totem

The Friend-Finding Compass

USER MANUAL

Totem is dedicated to making live events **safer,** more **immersive,** and more **beautiful.**

Please read this manual before using your Totem Compass, and keep it for future reference.

Scan the QR code on the back of your Totem Compass to register your device and update your software.

FCC Compliance

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.

Changes or modifications not expressly approved by Totem could void the user's authority to operate this equipment.

FCC ID: 2BMQS-1

This Package Contains:

One (1) **Totem Compass**

Two (2) elastic **Lanyards**

One (1) **USB-C Cable**

NOW AVAILABLE:
The Totem Compass App

Manage Bonds, update software with one click, view real-time maps, unlock new features, and more!

Download for iOS

Download for Android

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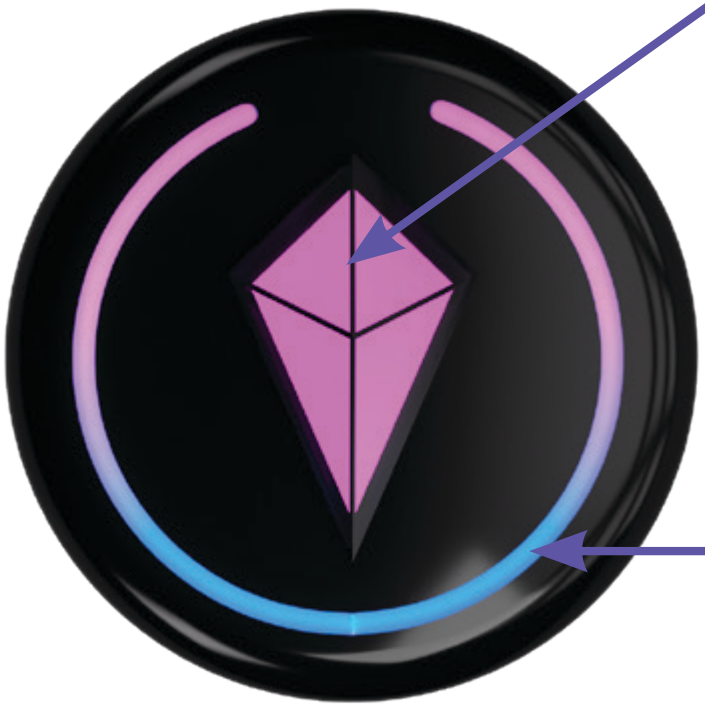
Touch Crystal & Halo



Touch Crystal

Functions:

- **Add Bonds**
  (press + hold)
- **Remove Bonds**
  (triple-tap)
- **Change Colors**
  (single-tap)

Halo

Displays:

- **Vibe Mode**
  (vertical orientation)
- **Bond Lights**
  (horizontal orientation)
- **Searching for Satellite**
  (horizontal orientation)

Buttons & Ports

SOS Button

Functions:

- **SOS Alerts** *(press + hold)*
- **Software Updates** *(triple-click)*

Power Button

Functions:

- **Power On** *(single-click)*
- **Power Off** *(press + hold)*
- **Adjust Brightness** *(single-click)*

USB-C Port

Functions:

- **Charging**

Vibe Mode
(vertical orientation)

Available Features:

- Vibe
- Send SOS Alerts
- Receive SOS Alerts
- Adjust Brightness

Compass Mode
(horizontal orientation)

Available Features:

- Bonding
- Navigation
- Send SOS Alerts
- Receive SOS Alerts
- Bond Removal
- Adjust Brightness
- Change Crystal Color

1) Power On & Off

To Power On:

1. Click Power Button once

To Power Off:

1. Press and hold Power Button while device is powered on

Power On

Power Off

2) Your Totem on Power Up

When your Totem powers on, the Halo displays a **Battery Level Indicator:**

- **Full Green Halo = 100%**
- **Yellow Half-Filled Halo = 50%**
- **Yellow Quarter-Filled Halo = 25%**
- **Red, Flashing Touch Crystal = Low Battery**

Note: When battery level is at 25% or below, Touch Crystal functionality is disabled

100% Charged

50% Charged

25% Charged

Low Battery

3) Establish Satellite Connection

1. **Go outside** and make sure you have a clear view of the sky overhead with horizon in view
2. **Step away from roofs**, walls, and other large structures
3. **Wait 10-15 minutes** for your Totem to establish Satellite Connection*

**Enable Eco Mode to speed up satellite connection process*

searching for satellite connection

satellite connection nearby

satellite connection successful

satellite connection successful with Bond established

4) Bond your Totems

1. Hold two Totems **together in Compass Mode.**
2. Press and hold both Touch Crystals **simultaneously.**

When Bonding is successful:

1. The blue light on your Totem's Halo will change to the color of your new Bond.
2. The Halo will collapse into a single LED and jump into your Touch Crystal

Note: Your Totem Compass will always remember Bonds unless you remove them

How to Bond

Bonding Success

Already Bonded

Max. Bonds Reached

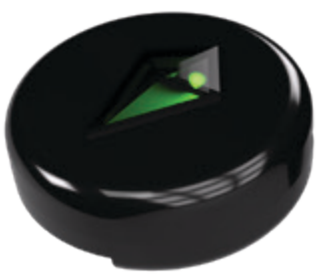
5) Navigate

1. Establish **Satellite Connection** *(see page 14)*
2. Move **20 meters away** from Bonded peer
3. Hold Totem in Compass Mode and **spin in a circle once** to calibrate
4. Follow the **direction of Bond Light** on Halo
5. As you move toward Bonded peer, Bond Light will spread then collect into Touch Crystal

= Calibration Success

= Bonded peer is >100 meters away

= Bonded peer is 50-20 meters away



= Bonded peer is <10 meters away

Note: If you or a Bonded peer are out of peer-to-peer range, your Bond Light will begin to **"breathe"**, indicating **stale location data.**

Send an SOS Alert

To send SOS Alert:

1. **Press and hold SOS Button** until red light behind button begins to blink

When Bonded peer receives SOS Alert:

1. Their **Touch Crystal will blink** “SOS” in morse code; **Bond Light** will **blink rapidly** when Totem is in Compass Mode

To disable SOS Alert:

1. **Press and hold SOS Button** until red light stops blinking

Send SOS

Disable SOS

Receive SOS

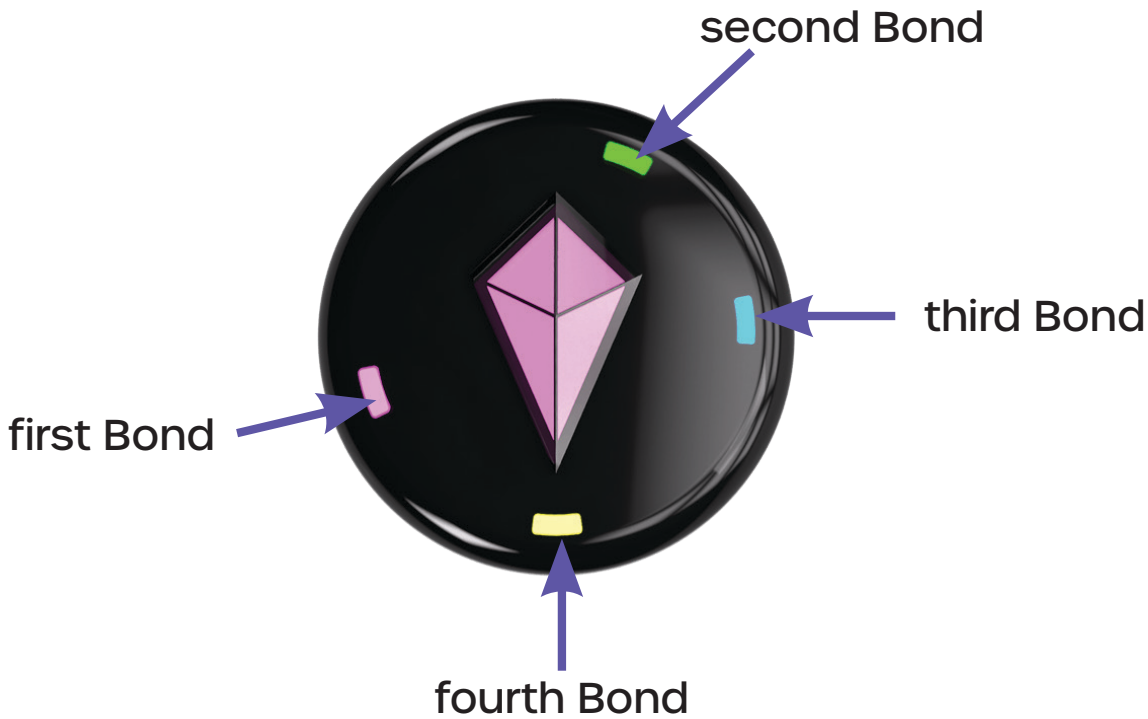
Bond Lights & Colors

Bond Light colors are **automatically assigned** to peers based on **Bonding order**:

- First Bond = **pink**
- Second Bond: **green**
- Third Bond = **blue**
- Fourth Bond = **yellow**

To check colors of Bonded peers:

1. Move Totems **together**
2. **Touch Crystal will display color** of Bonded peer



Bonded Peer Check

Remove Bonds

1. **Triple-tap** Touch Crystal while Totem is in Compass Mode
2. **Single-tap** Touch Crystal to cycle between Bonded peers
3. **Press and hold** Touch Crystal to remove selected Bond

Note: Bonded peers that you remove will **no longer be able to track you in real-time**.

Enter Bond Removal

Cycle Bonded Peers

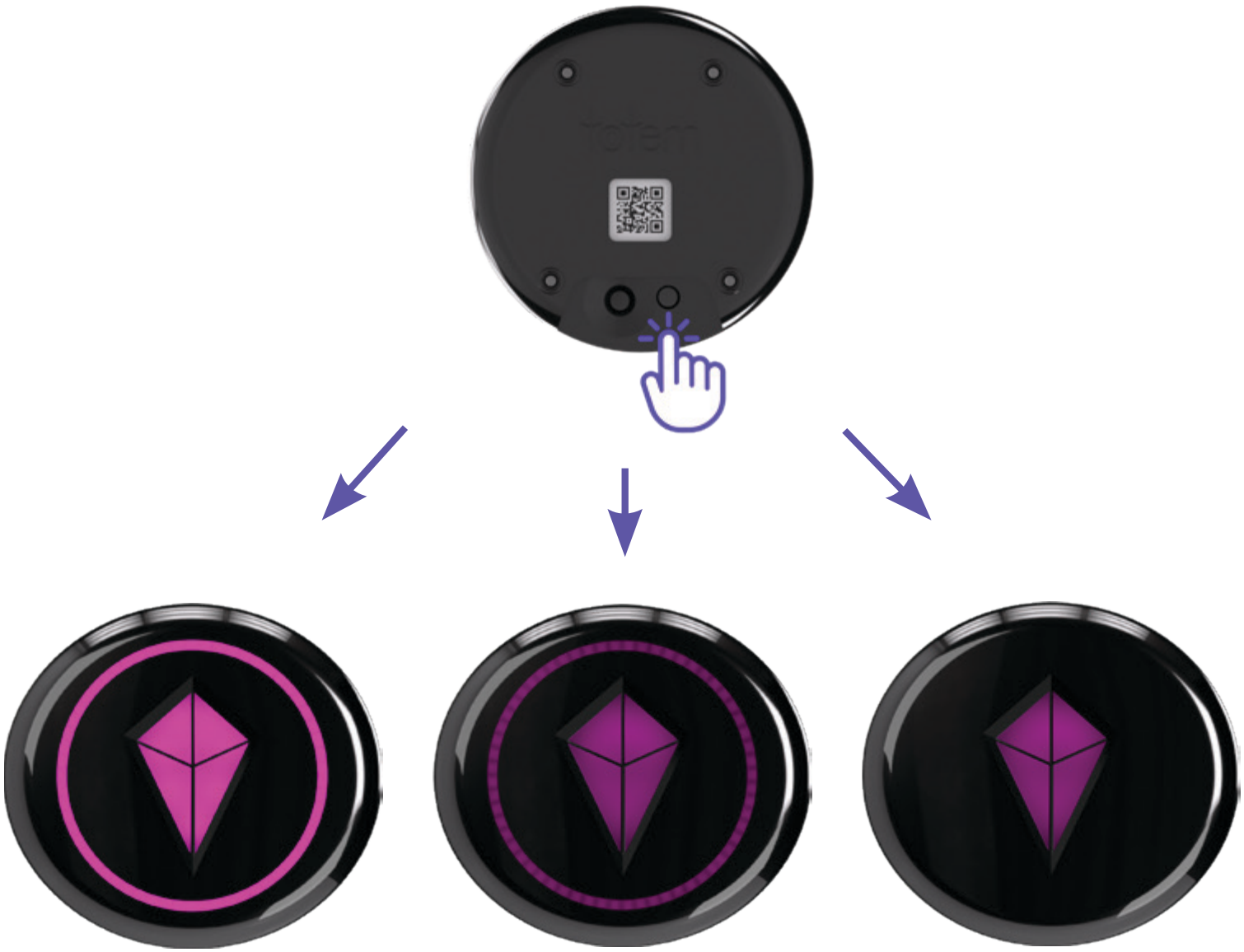
Remove Bond

Brightness Settings

Your Totem has **3 brightness settings** that impact battery life:

1. **Day Vibe** (~10 hours)
2. **Night Vibe** (~14 hours)
3. **Eco Mode** (24+ hours)

To toggle between brightness settings, **click the Power Button once** while your Totem is powered on.



Day Vibe
~10 hours

Night Vibe
~14 hours

Eco Mode
24+ hours

Touch Crystal Colors

Touch Crystal colors are for **aesthetic purposes only** and **do not correlate** to Bond Light colors.

To change your Touch Crystal color:

1. Enter **Compass Mode**
2. **Single-tap** Touch Crystal to change color
3. **Continue tapping** Touch Crystal to cycle through twelve different colors

Available Crystal Colors

Software Updates

Totem releases **periodic, free Software Updates** downloadable straight to your device.

Remember to update your Totem Compass **before** you leave for any outdoor event.

scan to download software update

Support & Troubleshooting

If you encounter an issue with your Totem Compass, ensure you have updated your device to the **latest software version.**

For all Totem Compass Resources & Support, **scan the QR code below:**

scan for resources & support

Care & Maintenance

Handling & Storage

- Handle with care and store in a soft pouch or case when not in use.
- Avoid placing the device in pockets or bags with sharp objects.

Water Resistance

- The Totem Compass can withstand light rain and splashes but should not be submerged in water.
- Dry immediately if exposed to moisture.

Charging

- Ensure the charging port is free of dirt or moisture before connecting.

Cleaning

- Fingerprints and smudges may appear on the surface. Use a soft, dry microfiber cloth to gently wipe the device.
- For deeper cleaning, use a slightly damp cloth with water or mild soap. Avoid harsh chemicals or abrasive materials.

Environmental Care

- Prolonged exposure to direct sunlight or extreme temperatures may affect battery performance and device longevity.
- Keep the device away from excessive dust, sand, or debris, especially in outdoor environments.

Conditions for Use

- Use the device **outdoors in open areas** with a clear view of the horizon to maintain a reliable Satellite Connection.
- Keep the device at least **one foot away** from **smart phones, iron-based objects** or **heavy metal structures**, as these can interfere with accuracy and satellite connection.
- **Protect from shock** or hard impact.
- **Do not** modify or disassemble.
- **Do not** expose to open flames, submerge in water, or use underwater.

Battery Life & Range

Maximum Battery Playtime*:

- Day Vibe: ~10 hours
- Night Vibe: ~14 hours
- Eco Mode: 20+ hours

Charging Time:

- Charges in ~45 minutes via standard USB-C
- Charging Light turns green on full charge

Range:

Peer-to-peer range is **~1 kilometer,** but Unity Mesh Network™ extends that range for all Totems in the network.

**Battery Playtime may vary based on environmental conditions and usage. Battery life is subject to continued improvement.*

Performance Variables

The Totem Compass leverages **Global Navigation Satellite Systems** (GNSS) to provide accurate positioning and navigation. However, several factors can influence its performance:

Environmental Obstructions: Physical obstructions such as dense foliage, tall buildings, or mountainous terrain can cause signal reflection or blockage, leading to multipath errors and decreased positional accuracy.

Atmospheric Conditions: Variations in the Earth's ionosphere, particularly during solar flares and geomagnetic storms, can disrupt GNSS signals.

Solar Activity: Elevated solar activity can induce scintillation events in the ionosphere, degrading the quality of satellite signals. In standard GNSS receivers, mild scintillation can reduce position accuracy by several meters, while severe scintillation can cause signal loss.

Weather Conditions: Adverse weather can have minor effects on the strength and quality of GNSS signals, potentially impacting the device's performance.

Electromagnetic Interference: Proximity to strong electromagnetic sources or environments with high radio frequency interference can disrupt GNSS signal reception, leading to potential inaccuracies.

Technical Specifications

Model: Totem Compass Gen 1

Power Adapter Charging Voltage: 5V

Max Charging Current: 1A

Battery Type: LiPo ion

Battery Capacity: 1000 mAh

Wireless Frequency/Protocol: 2.4GHz

Charging Port: USB type C

Operating Temperature: -10°-60°C / 14°-140°F

Housing Material: MABS

Size: 58x58x24 mm/ 2.28x2.28x0.95 in

Weight: 54.17g/0.119lb

Safety Features: Over-voltage and under-voltage protection to ensure safe operation within the specified voltage range.

- Thermal shutdown prevents the device from overheating during high-stress conditions
- Designed with safeguards to prevent damage from short circuits

Lanyard Material: 100% polyester braided around a core of 10 natural latex threads

Lanyard Relaxed Size: 360 x 2.5 mm

Lanyard Stretched Size: 620 x 2.5 mm

USB-C Cable Type: Type A to C

USB-C Max Input: Max 2A

Warranty Information

Your limited warranty starts on the date of your purchase and lasts for **one (1) year**. The Warranty Period is not extended if we repair or replace a warranted product. We may change the availability of this limited warranty at our discretion, but any changes will not be retroactive.

This limited warranty covers defects in materials and workmanship in products purchased from the Website. **For more information:**

scan to view Terms of Sale

Return Policy

Except for any products designated on the Website as non-returnable, we will accept a return of **undamaged products for a refund of your purchase price**, less the original shipping and handling costs, provided such return is made **within sixty (60) days of delivery*** and provided such products are returned in their **original condition and packaging.**

For more information:

scan to view Terms of Sale

**Return window subject to extend based on reason for return*

This package contains **recyclable materials.**

Please dispose of it **responsibly** by recycling where facilities exist.

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Designed in Tennessee

Made in China