



BIVY STICK MESH

USER GUIDE

CONTENTS

| | |
|--|----|
| BIVY STICK MESH QUICK START GUIDE | 3 |
| MESH FEATURES WALKTHROUGH | 11 |
| BEST PRACTICES FOR MESH COMMUNICATION..... | 11 |
| UNDERSTANDING MESH NETWORK COMMUNICATION..... | 12 |
| MESH RANGE GUIDELINES..... | 12 |
| INTELLIGENT MESSAGE RELAYING..... | 12 |
| GETTING STARTED WITH MESH..... | 13 |
| MESH SETTINGS CONFIGURATION..... | 13 |
| MAP VIEW WITH MESH..... | 14 |
| MESH MESSAGING TYPES..... | 14 |
| 1. SHOUT..... | 14 |
| 2. DIRECT MESSAGE..... | 15 |
| 3. GROUPTRACK™ MESSAGE..... | 15 |
| GETTING STARTED WITH THE APP | 17 |
| USING THE APP | 18 |
| MESSAGING | 18 |
| WEATHER | 20 |
| TRACKING/SHARING LOCATION | 20 |
| SOS | 21 |
| HOW TO USE GROUPTRACK™ | 22 |

| | |
|--|----|
| USING YOUR BIVY STICK WITHOUT YOUR PHONE | 24 |
| CHECK-IN MESSAGE | 24 |
| SOS..... | 24 |
| TRACKING | 25 |
| HOW TO DOWNLOAD MAPS TO USE OFFLINE | 25 |
| CREATING A WAYPOINT | 26 |
| BIVY STICK MOUNTING SYSTEM | 26 |
| UNDERSTANDING THE LIGHTS ON THE BIVY STICK | 28 |
| SAFETY AND PRODUCT INFORMATION USAGE REQUIREMENTS | 29 |
| DECLARATION OF CONFORMITY | 31 |
| REGULATORY INFORMATION | 31 |
| WARRANTY | 33 |
| LIMITED WARRANTY | 33 |

BIVY STICK MESH QUICK START GUIDE



Visit support.bivy.com for a detailed user guide on both the Bivy Stick MESH and the Bivy App

1. Charge your device

Use the supplied USB-C cable



WARNING

Applying a voltage higher than 5V may damage the device.

Power & Charging Indicator Light



Flashing: Device is charging



Solid: Device is powered on



Red
(0 - 20%)



Yellow
(20 - 50%)



Green
(50 - 99%)



Solid Green
(100%)

2. Download the app and setup your profile



3. Connect to Bluetooth

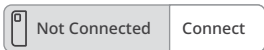
1 Power on the device



On/Off: Press & Hold Power Button 2-Seconds

Bluetooth Pairing Mode: Single press to wake device and activate Bluetooth pairing mode for 3 minutes.

2 In the Bivy App, navigate to the STICK tab and connect



4. Setup Your SOS Profile

Enter Your Emergency Contacts

Your emergency contacts will be notified by the Rescue Center when SOS has been activated.

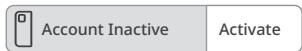
Critical Warning!

Please create SOS profile now!

Setup SOS Profile

5. Activate Your Bivy Stick MESH

- 1 Press Activate
- 2 Choose a plan and follow the instructions



SOS



In case of emergency you can activate an SOS using the Bivy app or with the SOS button on the device. It is recommended to use the app to establish 2-Way communication with the Rescue Center.

The SOS button is located under the red flap on the bottom of the device.

Activate: Press and hold for 5 seconds.

Cancel: Press and hold for 5 seconds.

Once the SOS is activated, the status light will begin to flash red and an emergency message will be sent to the Rescue Center, along with your location, once per minute for 10 minutes, and then every 10 minutes thereafter.

It will also flash yellow initially letting you know that a message is queued up to be sent. Once the red light stops flashing, the SOS has been canceled.

The Rescue Center will dispatch and manage all the emergency needs and resources necessary. This service is available worldwide.

Signal Lights



WAKE MODE
SIGNAL LIGHT ON



Green: Strong Satellite
Yellow: Medium Satellite
Red: Weak to no satellite
Off: Sleep mode



SLEEP MODE
SIGNAL LIGHT OFF



Single press power button to wake device for 3-minutes

Note: The Stick listens for incoming messages for 15 minutes after sending one. It then goes into sleep mode but wakes every 15 minutes to check messages.

Status Lights



Green: New Message in Mailbox (Connect to the Bivy App to view message).

Yellow: Sending (Message or Track point).

Note: A persistent flashing yellow light indicates a message is trying to send. Relocate to an open sky view and wait for satellite connection.

Blue: Bivy Stick Tracking Mode Active

Red: SOS Active



Check-In & Tracking Button

Sending Check-In Messages

The Bivy Stick transmits your preset message, current GPS location, and a map link to your selected contacts.

