BEACN

BEACN HEADSET



USER MANUAL

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03
WHAT'S IN THE BOX



1 **BEACN HEADSET**
BEACN Headset, with the leatherette pads on.

2 **BOOM MICROPHONE**
Detachable boom mic. It plugs into the four-pole socket on the left ear cup, keyed so it only seats one way.

3 **WIRELESS DONGLE**
Plugs into your computer and carries the 2.4 GHz wireless link. Game audio and chat audio both run over it. Your headset and dongle are already paired to each other.

4 **EAR PAD SETS (LEATHERETTE AND FABRIC)**
Two sets of gel-cooled pads. Leatherette isolates more. Fabric feels more open.

5 **USB-A TO USB-C CABLE**
Charges BEACN Headset, and carries 24-bit audio when you plug it straight into a computer.

6 **USB-C EXTENSION CABLE**
Use it to move the dongle off the back of your computer and out where you can see it. The dongle is USB-C, so the extension takes it straight off a USB-C port.

7 **ADHESIVE DONGLE HOLDER**
Sticks to your desk or your monitor and holds the dongle out in the open instead of behind your machine.

8 **3.5 MM STEREO CABLE**
Connects BEACN Headset to a phone, a controller, or anything else with a headphone jack. One four-pole cable carries stereo audio and the mic.

9 **MICROFIBER SUEDE CARRY BAG**
Holds BEACN Headset, the dongle and the spare pads when you travel.

04

GET TO KNOW YOUR HEADSET

A power button, a wheel and a mic mute button, all on the left ear cup, run everything on BEACN Headset.



CONTROLS

1 **POWER BUTTON**

Power on and off, switching source, and Bluetooth® pairing. Top of the three, with the status light just above it.

2 **WHEEL**

Scroll it to set volume, or the amount of whatever you have selected in Wheel Mode. It only scrolls - there is nothing to press.

3 **MIC MUTE BUTTON**

Mute and unmute the mic, play, pause, skip a track, and open Wheel Mode. Bottom of the three.

4 **STATUS LIGHT**

The one status light on BEACN Headset, just above the power button. There is no separate charge light.

CONNECTIONS



1 **USB-C PORT**
Charging, and 24-bit audio at 48 kHz or 96 kHz straight into a computer.

2 **3.5 MM JACK**
Analog audio in and mic out on one four-pole jack.

3 **BOOM SOCKET**
Where the boom plugs in. A 3.5 mm four-pole socket, keyed so the boom only seats one way.

THE REST OF THE HEADSET

1. **BOOM MIC**
   An omnidirectional condenser capsule on a boom that comes off.

2. **MIC MUTE LED**
   The red light on the boom. It shows solid red while the mic is muted, and does nothing else.

3. **EAR PADS**
   Both pad sets fit the same cups. They press on with clips, so you can swap them by hand.

4. **HEADBAND**
   Metal-reinforced, with high-tension arms that hold where you set them.

5. **DRIVERS**
   50 mm silk drivers, one per ear, with their own EQ curve each in the BEACN App.

WIRELESS DONGLE

1 **USB CONNECTOR**
Plugs into a USB-C port on your computer. The connector sits at a right angle so the dongle lies flat.

2 **STATUS LIGHT**
Purple, in the three states below.



SOLID PURPLE
Connected to BEACN Headset and streaming audio.



SLOW FLASHING PURPLE
Connected to BEACN Headset, but not streaming audio.



FAST FLASHING PURPLE
Pairing mode. The dongle is looking for BEACN Headset.

05
GETTING STARTED

In this section we'll get BEACN Headset charged and connected.

There are two sources the power button steps between:

- ULL Wireless
- Bluetooth

USB and the 3.5 mm cable are separate paths and aren't part of that rotation.

5.1 CHARGE IT

BEACN Headset charges over the same USB-C port it uses for audio. Give it a full charge before your first long session. With BEACN Headset turned on, a short press of the power button announces the battery level.

1. Plug the USB-C end of the USB cable into the USB-C port on BEACN Headset.
2. Plug the USB-A end of the USB cable into your computer or a USB charger.
3. With BEACN Headset off, check the status light above the power button. It flashes red while charging and goes green when the battery is full.

