

KRYSTAL

User Manual

How to set up, use, customize, and troubleshoot the KRYSTAL companion app

KRYSTAL turns a compatible Bluetooth device into a speech driven companion. It listens and interprets your words, completely on device, then responds with sound, movement, mood, and light.

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1 Getting Started

KRYSTAL is a companion app for a compatible Bluetooth unit. The normal experience is a live loop: you speak or type, KRYSTAL interprets the emotional meaning of the words, and the unit answers with a sound, a movement when an appropriate mode is active, and a symbolic mood shown across the app. This is word-level interpretation; KRYSTAL does not analyze vocal pitch, volume, or inflection.

Requirements. Use an iPhone or iPad running iOS or iPadOS 18.5 or later. Bluetooth and microphone access are required for the full experience. A compatible unit is required for pairing and physical reactions, but you can prepare KRYSTAL without one. An Apple Watch and a compatible light up Park Band are optional companions.

Privacy. Speech is processed live on the device. KRYSTAL does not record, save, upload, or share your speech. There are no accounts, ads, or analytics. The app uses Bluetooth to communicate directly with the unit.

The main areas

Area	What it is for
Mainframe	Unit identity, holo, personality, sound profile, listening timeout, notification type, calibration, reset, and legal links.
Com Uplink	The live conversation surface. Speak or type, see the transcript, and watch the unit's mood and reactions.
Modes	Expressive, Travel, Pet Entertainer, Park Band Companion, and Black Screen Overlay.
Gestures	Manual movement buttons for basic moves and expressive choreographies.
Signals	Radar view of nearby beacons and other units, plus the saved unit's connection controls.
Calibrate	A two direction spin test that compensates for movement changes as batteries drain.

2 First Launch and Setup

A short branded splash appears at launch. On the first run, KRYSTAL opens the setup wizard. The welcome screen gives you three paths.

Choice	Use it when	What happens
Initialize Unit	A unit is with you and ready to pair.	Collects identity, optional holo, microphone access, Bluetooth pairing, activation, and final checks.
Set Up Without a Unit	You want to prepare KRYSTAL before the unit is available.	Saves the series, designation, personality, and alignment, then waits on a Unit Preparation screen until you choose Initiate Activation.
Bypass Unit Pairing	You want to explore without saving a unit profile.	Uses a temporary session and sample holo. It does not save the profile, pairing, or sound changes.

Initialize Unit

- Choose a chassis series: R, BB, C, BD, or A.
- Enter an optional designation. If left blank, KRYSTAL uses Your Unit.
- Choose a personality or starting preset, adjust the five traits, and choose an alignment. If you change a preset, KRYSTAL asks you to name and save the copy in one of five custom slots.
- Add a holo photo or skip it for now.
- Complete Coms Detection. Grant microphone access, then speak until the equalizer shows a strong input signal.
- On Find Unit, power on the unit, turn off its original controller, keep it nearby, and tap Scan. Use Ping to identify a specific nearby unit. Ping only makes it chirp; Activate claims and binds it.
- Watch the activation phases complete. The physical unit performs its own activation routine.
- On Final Checks, say hello, confirm that the equalizer reacts, and tap Continue.

Pairing tip. A unit normally pairs with one controller at a time. If the original controller or another app is active, the scan may find nothing. Turn that controller off before scanning.

Set Up Without a Unit

This path asks only for the series, designation, personality, and alignment. It does not request the microphone, camera, or Bluetooth pairing. The Unit Preparation screen preserves your choices and offers Initiate Activation when your unit is ready. Use the edit control there to change the saved details before pairing.

Bypass Unit Pairing

Bypass is deliberately temporary. It lets you explore the live app with a bundled sample holo and sample Signals feed, but it never writes the unit profile, pairing, holo, personality, or sound profile to disk. A fresh launch returns to the normal setup state.

3 Navigation and Layout

The top bar is always available after setup. Tap the KRYSTAL wordmark or top bar to return to Mainframe. The top bar also shows the microphone control, unit connection status, and the Park Band indicator when the companion is armed.