Checking in. All good.
[37.733952, -119.637756]
www.bivygate.com/353NJ

1. To send a Check-In message, press the Check-In button once.



Note: To personalize this message, use the Bivy app.

2. The STATUS light will flash YELLOW and stop flashing when the message is sent.

Tracking With the Bivy Stick

Your GPS location is updated at regular intervals on your Bivy Live Tracking Page, which is accessible via a shared unique URL.

10 min (1 credit per 1 hour) - Default ▾

2 min (1 credit per 12 mins)
5 min (1 credit per 30 mins)
10 min (1 credit per 1 hour)
30 min (1 credit per 3 hours)
60 min (1 credit per 6 hours)

1. To start tracking, press and hold the CHECK-IN button for 5-seconds until the STATUS light flashes BLUE.
2. The STATUS light continuously flashes BLUE while in tracking mode.

Note: Tracking with the Bivy Stick uses the built-in GPS. If tracking is initiated via the app, the map will use the phone's GPS.

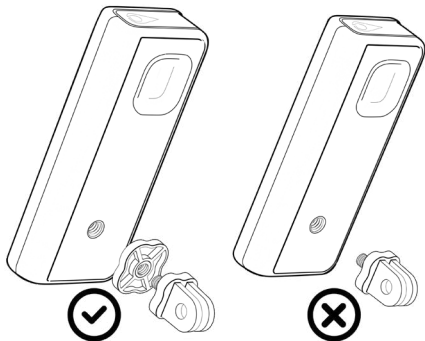
3. To stop tracking, hold Check-In button for 5 seconds until the STATUS light stops flashing BLUE.
4. After you stop tracking, keep the Bivy Stick out in the open, facing the sky. Wait until the yellow STATUS light stops flashing to make sure all your location data is sent.

Mounting System

The Bivy Stick comes ready to adapt to any GoPro® mounting system. This is done by using the provided ¼" - 20, 2-prong GoPro® mount adapter. Thread the adapter into the back of the Bivy Stick, then attach to the GoPro® mounting system of your choice.

WARNING

If attaching to the outside of a vehicle or location that may see high wind speeds, vibrations or force, you should use a secondary tether to ensure you do not lose or damage your Bivy Stick.



GoPro® is a registered trademark of GoPro, Inc. of Delaware, which is not affiliated with the maker of this product and does not endorse this product.

Technical Specs

Dimensions: 11.4 cm x 4.8 cm x 2.1 cm (4.49" x 1.89" x 0.83")

Weight: 3.95 oz / 112 g

Ingress Protection Rating: IP67

Battery Type: Lithium Ion Polymer

Battery Size: 1450 mAh

Battery Life: Up to 145 hrs standard operation at default setting

(Satellite Only)

Optimal Operating

Temperature: -20°C to 40°C

Customer Support

Have Questions? Visit support.bivy.com for how-to videos, user guides, FAQs, and more.

Customer Service Hours

Monday – Friday, 6:00 AM – 9:00 PM MST

support@bivy.com

+1 385-955-0998 (Call or Text)

support.bivy.com



www.bivy.com

MESH FEATURES WALKTHROUGH

The Bivy Stick MESH provides redundant and rapid LoRa® radio communication to supplement its satellite communication capabilities. When satellites are not directly accessible, it will automatically relay messages to other devices in the Mesh network for satellite or cellular communication. All devices in a Mesh network automatically update their position and signal strength to all other devices, enabling faster and more cost-effective communication compared to satellite transmission.

BEST PRACTICES FOR MESH COMMUNICATION

- For optimal performance, maintain clear lines of sight between devices. Obstacles will affect range:
 - Vegetation and trees: Slight reduction in range
 - Buildings and structures: Moderate reduction in range
 - Terrain features (hills, ridges): Significant reduction in range
- Elevating devices above ground level significantly improves range. When both communicating devices are elevated, range increases further.
- For group communication environments like job sites, position one device elevated at a central location for optimal relay coverage to other devices.
- Keep MESH devices exposed for radio transmission rather than concealed in pockets, bags, or vehicles.
- To conserve battery life, disable MESH capabilities when not needed. The battery drains faster when MESH is active.

- While MESH networks support up to 10 devices, we recommend networks of 8 or fewer devices for optimal message transmission speed.

UNDERSTANDING MESH NETWORK COMMUNICATION

All devices in the network participate in message relay:

- Each device that receives a message will relay it to other devices
- Those devices will then relay to additional devices
- Message transmission time increases with more devices in the network

MESH RANGE GUIDELINES

Typical ranges under various conditions:

- Dense obstacles (structures, trees, hills): < 0.5 miles
- Moderate obstacles (some trees, minor terrain): 1 - 2 miles
- Clear line of sight: 10+ miles

INTELLIGENT MESSAGE RELAYING

The Bivy Stick MESH features automatic intelligent relaying when satellite or cellular transmission is unavailable:

- Devices track location, satellite signal strength, and cellular signal strength of all network members
- Messages automatically route through devices with better signal strength
- Relay functionality can be disabled via the Enable Mesh Relay setting

- Message originator pays for satellite transmission costs when relayed


GETTING STARTED WITH MESH


1. Download and set up the Bivy app if you haven't already
2. Power on your Bivy Stick MESH device
3. Connect to the device via Bluetooth within the app
4. Note: When first powered on after being off, allow up to 20 seconds for the super capacitors to charge. Bluetooth connection and satellite transmission require charged capacitors.


MESH SETTINGS CONFIGURATION


Access MESH settings through the gear icon in the upper right corner of the Stick screen:


BIVY STICK SETTINGS
IMEI: 300434067476890


 Disconnect Bluetooth >

 Bivy Stick Account Settings >

Enable LoRa® 
Using LoRa® Radio will decrease battery life.

Enable Least Cost Routing 
Allows other Bivysticks to relay messages through your device.

 LoRa® Radio: US_902_928 ▼

 LoRa® User: David

- **Enable Mesh:** Turns MESH capabilities on/off. Disable when not in use to preserve battery.
- **Enable Mesh Relay:** Controls whether your device can be used by others for message relay.
- **LoRa® Radio:** Set to "US_902_928" for US use, or appropriate frequency for your territory.
- **Mesh Username:** Defaults to your Bivy app username but can be customized. This name appears in messages and on the map.

MAP VIEW WITH MESH

Recent locations of nearby MESH devices automatically display on the map:

- Devices appear as red dots with the first letter of the Mesh username
- Updates occur rapidly through radio communication
- Location updates cease when devices move out of range

MESH MESSAGING TYPES

The Bivy Stick MESH supports three messaging modes:

1. SHOUT

- Broadcasts to all nearby MESH devices without guaranteed delivery
- Similar to VHF radio communication
- Messages reach devices within direct range plus those within range of other MESH devices
- Note: Other MESH groups may receive shout messages

To send a Shout message:

1. Open the Messages tab
2. Select the Mesh Shout conversation
3. Type and send your message
4. Message status shows "Sending..." until receipt confirmation
5. Status updates to "Sent(ABC)" where ABC represents the first three letters of receiving usernames

2. DIRECT MESSAGE

- Targeted communication to specific users
- Intelligent routing via MESH, satellite, or cellular
- Guaranteed delivery tracking

To send a Direct message:

1. Tap the New Message icon
2. Select recipient from:
 - Mesh Nearby tab
 - Contacts
 - Bivy Users
 - Favorites
3. Enter message and send
4. Status updates confirm delivery

3. GROUPTRACK™ MESSAGE

- Guaranteed delivery to all group members
- Automatic route selection (MESH, satellite, cellular)
- Includes location sharing

- MESH devices provide faster location updates than satellite-only devices

Create groups and message as normal through the Groups tab. The system automatically utilizes MESH communication when available.

GETTING STARTED WITH THE APP

Download the Bivy app for iOS from the App Store or for Android from the Play Store. Create a Bivy account.



While in phone service or WiFi, turn on your Bivy Stick by pressing the power button for 2 seconds. The power indicator light will illuminate.

On the app menu, select "STICK."



PROFILE



MAP



MESSAGES



STICK

Tap on the "CONNECT" icon in the upper left corner to connect to your Bivy Stick and pair it with your phone. This will only take a few seconds. Once it is connected, you will see the battery life and signal strength displayed on this icon.

If it does not connect press the power button on the Bivy Stick briefly to re-attempt your Bluetooth connection.

Once your phone is connected to the Bivy Stick, select "ACTIVATE". Follow the steps to activate your Bivy Stick. It will require you to input emergency contact information and credit card info. During this process you will also have the opportunity to purchase a Global Rescue membership for additional coverage in case of an emergency.

NOTE: SOS Monitoring and dispatch is a service provided by Global Rescue to all active Bivy Stick users as part of your monthly service fee. A Global Rescue membership provides additional services. More info about a membership can be found here: <https://ss.globalrescue.com/partner/bivy/>

During the activation process you will choose your data plan. All plans use the Iridium satellite network. There is a four month commitment for the first activation, but after that you can change plans as needed. If you use all of your allotted credits, you can still continue to use the Stick at the overage rate indicated. For more plan details please go to: <https://www.bivy.com/data-plans>

Once your Bivy Stick is activated, you will be assigned your own dedicated phone number which will stay the same until you deactivate service. You can find this phone number on the STICK screen in the app when the Stick is connected.

USING THE APP

You can see the status of your Bivy Stick and account at any time by using the app. On the STICK screen you can see how many credits you have available for the month and how many you have used.



On the STICK screen, you'll be able to see if your Stick is active, when your active account renews or ends, and your credit status. You can also navigate to many features of the Bivy Stick, including SOS, Weather, Check-In Setup, and Send Check-In.




MESSAGING


Make sure you are connected to the Bivy Stick via Bluetooth. Enter the Messages screen by tapping "MESSAGES" on the bottom menu.




The Bivy app will ask if you would like to sync your contacts. This can take up to 5 minutes, depending on how many contacts you have in your phone.

Use the  New Message button to start a new text chain. Type in the name, number or email address of the person you want to message. You can send one message to multiple people, but each message will go to the recipient individually, and replies will come in their own thread. It does not work like standard group messaging.


Once you have picked your recipient, enter your message into the message field at the bottom of the screen. Maximum 160 characters.

You can also hit the  Location button to the left of the message field to automatically add your GPS coordinates and a link for recipients to see your location on a map.

When a message is being sent out, the status of the message will say "Sending." The Status light on the Stick will flash yellow. Once it has successfully been sent, the Status light on the Stick will no longer flash yellow and the message status on the app will change from "Sending" to a timestamp.

To create a preset Check-In message, tap on Check-In Setup  on the STICK screen. You can enter up to five recipients, comprised of phone numbers or email addresses. Then enter your message text, up to 160 characters. This will be sent along with your GPS coordinates and a URL link the recipient(s) can click on to see your location when you send the Check-In.

The  Check-In button sends a Check-In using the phone's location information to the recipients setup in Check-In Setup.

The  Mailbox Check button will send a request to pull down any messages from satellite that may be waiting. If there is an urgent matter, use the Mailbox Check button to check for messages immediately. You can do six Mailbox Checks for 1 credit.


The Bivy Stick automatically listens for incoming messages for 15 minutes after sending or receiving a message. It then goes to sleep to preserve battery life, but wakes up every 15 minutes to check for messages. When the Signal light is on,

the Stick is listening for messages. When the Signal light is off, it's sleeping to preserve battery life. You can manually wake up the Stick to listen for messages for 3 minutes with a very short press of the Power button.

WEATHER

Navigate to the Weather screen from the STICK screen. If you are in cell/WiFi service, you can update a weather report for free at any time.



When you are off-grid, tap the Refresh button  in the top right corner of the Weather screen to get the latest report.

You will have 2 options:

- Standard 3 day 3-hour-increment forecast for 1 credit
 - Premium 7 day 2-hour-increment forecast for 2 credits
- If you have an Unlimited plan, it will default to the Premium forecast. Each forecast will take a few minutes to update depending on the strength of the satellite signal. You will receive a push notification once your forecast is ready to view. The forecast is based on your current location.

TRACKING/SHARING LOCATION

The best way to share your location with others is to tap the Share Location button on either the PROFILE screen or the STICK screen or send a Check-In message. This will send a message containing your GPS coordinates and a private URL that will direct the recipient(s) to a map displaying your current location or track if you are tracking. The location will update based on the interval you select on the STICK screen. The recipient(s) will need to refresh the webpage to see your updated location. Tracking through the app relies on your phone's GPS and will use more phone battery, but will give you a more detailed track than using the Bivy Stick alone. The URL that is sent when sharing your location, either with location share or a Check-In, is a private link enabling only those who have that link to see your location. The link is good for 7 days, at which point it will expire.

To track using the app and send your live location to your private URL, make sure you are connected via Bluetooth.

On the MAP screen, push the large "TRACK" button on the bottom center.

A black circular button with the word "TRACK" in white capital letters.

Choose your activity type.

It will ask you if you want to track through Bivy Stick. Select "Enable Bivy Stick Tracking."

To stop tracking, push the "PAUSE" button and then the Check button.



Your distance, speed, calories burned, and other stats will be recorded and saved to your profile. You can name your tracks or upload them to the Bivy database for others to use if you want.

SOS

In case of emergency you can hit the SOS button on the app and establish 2-Way communication with Global Rescue. You can also activate an SOS from the button on the Bivy Stick (see pg 6) but using the app allows for communication directly with Global Rescue. They will dispatch and manage all the emergency needs and resources necessary. This service is available world wide.

A black rounded square button with the letters "SOS" in white capital letters.

Touch the SOS button on the Bivy Stick screen. You will be asked to confirm your request and to type in the letters SOS to verify it's not an accidental SOS call.

Once you have confirmed, it will send an emergency text with your GPS coordinates and location to Global Rescue. Be sure to keep your Bivy Stick visible to the sky to ensure satellite connectivity. You will receive a confirmation text letting you know the message has been received. Your Bivy Stick will automatically send your location to Global Rescue once per minute for 10 minutes, and then every 10 minutes thereafter.

At this point you can communicate any details with them via text message. Global Rescue will keep you apprised of the rescue plan and status.

If you need to cancel the SOS call, you can do so by touching

the cancel SOS button on the app. This will send a message to Global Rescue and they will confirm it has been received and canceled.

NOTE: Please be sure to treat the SOS service with complete seriousness. Only use in the case of a real emergency. Depending on your location and needs, you may be responsible for any cost associated with a rescue operation.

HOW TO USE GROUPTRACK™

The GroupTrack feature allows groups to share locations and messages with each other without having to communicate with each member individually and then relay messages. It works with cell service, of course, but also works off-grid, showing each member's location on a map and sharing messages with the entire group through member's Bivy Sticks.

To **Create** a group, tap on the Create Group button in the top left corner. You will then enter a name for the group and add group members, if desired. Group members can be other Bivy users, email addresses, or phone numbers. Tap on Create, then you'll see a Group Created screen. If creating a group over the Bivy Stick, this may take several minutes. Now when you navigate to the Groups tab you'll see your current group. As the group creator, you can add additional members (up to the maximum) at any time.

Adding members to your group can be done anytime. Click in the "Type to add member" box, either during group creation or after. If creating a group over the Bivy Stick, the group will be created first, then individual invitations will be sent separately. This will take some time, so please be patient. Group invitations are not received over the Stick. If joining out of service, the best way to do it is with a code. Enter either another Bivy user, email address, or phone number. Only the group creator can add or remove members; however, other Bivy users can easily join your group via the group's unique code.

Joining a group is simple! If there is an invite on your Groups screen, tap on the Join button next to the group name. If not, press the large Join Group button in the top right corner and

enter the 4 digit code for the group you want to join, then tap the large Join button. The code is found on the top right corner of the Current Group screen of any member. You'll see a Group Joined screen. If joining a group over Bivy Stick, this may take several minutes. You'll then see your current group when you go to the Groups tab.

Joining via Email or SMS (text message) connects the people who have service. When an email or phone is added as a member, a message is sent to them. It includes a link to join the group. When they click on that, it adds the recipient to the group. It also directs the recipient to a web page where they can view group details, messages, and locations. The recipient will still receive email/SMS updates and can respond to the group either there or via the webpage, however those members will not share their locations.

To **Leave** a group, press the Leave Group button on the bottom right of the Group screen. You are no longer in the group, but can rejoin it in the future. Your location will not be shared with other members of that group. It will now be listed on the Groups screen with a Join button next to it.

To **Message** the group, click on the Group Message button. This will take you to the group message thread. Enter text and tap on Send. The group message thread can also be accessed on the Messages screen.

As long as you are in a group, your **Location will be shared** with other members of the group at regular intervals unless you joined via email or text invite. If you are in service, it will be updated every minute. If you are out of service, your location will update at the interval set on the Stick screen as your Tracking Interval.

Deleting a group is slightly different, depending on whether you are the creator or a member. If you are the **CREATOR** of a group, when you press the Delete Group button on the bottom left of the Group screen it removes you and all other members from the group. The group will no longer be visible on your phone, and the group is no longer joinable by anyone, either

by invitation or code. It also removes the group message conversation from your phone. The group message thread will still be viewable on other members' phones, but they will no longer be able to send messages to the group.

If you are a **MEMBER** of a group and tap on the Delete Group button on the bottom left of the Group screen or the (X) in the top right corner of the group in the groups list, it removes you from the group. The group will no longer be visible on your phone and it removes the group message conversation from your phone. If the creator deletes the group, you will be removed from the group and returned to the initial group screen. The group will no longer be available to join. The group message thread will still be viewable in the Messages screen, although you will be unable to send any more messages to the group.

USING YOUR BIVY STICK WITHOUT YOUR PHONE

If you do not want to carry your phone, or it is not functioning, your Bivy Stick can be used without it. All of the essential features can be used on the device itself, with the exception of 2-way communication. You are only able to send preset outgoing messages with the Bivy Stick alone. Here is how to use the Stick without a phone.

CHECK-IN MESSAGE

Press the Check-In button (a press and hold will initiate tracking - see page 7). Once a message is queued up to be sent, the status light will flash yellow until the message is successfully sent. Bivy Stick will send the message you wrote to the recipient(s) you identified in the Check-In message setup in the Bivy app. The message will also include your GPS coordinates and a link to a map showing your location. Pressing the Check-In button on the Stick uses the device's GPS data in the message.



SOS

The SOS button is located under the red flap on the bottom of the device. To activate, lift the flap and press and hold the button for 5 seconds. Once the SOS is activated, the status light will begin to flash red and an



emergency message will be sent to Global Rescue, along with your location, at regular intervals. It will also flash yellow initially letting you know that a message is queued up to be sent.

When possible, it's better to activate an SOS through the Bivy app (see page 5) so you can communicate directly with Global Rescue about the nature of your emergency.

To cancel an SOS from the Bivy Stick, press and hold the SOS button for 5 seconds. Once the red light stops flashing, the SOS has been canceled.

TRACKING

You can start tracking your location by pressing the Check-In button for 5 seconds. While tracking, your location will be sent to your Bivy profile on the cloud at the interval designated in the app. The default interval is 10 minutes. The Status light will flash blue while you are tracking. Stop tracking by pressing the Check-In button for 5 seconds. You can later view this track by going to your profile in the Bivy app and then select Tracks.

HOW TO DOWNLOAD MAPS TO USE OFFLINE

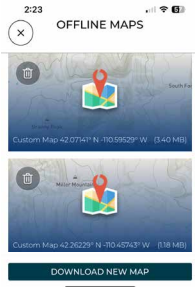
You can download topographic maps to use while out of cell range but they must be downloaded/saved prior to leaving service.

1. Open the Bivy App and tap on the Map tab from the bottom menu bar. 📍
2. Tap on the Offline map icon (located in the bottom right corner) 📶
3. Now press Download New Map.
4. Select the quality of the map with the slider beneath the window.
5. Center the area you would like to download by pinching and panning around in the available window.
6. Tap on Download.



****There is a limit on size so zoom in and get a specific area rather than choosing a large area****

Custom maps and downloaded Adventure maps will display in the My Maps list, but downloaded areas can be accessed directly from the Map screen of the app. The map will show those areas as if you had service.

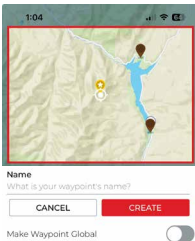


CREATING A WAYPOINT

A waypoint is any location you'd like to mark on your map.

1. To create a waypoint, go to the Map screen.
2. Tap on the waypoint icon in the bottom left corner.
3. Press the Create New Waypoint button.
4. Select the location for the waypoint and enter a name for it.
5. You can also add a picture if you'd like.
6. Tap on the Create button.

Your waypoint will show up in the list and as a yellow pin on the map. It can be edited, viewed, or deleted by tapping on it in either place.



BIVY STICK MOUNTING SYSTEM

The Bivy Stick comes ready to adapt to any GoPro® mounting system. This is done by using the provided ¼" – 20, 2-prong GoPro® mount adapter. Thread the adapter into the back of

the Bivy Stick, then attach to the GoPro® mounting system of your choice.

GoPro® is a registered trademark of GoPro, Inc. of Delaware, which is not affiliated with the maker of this product and does not endorse this product.

NOTE: If attaching to the outside of a vehicle or location that may see high wind speeds, vibrations or force, you should use a secondary tether to ensure you do not lose or damage your Bivy Stick.

CHARGING YOUR BIVY STICK

The Bivy Stick charges using a USB-C cable and can be charged via any USB charge port. Use the supplied USB-C to USB-A cable or any other USB-C cable. The power indicator light will flash while charging. Once the Bivy Stick is fully charged, the light will be solid if the device is on, or will turn off if the device is off. Charge time is 2–4 hours depending on power source. Charge time is approximately 1.5 hours if you use a USB-C charger and a USB-C to USB-C cable.

UNDERSTANDING THE LIGHTS ON THE BIVY STICK

1. Power indicator light: The light next to the power button will show the device is on. It will normally be dim to preserve battery life. Pressing the power button quickly will brighten the light for better visibility.

Green = 50 – 100% | Yellow = 20 – 50% | Red = 0 – 20%

You can charge your device with any USB-C cable by plugging it into the port on the bottom of the Bivy Stick.

2. Signal light: The Signal light indicates satellite visibility status.

Green = Strong | Yellow = Medium/Weak | Red = Weak/None

The Signal light will turn off after a few minutes to preserve battery. Quickly push the power button to turn the Signal light back on. Occasionally, you may see the Signal light flashing green. This means the device is acquiring a GPS location lock and should only last a few seconds if you are out in the open. It will not get a GPS lock if you are inside.

3. Status light: The Status light can show several different colors.

Yellow = Message is being sent
Green = Message has been received
Blue = Currently tracking
Red = SOS has been activated

If the Status light is flashing green, that means a message has been received from the satellites but has not been sent to the phone yet. Make sure your phone is connected to the Stick via Bluetooth and open the Bivy app to receive the message.

If the Status light is yellow, a message is on the Stick trying to send to the satellite. Move to a different location with a more open view of the sky or wait a few minutes for a satellite to make a connection. The Iridium network is largest commercial satellite network in the world and offers true global communications coverage over 100% of the planet.