5.2 CONNECT WITH THE WIRELESS DONGLE

The dongle and USB-C are the two main ways into your computer, and the dongle is the one most people use. It's already paired to BEACN Headset, so there's nothing to set up: plug it in and you're wireless.

1. Plug the dongle into a USB port on your computer. The extension cable and the adhesive holder are handy if the port is hard to get at.
2. Hold the power button for three seconds, then let go.
3. Wait for "Wireless connected" in your ears to confirm that BEACN Headset has found the dongle.
4. If the status light is not purple, press the power button twice until it is.

REACH FOR THE DONGLE WHEN YOU WANT TO

- Get up mid-session without unplugging anything
- Keep one more cable off your desk
- Play games on the ultra-low-latency wireless link
- Sit further from your computer than a cable would reach

5.3 CONNECT WITH USB-C

USB-C is the other main connection. The mic runs at its highest resolution here, 24-bit at 48 kHz or 96 kHz, and BEACN Headset charges the whole time you're plugged in. The status light shows white while you're on USB.

1. Plug the USB-C end of the USB cable into the USB-C port on BEACN Headset.
2. Plug the USB-A end of the USB cable into your computer.
3. In Windows, set Headphones (BEACN Headset) as your default playback device and set Microphone (BEACN Headset) as your default recording device.

REACH FOR USB-C WHEN YOU WANT TO

- Record or stream with the mic at full resolution
- Charge and listen at once, so a long session never runs the battery down
- Carry one cable and no dongle to keep track of
- Settle in at a desk where you're staying put anyway

5.4 CONNECT WITH BLUETOOTH

Bluetooth is for everything that isn't your main computer: your phone, a tablet, a TV, or a media box like a Roku or an NVIDIA Shield. BEACN Headset holds two Bluetooth connections at the same time, and a second incoming call doesn't cut off the first.

1. Start with BEACN Headset powered off. Bluetooth pairing runs from off, not from on.
2. Hold the power button for five seconds to start pairing. The status light fast-flashes blue.
3. On your phone, open the Bluetooth settings and pick BEACN Headset from the list. On Windows 11 it also turns up as a Swift Pair notification while it is discoverable.
4. Wait for the connected prompt to confirm it is paired.

IMPORTANT NOTE

Bluetooth audio plays at the same time as your other sources. With the 3.5 mm cable in, or with USB connected, you hear both together.

5.5 CONNECT WITH THE 3.5 MM CABLE

The 3.5 mm cable works with anything that has a headphone jack, and a game controller is where most people use it. PlayStation takes the dongle or a USB-C cable directly, and that's the better option there. Xbox takes neither, so the 3.5 mm cable into the controller is how you get mic and audio both ways on Xbox.

Pressing the power button won't switch to the cable and won't switch away from it - the cable just works whenever it's plugged in. All three controls keep working while you listen this way.

1. Plug one end of the 3.5 mm cable into the jack on BEACN Headset.
2. Plug the other end into the device you want to listen to.

5.6 UNLOCK MORE WITH THE BEACN APP

BEACN Headset works out of the box with no software at all. The BEACN App is where you go for more: the full mic chain, headphone EQ, mic monitor, and app-by-app mixing if you make content. It's a free download.

1. Head to **beacn.com/pages/downloads** and download the BEACN App for Windows. It needs Windows 11, an Intel or AMD CPU, and a supported BEACN product.
2. Run the installer and follow the prompts.
3. Open the BEACN App and pick BEACN Headset.

06
CONTROLS REFERENCE

Three controls sit on the left ear cup, top to bottom:

- **Power Button** - power, source, battery level and Bluetooth pairing.
- **Wheel** - scrolls only. It sets volume, or the amount of whatever you have selected in Wheel Mode.
- **Mic Mute Button** - mute, media, and Wheel Mode.

BOOM MIC ON, BOOM MIC OFF

Three things change depending on whether the boom mic is plugged in:

- **Mute** - only exists with the boom on.
- **Media controls** - what each press does changes slightly depending on whether the boom is connected. Both sets are listed in full over the next few pages.
- **Mic Monitor** - only appears in the Wheel Mode list with the boom on.