Device	Navigation
iPhone portrait	A floating pill dock at the bottom. The holo in the center opens Com Uplink. Modes and Gestures sit on one side; Signals and Calibrate sit on the other.
iPhone landscape	The pill rotates to a vertical dock along the left edge. Com Uplink briefly returns to portrait while the keyboard is active.
iPad	A permanent left rail. The unit and Com Uplink are at the top, followed by Mainframe, Modes, Gestures, Signals, and Calibrate. Tap the chevron to expand or collapse labels.

Responsive layouts. iPad screens reflow for Split View and Stage Manager. Com Uplink becomes a two column layout, Modes use a grid, Signals can place the radar beside the unit panel, and Sound Mapper can use a two column workspace.

4 Com Uplink

Com Uplink is the core interaction screen. It shows the unit holo, its current mood symbol, name, connection state, mode status, chat history, and the input bar.

Start and stop listening

- Open Com Uplink and tap the waveform microphone control. The icon glows blue, a haptic and confirmation sound mark the start, and the iOS orange microphone indicator appears.
- Speak naturally. KRYSTAL waits for an utterance, transcribes the words on device, classifies their emotional meaning, then reacts. It does not classify vocal pitch, volume, or inflection.
- Tap the waveform again to stop. Stopping releases the microphone immediately.

No unit connected. KRYSTAL can still listen, interpret the emotional meaning of the words, and show mood responses. The status reads No Unit Connected Mood Responses Only; the physical unit simply cannot move or play its onboard sounds.

Speak or type

The text field accepts typed lines and sends them through the same command and emotion path as speech. Press Return to submit. The field clears while the keyboard remains open for another line.

What appears after a line

Surface	Result
Your message	A right aligned blue bubble with the exact transcript or typed text.
Unit mood	A left aligned symbol only bubble with the mood color and holo avatar. The unit does not answer in words.
Movement	A separate action bubble when a gesture runs.
Current state	Idle, Listening, Thinking, Stopped, or No Unit Connected Mood Responses Only.
Response sound	A confirmation chime follows the notification type selected in Mainframe.

Mood legend

Mood	Meaning shown in the app
Happy	Warm positive reaction.
Excited	High energy positive reaction.
Sad	Low or hurt reaction.
Angry	Forceful negative reaction.
Scared	Alarm or retreat reaction.
Disgusted	Revulsion or rejection reaction.
Curious	Interest or investigation.
Confused	Unclear or conflicted reaction.

Mood	Meaning shown in the app
Defensive	Guarded or protective reaction.
Neutral	Resting or low signal reaction.

One symbol everywhere. Each reaction chooses one symbol from its mood pool. The same symbol is used in the head bubble, chat, Live Activity, and Apple Watch so the surfaces agree. Tap Legend in Com Uplink to decode symbols.

Notification Type. Standard plays one consistent chime. Dynamic chooses a mood specific chime from that mood's sound set. Muted removes the chime. These are in Mainframe and follow media volume rather than the ring or silent switch.

5 Holo Identification

The holo is your unit's photo rendered as a blue hologram. It appears in the dock, Com Uplink, Mainframe, Live Activity, Lock Screen, and Apple Watch. If no photo is saved, KRYSTAL uses a generic unit glyph.

- From Mainframe, tap the holo image and choose Take photo or Choose photo. Camera access is requested only for Take photo; Photos access is requested only for Choose photo.
- Wait while KRYSTAL cuts the unit out on device. If no clean subject is found, use Full frame.
- Choose Isolate unit or Full frame. Drag the photo to reposition it and use the zoom slider to fit it in the portrait viewport.
- Check the Holo, Dock, and Avatar previews. Tap Save when the framing looks right.

Editing later. Reopening Holo identification restores the saved framing, so you can reposition or resize the existing holo without taking a new picture.

6 Personalities and Alignment

A personality controls how strongly and in what style the unit reacts. The five traits use whole-number values from 1 to 5. Alignment is a separate disposition that affects how the unit treats notable friends and rivals.

Trait	Low value	High value
Brave	Spooks easily	Holds its ground
Curious	Shrugs off the unknown	Cannot resist a mystery
Sassy	Lets it slide	Claps back
Playful	Keeps composed	Hypes hard
Sensitive	Brushes off bad news	Takes it to heart

Alignment	Effect
Independent	No loyalties. Reactions come from temperament.
Heroic	Warm toward heroes and wary of villains.
Ruthless	Favors hard liners and is wary of heroes.
Rogue	Sides with fellow rogues and has no love for authority.

Presets and slots. The built in presets are read only starting points. Modified presets are saved as copies. Five custom personality slots can be named, edited, selected, and reused. Custom personalities survive Reset KRYSTAL.

7 Sound Profiles

A sound profile maps the unit's onboard sounds to moods. It is independent of personality, so you can mix any personality with any sound profile that fits the unit.

Build a sound profile

- From Mainframe, open Sound Profile and tap Edit. A connected unit is required because Play auditions the real unit.
- Move through the sound bank with Back, Play, Next, Skip, and Stop. Use Jump to Sound to go to a numbered sound.
- Assign one or more moods to the current sound. Ten emotion moods plus Start Up and Blaster are built in.
- Use Save Labels and Go to Next Sound to record tags in the draft, or Skip to mark a sound reviewed without tagging it.
- When the discovery is complete, tap Save Unit Acoustic Package, name the profile, and choose a custom slot. Editing a locked Default creates a copy in one of five custom slots.

Custom moods. Tap New Mood to enter a name, choose or paste a symbol, and optionally add a recognition hint. Hold a custom mood to enter delete mode. Built in moods cannot be deleted. A mood with no tagged sounds is not offered to the reaction engine.

Sound map transfer. Export Sound Map writes the current draft as a JSON file and opens the system share sheet. Import Sound Map accepts a valid KRYSTAL sound map JSON, asks for a name and custom slot, and makes the imported profile active immediately.

Profile type	Behavior
Default Profile 1	Locked built in map, the general or R style starting point.
Default Profile 2	Locked built in map, the BB style starting point.
Sound Profile 1 to 5	Editable custom slots. Names and mappings are saved and survive Reset KRYSTAL.

8 Modes and Companions

Modes is the Subroutines page. Expressive, Travel, and Pet Entertainer are reaction modes and are mutually exclusive. Park Band Companion and Black Screen Overlay are companion surfaces and can run alongside the reaction modes.

Native companion functionality. KRYSTAL preserves the compatible device's normal behavior. While KRYSTAL is open and active, it listens for Park Beacons and other nearby devices and relays those signals to the unit, which responds as it normally would. The compatible device does not broadcast its presence. Apple's privacy protections prevent KRYSTAL from openly broadcasting the device's identity, even in BSO mode. If the app is locked or sent to the background, iOS stops this listening. BSO mode keeps KRYSTAL active in the foreground while locking the app controls, allowing the unit to keep listening and responding without accidental touches.

Voice enable modes

The Voice enable modes switch controls whether spoken phrases may start a mode or trigger a movement gesture. When it is off, use the mode buttons to start modes; deactivation phrases, sound commands, navigation that is already active, and the Say hi introduction remain available. The switch is on by default.

Expressive Mode

Expressive Mode adds a physical movement to some emotional reactions. Angry and disgusted reactions move more often than other moods. It also enables the spoken movement gestures in the command reference. Turning Expressive off returns conversation to sound and mood reactions without commanded movement.

BB surface. For BB units, choose Hard Surface or Carpet on the Expressive card or Gestures page. The same setting is shared between both pages. When Expressive is started by voice, KRYSTAL asks for the surface. This keeps ball turns accurate.

Travel Mode

Travel Mode is a driving companion. It reacts to launches, braking, turns, and bumps with sound only; it does not drive the unit's legs while the vehicle is moving. A safety notice appears the first time it is activated. Accept it only after reading the traffic and distraction warning.

Travel setting	How to use it
Reaction Sensitivity	Chill reacts only to hard maneuvers. The middle range reacts to spirited launches, stops, and turns. Twitchy reacts to small leans and nudges.
Navicomputer	Choose Apple Maps. Google Maps appears when it is installed.
Destinations	Add a name, search and select an address, choose an icon, and save. Tap a saved destination to hand it to Maps.
Sample Phrases	Use the built in phrase examples as a starting point; the complete trigger list is in Section 16.

Maps handoff. KRYSTAL opens the selected maps app while KRYSTAL is in the foreground. Specific navigation phrases can turn Travel Mode on automatically. Ambiguous phrases are safest when Travel Mode is already active. Category searches open nearby results rather than starting a fixed route.

Pet Entertainer

Pet Entertainer sends a randomized movement burst and sound at random intervals between about 30 seconds and 3 minutes. It keeps the unit awake between bursts. Do not leave a moving unit unattended, and give it clear floor space.

Park Band Companion

Set up, pair, and activate the compatible light up Park Band in the official park app on the same phone first. Then open Modes, choose Park Band Companion, and tap Activate. The first reaction pairs with the nearest band. Use Switch Park Band to change bands and Refresh connection if the band stops responding.

- Gold band icon means the band is linked right now.
- Blue band icon means the companion is armed but the battery saving connection is asleep between reactions. This is normal.
- The band shows color only. It does not vibrate.

Black Screen Overlay

Tap Engage BSO Mode to keep KRYSTAL in the foreground with a dark, low power screen. Signals continue to update and reactions appear as a small glyph. The screen dims further when still and brightens when tapped or picked up. Slide the crystal upward and hold to return to the app. BSO keeps the screen on, so it still uses some battery.

9 Gestures

Gestures is the manual movement panel. The caution line tells you when the unit moves for real. Buttons are dimmed when the unit is offline or when a movement is unavailable for the current model.

Group	Button	Action
Basic Movements	Forward	Straight forward
Basic Movements	Back Up	Straight reverse
Basic Movements	Turn Left	90 degree in place pivot
Basic Movements	Turn Right	90 degree in place pivot
Basic Movements	About Face	Clean 180 degree turn in place
Expressions	Come Back	180 degree turn then moves forward
Expressions	Happy Dance	Celebratory forward and spin shuffle
Expressions	Happy Spin	360 degree spin
Expressions	Moonwalk	Reverse with a 360 degree spin midway
Expressions	Angry Charge	Full power forward charge
Expressions	Scared Retreat	Bolts backward
Expressions	Sad Drift	Slow dejected drift back
Expressions	Curious Nudge	Small forward nudge
Expressions	Defensive Back	Short guarded step back

Safety. Give the unit a few feet of clear floor. For BB units, set the correct surface before movement. Calibration and gestures are most reliable on a hard, flat, open surface unless the screen explicitly tells you otherwise.

10 Signals and Connections

Signals is a radar view of nearby beacons and other units. Stronger signals sit on tighter rings near the center; weaker signals sit farther out. Tap a ring, glyph, or signal card to spotlight it.

Signal feature	Meaning
Current Zone	The strongest nearby beacon, when one is present.
In range	Counts nearby areas and units and lists their names and dBm readings.
Nothing in range	No live beacon or unit has been heard recently. Move closer to a broadcasting area or unit.

Signal feature	Meaning
Unit panel	Shows the saved unit's holo, name, short ID, CONNECTED or DISCONNECTED state, and Connect, Reconnect, or Disconnect.

Reconnection behavior

- KRYSTAL remembers the specific unit it paired with and targets that unit on later reconnects.
- At launch it tries to reconnect automatically. A cold launch may show a brief Resuming Session overlay while the on device voice and logic models warm up.
- If the unit drops out of range or powers off, KRYSTAL cancels in progress movement, keeps mood responses available, and continues scanning for the saved unit.
- A scan attempt lasts about 10 minutes. Tap Reconnect to start another window.
- Disconnect is intentional. It stops scanning and disables automatic reconnect until you tap Connect or Reconnect.
- If Bluetooth is off or permission is denied, enable it in iOS Settings. KRYSTAL resumes the queued connection when access is available.

11 Calibration

Calibration compensates for under rotation as batteries drain. It applies to all gestures and expressive reactions. Re-run it after replacing batteries or servicing the motors.

Run a calibration

- Open Mainframe and tap Calibration, or choose Calibrate from navigation.
- For wheeled units, place the unit on a hard flat surface with room to spin. Do not use carpet or an uneven surface.
- For BB units, hold the unit or brace it so it cannot roll away, then judge the head's turn rather than the body's travel.
- Tap Run Calibration. KRYSTAL temporarily mutes the microphone so motor noise is not classified.
- After the right spin, choose the result from full 360, over 3/4, 3/4, 1/2, 1/4, or less than 1/4. Repeat for the left spin.
- If both directions reach at least Over 3/4, KRYSTAL performs a victory spin and saves the calibration. Otherwise it recalculates and retries, up to three attempts.

Best effort. After three unsuccessful attempts, KRYSTAL stores a best effort value and advises fresh batteries and another calibration. If the problem persists, the motivators may need service. Leaving mid test opens a Cancel Calibration confirmation and does not silently abandon the test.

12 Mainframe Settings and Reset

Setting	What you can do
Unit identity	Change the holo, edit the unit name, view series, link ID, connection state, and personality summary.
Personality	Select a saved personality or open Edit Personality.
Sound Profile	Select a default or custom package. Edit requires a connected unit.

Setting	What you can do
Listening Timeout	Choose 5, 10, 20, 30, or 60 minutes, or Never. Quiet time resets when speech is heard or a reaction occurs.
Notification Type	Choose Standard, Dynamic, or Muted response chimes.
Calibration	Open the spin test described in Section 11.
Privacy and Legal	Open the Privacy Policy and Terms of Use links.
Reset KRYSTAL	Clear the current unit profile so another unit can be paired.

Reset KRYSTAL

Reset clears the current unit's identity and assignments, pairing, and calibration. It does not delete custom personality or sound profiles. A final confirmation appears before the reset, then the app returns to first run setup.

Listening timeout exceptions. Travel Mode and Pet Entertainer keep the session awake while active. Expressive Mode and ordinary listening still honor the timeout.

13 Live Activity and Apple Watch

Live Activity

Turning listening on starts a Live Activity automatically. It mirrors the holo, unit name, mood symbol, listening or muted state, and active modes on the Dynamic Island and Lock Screen. Tapping the body returns to Com Uplink.

Control	What it does
Expressive	Opens KRYSTAL and toggles Expressive Mode.
Travel	Opens KRYSTAL and toggles Travel Mode.
Pet	Opens KRYSTAL and toggles Pet Entertainer.
Mute or Unmute	Opens KRYSTAL and soft pauses or resumes the microphone. Mute keeps the session alive.

Apple Watch

Open the KRYSTAL watch app once and allow notifications if you want wrist taps. While the watch app is open, the phone pushes the latest live reaction card with holo, name, mood symbol, and listening state. When the phone is locked and the watch app is not in front, each reaction can arrive as a watch notification with a gentle haptic. During a rapid flurry, the watch avoids buzzing for every single update and keeps the card current.

14 Privacy Permissions Battery and Accessibility

Permission	When KRYSTAL asks and why
Microphone	When you choose Initialize Unit or first turn on listening. Needed for live speech transcription and word-level emotional classification. Declining still leaves typed input available.

Permission	When KRYSTAL asks and why
Bluetooth	When KRYSTAL needs to scan, pair, or control the unit.
Camera	Only when you choose Take photo for the holo.
Photos	When you choose a library image for the holo.
Watch notifications	On the Apple Watch, for wrist reaction alerts. The live card still works while the watch app is open if you decline.

No location permission. Travel Mode destination search and saved addresses work without location permission because KRYSTAL hands the destination to the selected maps app.

Battery guidance

- Sound only reactions use less unit battery than physical movement.
- Manual gestures, Expressive Mode, and Pet Entertainer use more battery because they move the unit. Pet Entertainer also keeps it awake.
- Listening uses the phone microphone, on device processing, and Bluetooth. A shorter Listening Timeout reduces draw and stops the mic sooner.
- BSO reduces screen brightness but leaves the screen on so scanning can continue.

Accessibility

- VoiceOver labels the major controls, including Start listening, Stop listening, and movement buttons.
- Reduce Motion tones down holo animation.
- Mood meaning is never color only: the app pairs color with symbols and the Legend.
- The interface uses readable text and generous tap targets.

Release behavior notes

KRYSTAL is designed to keep microphone state visible. When listening is active, the app shows an in app listening state, iOS shows the orange microphone indicator, and the Live Activity mirrors listening. Phone calls, Siri, alarms, and competing audio can interrupt the microphone; KRYSTAL releases it and attempts to resume when the interruption ends. Turning listening off, using Live Activity Mute, or closing the app releases the microphone.

For the best experience, keep the unit charged, give it clear floor space for movement, use fresh batteries, calibrate after a battery change, and add a holo photo so the same unit identity follows you across the app, Lock Screen, Dynamic Island, and watch.

15 Complete Voice and Text Command Reference

This section lists every hardcoded user phrase in the shipping visible command parser. The same matching path is used for spoken transcripts and typed lines. Commands are checked before emotional classification, so a matched command is obeyed rather than turned into a mood reaction.

Addressing the unit. Movement phrases use an imperative safety gate. Short commands may be preceded by R2, R2 D2, Artoo, hey, okay, yeah, yep, so, well, alright, um, uh, please, now, look, listen, or oh. A conversational line such as Did you back up the files is not treated as a movement command. The parser also accepts curly apostrophes from speech recognition.

Mode safety. The Voice enable modes switch must be on to start Expressive, Travel, or Pet by voice, or to fire a movement gesture. Deactivation phrases, quick sound commands, and the introduction command remain available when the switch is off. Movement phrases physically move the unit only while Expressive Mode is active.

Quick sound commands

Command	Exact phrases
Stay awake	stay awake
Go to sleep	go to sleep
That way	that way

These play fixed hardware confirmation sounds. They do not create a mood turn and do not drive the unit.

Introduction command

Command	Exact phrases
Say hi	say hi; say hello; say hey; introduce yourself; introduce yourselves

The introduction plays two short happy and excited sound beats, with a dome movement on the first beat. It does not drive the legs.

Expressive mode

Command	Exact phrases
Start Expressive	activate expressive mode; go into expressive mode; start expressive mode; little expressive; get expressive; move around; stretch your legs; start expressive; feel free to roam; roll around; go around
Stop Expressive	end expressive mode; deactivate expressive mode; stop moving; stand still; go stationary; your done

Pet Entertainer

Command	Exact phrases
Start Pet	go play with the cats; go play with the dog; go play with the others; activate pet mode; go play
Stop Pet	end pet mode; deactivate pet mode; stop pet mode; stop playing around

Travel mode

Command	Exact phrases
Start Travel	activate travel mode; start travel mode; go into travel mode; enter travel mode; travel mode on; let's go for a drive; lets go for a drive; let's hit the road; lets hit the road; we're heading out
Stop Travel	end travel mode; deactivate travel mode; stop travel mode; travel mode off; we've arrived; weve arrived

Expressive movement gestures

These phrases are physically active only when Expressive Mode is on. With Expressive Mode off, the same words fall through to ordinary emotional conversation. The parser checks each short sentence separately, so a command can appear after a conversational sentence if the command clause itself is imperative.

Command	Exact phrases
Forward	come here; come to me; get over here; move forward; go forward
Come back	come back; don't be like that; it's okay; its okay; sorry about that
Back up	back up; move back; step back; give me space; back away; reverse; away; go back
Dance	hell yeah; hell yes; woohoo; woo hoo; let's go; lets go
Retreat	look out; watch out; run; get out of there
Moonwalk	bust a move; do a moonwalk; do the moonwalk
Turn right	look right; face right; turn to your right; turn right
Turn left	look left; face left; turn to your left; turn to the left; turn left
Go right	go right; move right
Go left	go left; move left

Let's go is a dance only when it is a standalone command. Let's go home, let's go to a destination, and let's go for a drive are handled by Travel navigation or Travel activation instead.

Travel navigation destination phrases

Replace the final words with a destination. Strong phrases may activate Travel Mode automatically. The selected maps app opens only while KRYSTAL is in the foreground.

Command	Exact phrases
Course and heading	plot a course to [destination]; plot a course for [destination]; set a course to [destination]; set a course for [destination]; set course for [destination]; lay in a course to [destination]; lay in a course for [destination]; set a heading for [destination]; set a heading to [destination]; lay in a heading to [destination]; lay in a heading for [destination]

Command	Exact phrases
Directions	start navigation to [destination]; navigate to [destination]; take me to [destination]; bring me to [destination]; guide me to [destination]; get directions to [destination]; directions to [destination]; get me to [destination]; get us to [destination]; drive to [destination]; route me to [destination]; route to [destination]; head to [destination]
Everyday destination	how do i get to [destination]; let's go to [destination]; lets go to [destination]; let's head to [destination]; lets head to [destination]; i want to go to [destination]; i need to go to [destination]; go to [destination]

Specific phrases such as navigate to and plot a course to are unambiguous. Everyday phrases such as go to are intentionally more conservative and are most reliable while Travel Mode is already active or when the destination matches a saved destination.

Travel navigation home phrases

Command	Exact phrases
Go home	take me home; let's go home; lets go home; plot a course home; lay in a course home; navigate home; drive home; head home; go home

Travel search phrases

Replace the final words with a category or place type. Search phrases open nearby results for you to choose from rather than creating a fixed destination route.

Command	Exact phrases
Find nearest	find me the nearest [category]; find me the closest [category]; find the nearest [category]; find the closest [category]; locate the nearest [category]; where's the nearest [category]; where is the nearest [category]; show me the nearest [category]
Find a place	find me a [category]; find me an [category]; find me the [category]; find me [category]; locate a [category]; locate an [category]; locate the [category]; locate [category]; where can i find [category]; search for [category]
Look for	look for [category]; find [category]

Bare find and look for are intentionally weaker triggers and are most reliable when Travel Mode is already active. A phrase such as find me an ice cream shop is a strong search request.

Lay in a course speech recognition variants

The navigation parser includes a tolerant speech recognition pattern for course language. It recognizes lay in a course and these common transcript variants: layin' course, laying course, laid in course, lain course, lane course, and lay course. The wording may include a, in, to, for, towards, toward, at, or on before the destination. A bare course phrase activates Travel Mode without opening Maps.

16 Troubleshooting

Problem	What to check
The unit does not react	Check the green connection dot, make sure listening is on, power the unit, keep it nearby, and tap Reconnect on Signals if needed.
Not reacting to another nearby device	See Native companion functionality in Section 8. KRYSTAL must be open and active to hear and relay nearby-device signals. Use BSO to keep listening active; the compatible device does not broadcast its presence.
Not picking up Park Beacons	See Native companion functionality in Section 8. KRYSTAL must be open and active, Bluetooth must be enabled, and the compatible device must be connected. Use BSO to keep beacon listening active.
Other nearby devices are not reacting to mine	This is expected. Apple's privacy protections prevent KRYSTAL from openly broadcasting the device's identity, even in BSO mode, so no other device will register or react to it.
Moves fall short	Replace batteries and run Calibration again. Verify that the unit has clear floor space.
Microphone will not turn on	Open iOS Settings, find KRYSTAL, enable Microphone, return to Com Uplink, and try again.
The unit is missing from pairing	Power it on, turn off the original controller, move it close, tap Scan or Rescan, Ping the correct row, then Activate it.
The holo cutout is wrong	Choose Full frame or retake the photo against a simpler background.
Apple Watch shows nothing	Pair the watch, keep it nearby, open KRYSTAL on the watch once, and allow notifications if you want haptics.
No response chime	Raise media volume and check Mainframe Notification Type. Muted intentionally removes the chime.
The unit seems asleep	Talk to it or reconnect. Pet Entertainer keeps it awake for repeating activity.
Listening stopped	Check Listening Timeout and whether a call, Siri, alarm, or another app's audio interrupted the microphone.
The mood feels wrong	Speak with clearer expression or adjust the Sensitive trait and other personality traits.
The Park Band stays dark	Charge and power it, verify official park app setup, then tap Refresh connection. Blue is normal between reactions.

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