SAFETY AND PRODUCT INFORMATION USAGE REQUIREMENTS

- Messaging, tracking, SOS, weather and all Bivy Stick features require an active Bivy Stick base data plan. You will need to pay for a base plan of service in order for your Bivy Stick to communicate with the satellite network. Always test your device before taking it off grid.
- Ensure that you have clear view of the sky when using messaging, tracking and SOS.
- Battery Warning and Notices: A lithium-ion polymer battery is used in this device. The battery is internal and non-user-replaceable for various purposes. If these guidelines are not followed, batteries may experience a shortened life span or may present a risk of damage to the device, fire, chemical burn, electrolyte leak, and/or injury. Also, failure to heed the following notice could result in personal or property damage, or negatively impact the device functionality.
- Do not disassemble, modify, re-manufacture, puncture or damage device or battery.
- Do not remove or attempt to remove any components of the device.
- Do not expose device to fire, explosions, high temperatures or other hazards.
- Do not place in high temperature environments. Such as an unattended vehicle, near a heater, or fire, or in direct sunlight for extended periods of time.
- Do not submerge or soak device in any liquid.
- Do not operate device outside of the recommended temperature ranges.
- When storing the device for extended periods of time, store in a dry environment in temperatures between 35F and 75F.
- Do not use a power/data cable that is not approved or supplied by Bivy.
- Do not place device on dashboard or any other unsecured place in vehicle. Also be sure that it is not located someplace that will be a distraction while operating a vehicle. In the case of accident or crash, an unsecured device could injure driver or passenger.
- Do not use the Bivy Stick or Bivy app while driving. Always stop and park vehicle before using cell phone or app.
- Bivy uses maps provided by public and private sources and is

not responsible for the accuracy of the map. Some data may be inaccurate and incomplete.

- Always use your best judgment when navigating off road or participating in outdoor activities.
- Bivy Stick and Bivy app is a resource for suggested routes. It should not take the place of research, preparation and experience in the backcountry.
- Do not follow route suggested if it directs you into illegal activity such as trespassing, or into a dangerous situation. Know your limits and exposure to risk.
- Always defer to posted signs and conditions during navigation.
- Always be mindful of inherent risks, environment, weather and other factors before embarking on an outdoor activity.
- By using the device you agree to the terms and conditions of the user agreement. To review those terms please visit: **<https://www.bivy.com/terms>**
- By using the device you also agree to the terms and conditions of the privacy policy. To review those please visit: **<https://www.bivy.com/privacy>**
- If disposing of the device, please do so in accordance with local regulations according to Lithium Ion Polymer battery disposal.
- The Bivy Stick may experience degraded performance if you use it in proximity to any device that uses a terrestrial broadband network operating close to the frequencies used by any global Navigation Satellite system (GNSS), Such as the Global Positioning Service (GPS). Use of such devices may impair reception of GNSS signals.
- The Bivy Stick is a mobile transmitter and receiver that uses an internal antenna to send and receive low levels of radio frequency energy for data communications. The device emits RF energy below the published limits when operating in its maximum output power mode. To comply with RF exposure compliance requirements, the device should be a minimum of 20cm between the device and your body during operation. The device should not be used in other configurations. This device must not be co-located or operated in conjunction with any other transmitter or antenna.

DECLARATION OF CONFORMITY

Hereby, ACR Bivy declares that this product is in compliance with the Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following Internet address: www.acrartex.com

UK DECLARATION OF CONFORMITY

Hereby, ACR Bivy declares that this product is in compliance with the relevant statutory requirements. The full text of the declaration of conformity is available at the following Internet address: www.acrartex.com

RADIO FREQUENCY RADIATION EXPOSURE

This device is a portable transmitter and receiver that uses an internal antenna to send and receive low levels of radio frequency (RF) energy for data communications. The device emits RF energy below the published limits for portable use when operating in its maximum output power mode and when used with ACR Bivy authorized accessories. To comply with RF exposure compliance requirements, the device should be used as described in the manual. The device should not be used in other configurations.

REGULATORY INFORMATION

FCC

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 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 device generates, uses, and can radiate radio frequency energy and may cause harmful interference to radio communications if not installed and used in accordance with the instructions. However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio or television reception, which can be determined by turning the device off and on, the user is encouraged to try to

correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the device and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult dealer or an experienced radio/TV technician for help.

This device does not contain any user-serviceable parts.

Repairs should only be made by Bivy or an ACR authorized service center. Unauthorized repairs or modifications could result in permanent damage to the device, and void your warranty and your authority to operate this device under part 15 regulations. Bivy is an ACR company.

INNOVATION, SCIENCE AND ECONOMIC DEVELOPMENT CANADA COMPLIANCE

This device contains license-exempt transmitter(s)/ receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

AUSTRALIAN AND NEW ZEALAND PURCHASED GOODS

ACR Bivy goods and services come with guarantees that cannot be excluded under the Australian Consumer Law and similar legislation in New Zealand. For major failures with the service, you are entitled:

- to cancel your service contract with us; and
- to a refund for the unused portion, or to compensation for its reduced value.

You are also entitled to choose a refund or replacement for major failures with goods. If a failure with the goods or service does not amount to a major failure, you are entitled to have the failure rectified in a reasonable time. If this is not done, you are entitled to a refund for the goods and to cancel the contract for the service and obtain a refund of any unused portion. You are also entitled to be compensated for any other reasonably foreseeable loss or damage from a failure in the goods or service.