WHAT EACH CONTROL DOES

POWER BUTTON	
HOLD 3S - RELEASE	Turns BEACN Headset on. Let go at three seconds. Only works from off.
HOLD 3S	Turns BEACN Headset off. Keep holding. Only works from on.
PRESS	Announces the battery level. Only works from on. A short press, not a hold.
PRESS 2X	Steps between ULL Wireless and Bluetooth. The status light above the power button changes colour with it.
OFF - HOLD 5S	Starts Bluetooth pairing. Start from powered off, not from on. The status light fast-flashes blue.

WHEEL	
SCROLL	Turns whatever the wheel is set to up or down. Volume until you change it in Wheel Mode. You hear a tone at minimum and at maximum. The wheel only scrolls - it does not press.

MIC MUTE BUTTON - BOOM MIC ON	
PRESS	Mutes and unmutes the mic. The red LED on the boom lights while you are muted. If a call is coming in, the same press answers it instead.
PRESS 2X	Plays or pauses. Works on whatever source you're on.
PRESS 3X	Skips forward a track. Works on whatever source you're on.
PRESS 4X	Skips back a track. Works on whatever source you're on.
HOLD 2S	Opens Wheel Mode, where you choose what the wheel adjusts. You hear "Wheel Mode, Volume". While you're on a call, the same hold ends or rejects the call instead.
PRESS - IN WHEEL MODE	Steps to the next thing the wheel adjusts: Volume, Subwoofer, Chat Mix, Mic Monitor. In Wheel Mode. Scroll the wheel to set the amount.

MIC MUTE BUTTON - BOOM MIC OFF	
PRESS	Plays or pauses. Nothing to mute with the boom off, so the whole ladder moves up one press.
PRESS 2X	Skips forward a track.
PRESS 3X	Skips back a track.

Every one of these works on its own, with no software running. The BEACN App is what adds the full mic chain, headphone EQ, mic monitor and app-by-app mixing on top - see Getting Started.

07
STATUS LIGHTS

BEACN Headset has one status light: the small round indicator above the power button.

- Its colour tells you which source you're on.
- It turns red when the battery gets low.
- The two charge states below only show while BEACN Headset is off AND plugged in. Off with nothing plugged in, the light stays dark.
- Powered on, the light keeps showing the source you're on, even while it charges.
- The red light on the boom isn't a status light. It only shows when the mic is muted.



SOLID WHITE

You're on USB.



SOLID PURPLE

You're on ULL Wireless, the 2.4 GHz link to the dongle.



SOLID BLUE

You're on Bluetooth.



FLASHING BLUE

Bluetooth is on, but not connected to anything.



FAST FLASHING BLUE

Bluetooth pairing mode. Discoverable and waiting for a device to pair with it.



FAST FLASHING PURPLE

BEACN Headset is looking for the dongle. The dongle's light does the same.



SOLID RED

The battery is low.



FLASHING RED

BEACN Headset is off and charging.



SOLID GREEN

BEACN Headset is off, plugged in, and fully charged.

08
BATTERY AND CHARGING

BEACN Headset runs on a built-in rechargeable lithium-ion battery and charges over USB-C.

BATTERY LIFE

Three ways to read the level:

- **In the BEACN App** - open Settings for BEACN Headset and look for the battery line. It reads "Battery: 60%", and picks up a "(charging)" on the end while it's charging. The level moves in steps of ten.
- **On the headset** - press the power button once and BEACN Headset speaks the level.
- **In your ears** - BEACN Headset warns you when the battery is low, warns you again when it's critical, and shuts down after that.
- **On the status light** - it turns red when the battery is low.

CHARGING

Plug the USB-C end of the USB cable into the USB-C port on BEACN Headset and the USB-A end into your computer or a USB charger. BEACN Headset charges from a 5 V DC supply, so any standard USB charger will do.

You can keep using BEACN Headset while it charges.

IMPORTANT NOTE

Charge only when the ambient temperature is between 0°C (32°F) and 45°C (113°F). Charging outside this range reduces battery life and may be unsafe.

09
WEARING AND CARE

BEACN Headset weighs 350 g. The headband is metal-reinforced, so most of the adjustment happens in the arms rather than in the band flexing.

FIT

Slide the arms out until the pads sit fully over your ears and the band rests on top of your head without pressing. The arms are high-tension and hold where you set them, so you should only have to do this once.

Then set the boom. