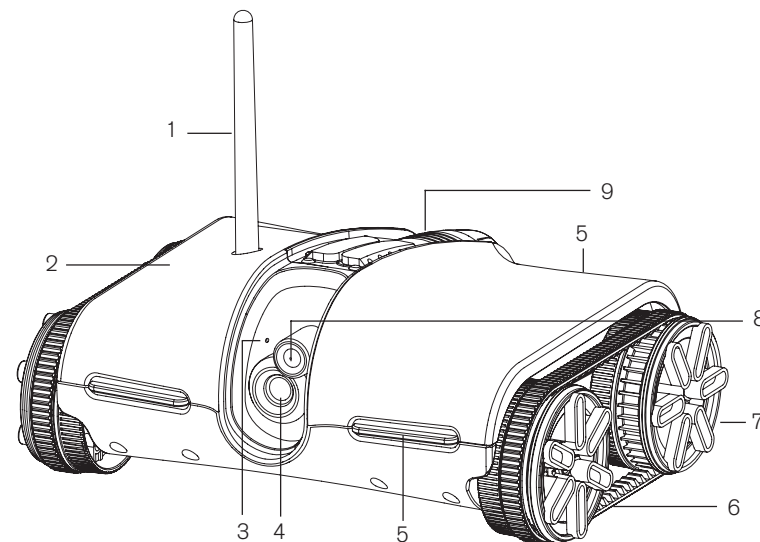Why is my Rover 2.0 not transmitting video?

Check the following:

- *Rover 2.0 is powered on.*
- *Your device's Wi-Fi is turned on.*
- *Rover 2.0 is selected as your Wi-Fi network on your device.*
- *Rover 2.0 is within operating range.*
- *Batteries are not low.*
- *Your device is compatible with Rover 2.0:*

    iPod touch (3rd and 4th generations)
   iPhone 4S
    iPhone 4

LOCATION OF PARTS AND CONTROLS (ROVER 2.0)

1. Antenna
2. Tank Body
3. Microphone
4. Tilt Up/Down Camera
5. Headlights/Tail Lights
6. Trac-Belt (2)
7. Wheel (4)
8. Night Vision Light
9. Speaker

792593_INS1211_Rover 2.0_Size:5"Wx4.7

LOCATION OF PARTS AND CONTROLS (ROVER 2.0)

1. Antenna Port
2. Green Connection LED
3. Battery Compartment
    Access Screw (2)
4. Battery Compartment
5. Reset Button
6. On/Off Switch
7. Orange Power LED
8. SSID Number

Top

Bottom
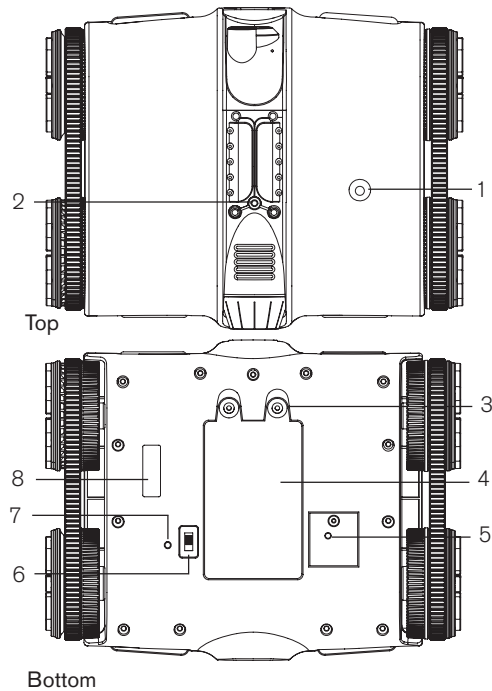
I am having difficulty connecting Rover 2.0 to the wireless network.
Check the battery level on your Apple or Android device – and recharge if necessary.

Can I use multiple Rover 2.0s with the same device?
Yes, but not simultaneously.

Can I use my Rover 2.0 outdoors?
Rover 2.0 is not weather resistant. We recommend using Rover 2.0 on a clean dry surface if used outdoors.

What happens if I receive a phone call on my device while I am using my Rover 2.0?
If a phone call is received on your device while Rover 2.0 is in use, the app will exit. Use airplane mode on your device to avoid interruption.

Why can't I sync my Rover 2.0 to my device?
Check the following:

*   *App has been downloaded from the iTunes® App Store℠ or Google Play to your device.*
*   *Rover 2.0 is powered on.*
*   *Green connection LED is blinking (searching for Wi-Fi connection).*
*   *Your device's Wi-Fi is turned on.*
*   *Rover 2.0 is selected as your Wi-Fi network on your device.*
*   *Rover 2.0 is within operating range.*
*   *Batteries are not low.*
*   *Is there interference from other devices – if so, move to another environment.*

FREQUENTLY ASKED QUESTIONS

It is taking a long time for the green connection LED to blink to begin the syncing process.

It can take up to 30 seconds for the green connection LED to blink.

Why am I experiencing low quality video (freezing, discoloration)?

Rover 2.0 may be beyond its maximum operating range, batteries may be low or the antenna is not attached.

What is the maximum range of my Rover 2.0?

Rover 2.0 will operate up to 200 feet unobstructed and up to 100 feet obstructed.

Maximum range will vary depending on the environment.

What is the battery life of my Rover 2.0?

Approximately 2.5 hours.

Why is my video black and white?

While in Stealth Night Vision mode, Rover 2.0 transmits video in black and white.

Can I use multiple Rover 2.0s in the same area?

Yes. Each Rover 2.0 has a unique SSID address (printed on the underside of the unit). If there are multiple Rover 2.0s being used, the individual SSID addresses will appear as Wi-Fi connections on your device. Select your Rover 2.0's SSID address.

23

CONTROL LAYOUT (YOUR DEVICE'S TOUCH-SCREEN)

1. Rover 2.0 Low Battery
2. Zoom Out
3. G-Drive
4. Driving Controls
5. Information
6. Headlights &Tail Lights On/Off
7. Audio Volume (Apple)
8. Two-way Audio
9. Play Path
10. Record Path
11. Record Video
12. Take Photo
13. Camera Up/Down
14. Night Vision
15. Driving Controls
16. Sharing Information
17. Zoom In
18. Zoom Ratio
19. Video Screen

SPEAKER Audio On/Off replaces Audio Volume when using Android.
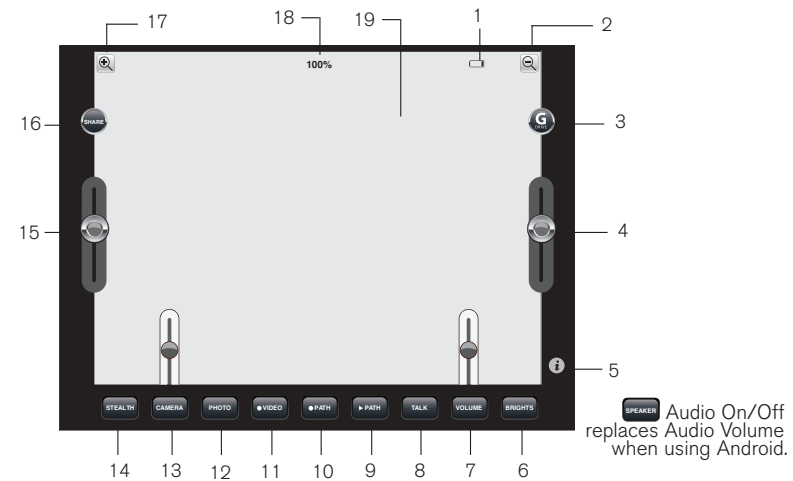
Note: The control layout may not appear exactly as shown, depending upon your device.

8

792593_INS1211_Rover 2.0_Size:5"Wx4.7

COMPATIBILITY

iPod® touch (3rd and 4th generations)	iPhone 3GS	iPad
	iPad® (3rd generation)	Apple iOS: 5.1 and later
iPhone® 4S	iPad 2	Android™ 2.2 and later
iPhone 4		

Be sure to visit Brookstone.com for compatibility updates.
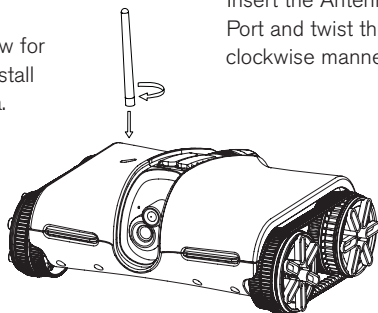
SET UP

DOWNLOADING FREE APP

Go to the iTunes® App Store℠ (for Apple devices) or Google Play™ (for Android devices) to download the Rover 2.0 App.

Rover 2.0

ANTENNA

See the illustration below for instruction on how to install the Rover 2.0's antenna.

Insert the Antenna in the Antenna Port and twist the Antenna in a clockwise manner until secure.

SPECIFICATIONS

Weight . . . . .2.3 lbs.

Dimensions with Antenna . . . . .10.25" w x 7.75" l x 7.75" h

Battery . . . . .6 x AA

Running time . . . . .Approximately 2.5 hours

Distance . . . . .Approximately:
200 feet (unobstructed)
100 feet (obstructed)

Camera . . . . .320x240px @ 25 frames
per second

Wi-Fi supports 802.11b/g

Stealth Night Vision Lens. 850nm

iPad, iPhone, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.

App Store is a service mark of Apple Inc.

Android is a trademark of Google, Inc.

Google Play is a trademark of Google, Inc.

Wi-Fi and Wi-Fi logo are registered trademarks of the Wi-Fi Alliance.

RESET

To reset the Rover 2.0, use the end of a paperclip to press the RESET button for five seconds.

CARE AND MAINTENANCE

- Turn the Rover 2.0 off before cleaning.
- Wipe the Rover 2.0 with a soft, dry cloth.
- Ensure there is no hair or lint caught between the rear or front wheels and the drive shafts. Clean carefully with your fingers or a pair of tweezers.

INSERTING THE BATTERIES

1. Remove the BATTERY COMPARTMENT COVER by unscrewing the two ACCESS SCREWS on the cover with a small screwdriver.

2. Remove the cover and insert 6 AA batteries (included) according to the polarity indicators inside the compartment.

3. Replace the BATTERY COMPARTMENT COVER and tighten the two screws to secure.

Access Screws

Battery Compartment Cover

792593_INS1211_Rover 2.0_Size:5"Wx4.7
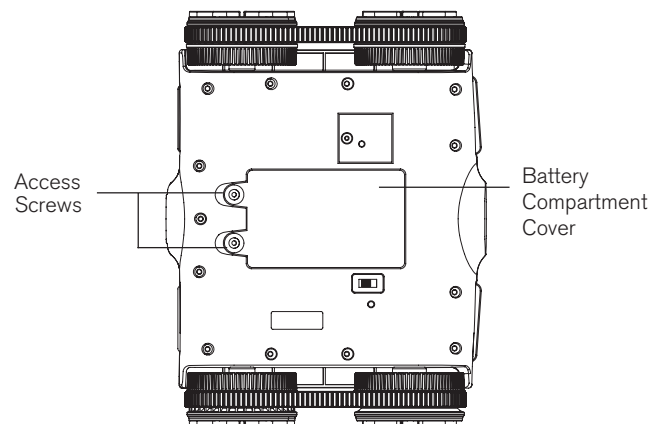
POWER UP AND CONNECT

1. Slide the Power switch on the bottom of the Rover 2.0 to on. The ORANGE POWER LED will illuminate. Wait approximately 30 seconds and the GREEN CONNECTION LED will start to blink slowly.

LED STATE CHART

LED	State	Represents
Orange	Solid	Power on
Green	Blinking	Searching for and acquiring Wi-Fi connection
Green	Solid	Rover app is open and Wi-Fi is connected

2. On your device, go to Settings and turn Wi-Fi on. The SSID address of your Rover 2.0 (17 digits starting with ROVER) will appear as an available connection.

Note: Each Rover 2.0 has a unique SSID address (printed on the underside of the unit). If there are multiple Rover 2.0's being used, the individual SSID addresses will appear as Wi-Fi connections on your device. Select your Rover 2.0's SSID address.

3. Select the Rover 2.0 to confirm the connection. Ensure the Wi-Fi connection logo appears at the top of your device's screen. There may or may not be a check mark to the left of the SSID address to confirm the connection.

4. Exit out of Settings and open the Rover 2.0 App.

5. The Green CONNECTION LED will now revert from blinking to solid.

6. When your device's screen shows the view from the Rover 2.0's live-stream video camera—you are ready to start exploring.

SHARING

 To View or Share Rover 2.0 Photos through email, Facebook, Twitter or Tumblr:

1. Exit Rover 2.0 app.

2. Go to settings and select a different Wi-Fi connection (other than Rover 2.0).

3. Open the Rover 2.0p app and select Share from the pop up window.

4. Select Photos.

5. Select Photo to share.

6. Press Share located in the upper right corner.

7. Select Email, Facebook, Twitter, or Tumblr to share photo.

 To View or Share Rover 2.0 Videos through email, Facebook, YouTube or Tumblr:

1. Exit Rover 2.0 app.

2. Go to settings and select a different Wi-Fi connection (other than Rover 2.0).

3. Open the Rover 2.0 app and select Share from the pop up window.

4. Select Videos.

5. Select Video to share.

6. Press Share located in the upper right corner.

7. Select Email, Facebook, YouTube, or Tumblr to share video.

● PATH   ► PATH   RECORDING A PATH/PLAYING A PATH

The Rover 2.0 can record up to 60 seconds of a driving route, and then repeat it all by itself!

1. To record a path, press the Make Path ●PATH button and drive the Rover 2.0 on the route you want to record.

2. After you complete your route, press the Make Path ●PATH button again to save.

3. Press the Play Path ►PATH to play the recorded route and the Rover 2.0 will automatically drive the route you recorded – all by itself.

4. Double tap ►PATH to play the Path in a loop. Press ►PATH to stop the Path play.

Note: If the Rover 2.0 is reset, or the batteries are removed, the saved route will be erased.

TALK   TWO-WAY RADIO

Rover 2.0 can talk! Press and hold the TALK button and talk into your device to speak through the Rover 2.0. Then, just release the TALK button to listen.

BRIGHTS   HEADLIGHTS AND TAIL LIGHTS

Press the BRIGHTS button to turn the headlights and tail lights on and off.

19

DRIVING

▪ Drive Forward Straight – push both driving control buttons up on your device's screen
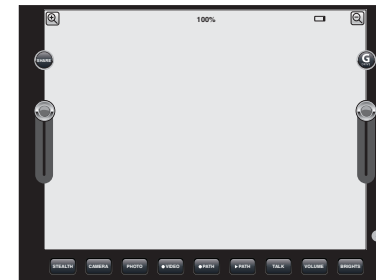
▪ Back Up Straight – push both driving control buttons down on your device's screen

12
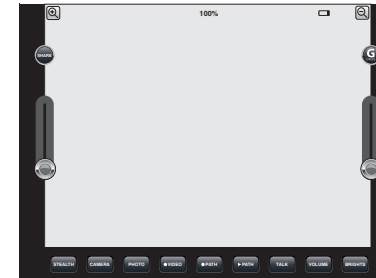
- Turn Right Driving Forward – push the left driving control button up on the left of your device's screen

- Turn Left Moving Forward – push the right driving control button up on the right of your device's screen

SHARE

Press the SHARE button for information on how to share and view your Rover 2.0 videos and photos.

CAMERA

Press the CAMERA button and use the slide to control the camera angle.

VIDEO

The Rover 2.0 can take videos! Press the VIDEO button to record a video. Press the VIDEO button to end recording. The video will be saved in the Rover 2.0 Share Library and in the Photos folder on your device.

Note: The Rover 2.0 will not record audio while it is in motion.

13

18

SPEAKER (FOR ANDROID DEVICES ONLY)

The Rover 2.0 can transmit audio to your device.

Press the SPEAKER button to hear audio. Use the volume control on your device to control the audio volume. Press the SPEAKER button again to turn the audio off.

Note: The Rover 2.0 will not transmit audio while it is in motion.
Audio is only accessible when Rover 2.0 is stopped.

STEALTH NIGHT VISION

Press the STEALTH button to turn the stealth night vision function on. All lights will turn off.

Press the STEALTH button again to turn the stealth night vision function off.

Note: When stealth night vision is on, the video is in black and white.

PHOTO

The Rover 2.0 can take snapshots! Press the PHOTO button to take a snapshot. The photo will be saved in the Rover 2.0 Share Library and the Photos folder on your device.
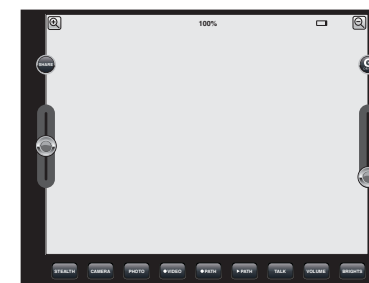
ZOOM

To zoom in on a subject, press the ⊕ on your device's screen. To zoom out, press the ⊖ .

17

- Turn Right Driving Backward – push the driving control button down on the left of your device's screen
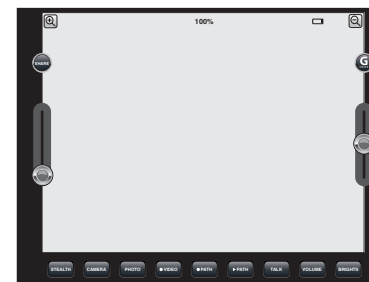
- Turn Left Moving Backward – push the driving control button down on the right of your device's screen

14

▪ 360º circle to the left – push the driving control button down on the left of your device's screen and the driving control button up on the right of your device's screen at the same time


▪ 360º circle to the right – push the driving control button up on the left of your device's screen and the driving control button down on the right of your device's screen at the same time

▪ Stop – Release all buttons and remove fingers from the screen

DRIVING USING YOUR DEVICE'S ACCELEROMETER

To turn on this function, hold your device flat or tilted upward slightly (see image at right), and press the button on your device's screen. The manual drive button graphics will disappear from your device's screen.
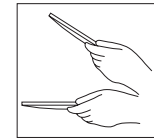
To drive the Rover 2.0, tilt your device in the direction you would like to drive. The Stop position is the position at which the device was held when the G Drive was activated.

To turn this function off, press the button, and the drive graphics will reappear on your device's screen.

VOLUME (FOR APPLE DEVICES ONLY)

The Rover 2.0 can transmit audio to your device.

Press the button and slide up and down to control the volume of audio transmitting from the Rover 2.0 to your device.

Note: The Rover 2.0 will not transmit audio while it is in motion. Audio is only accessible when Rover 2.0 is stopped.