ACR Electronics, Inc., 5757 Ravenswood Road, Fort Lauderdale,

WARRANTY

THIS SAFETY AND WARRANTY SECTION CONTAINS IMPORTANT INFORMATION ABOUT YOUR BIVY STICK. HOWEVER, THE TERMS UNDER WHICH YOU USE THE BIVY STICK ARE LISTED AT <https://www.bivy.com/terms>. YOU WILL BE REQUIRED TO ACCEPT THOSE TERMS WHEN YOU ACTIVATE THE BIVY STICK.

LIMITED WARRANTY

THIS LIMITED WARRANTY GIVES YOU SPECIFIC RIGHTS, AND YOU MAY HAVE OTHER LEGAL RIGHTS, WHICH VARY FROM STATE TO STATE (OR BY COUNTRY OR PROVINCE). BIVY DOES NOT EXCLUDE, LIMIT OR SUSPEND OTHER LEGAL RIGHTS YOU MAY HAVE UNDER THE LAWS OF YOUR STATE (OR COUNTRY OR PROVINCE). FOR A FULL UNDERSTANDING OF YOUR RIGHTS YOU SHOULD CONSULT THE LAWS OF YOUR STATE, COUNTRY OR PROVINCE.

We warrant this device to be free from defects in materials or workmanship for one year from the date of purchase. Within this period, Bivy will, at its sole option, repair or replace any components that fail in normal use under normal conditions. Such repairs or replacement will be made at no charge to the customer for parts or labor, provided that the customer shall be responsible for any transportation costs. This Limited Warranty does not apply to: (i) cosmetic damage, such as scratches, nicks, and dents; (ii) consumable parts, such as batteries, unless product damage has occurred due to a defect in materials or workmanship of the product; (iii) damage caused by accident, abuse, misuse, water, flood, fire, or other acts of nature or external causes; (iv) damage caused by service performed by anyone who is not an authorized service provider of ACR; or (v) damage to a product that has been modified or altered except by specific written instruction from Bivy.

This device is intended to be used only as a travel aid and must not be used for any purpose requiring precise measurement of direction, distance, location or topography. Bivy makes no warranty as to the accuracy or completeness of map data. This Limited Warranty also does not apply to, and Bivy is not responsible for, any degradation in the performance of this

device resulting from its use in proximity to any handset or other device that utilizes a terrestrial broadband network operating on frequencies that are close to the frequencies used by any Global Navigation Satellite System (GNSS) such as the Global Positioning Service (GPS). Use of such devices may impair reception of GNSS signals.

THE WARRANTIES AND REMEDIES CONTAINED IN THIS LIMITED WARRANTY ARE IN LIEU OF, AND BIVY EXPRESSLY DISCLAIMS, ALL OTHER WARRANTIES AND REMEDIES, WHETHER EXPRESS, IMPLIED, STATUTORY, OR OTHERWISE, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, STATUTORY REMEDY OR OTHERWISE. IF IMPLIED WARRANTIES CANNOT BE DISCLAIMED UNDER THE LAWS OF YOUR STATE OR COUNTRY, THEN SUCH WARRANTIES ARE LIMITED IN DURATION TO THE DURATION OF THIS LIMITED WARRANTY. IN NO EVENT SHALL BIVY OR ACR BE LIABLE IN A CLAIM FOR BREACH OF WARRANTY FOR ANY INCIDENTAL, SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES, WHETHER RESULTING FROM THE USE, MISUSE OR INABILITY TO USE THIS PRODUCT OR FROM DEFECTS IN THE PRODUCT. IN NO EVENT SHALL BIVY'S LIABILITY EXCEED THE AMOUNT YOU PAID FOR THE PRODUCT TO WHICH ANY CLAIM RELATES.

If during the warranty period you submit a claim for warranty service in accordance with this Limited Warranty, then Bivy will, at its option: (i) repair the device using new parts or previously used parts that satisfy Bivy's quality standards, (ii) replace the device with a new device or a refurbished device that meets Bivy's quality standards, or (iii) exchange the device for a full refund of your purchase price.

SUCH REMEDY SHALL BE YOUR SOLE AND EXCLUSIVE REMEDY FOR ANY BREACH OF WARRANTY.

Repaired or replaced devices have a 90-day warranty. If the device sent in is still under its original warranty, then the new warranty is 90 days or to the end of the original 1 year warranty, whichever is longer. Before seeking warranty service, please

access and review the online help resources available on www.bivy.com. If your device is still not functioning properly after making use of these resources, contact Bivy at **support@bivy.com** to obtain warranty service. If you are in the United States, you can also call 1-385-955-0998. Warranty service is only available inside the United States.

WARNING: This product can expose you to chemicals including Di(2-ethylhexyl) phthalate (DEHP), which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

THE SCIENCE  OF SURVIVAL



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MADE IN USA



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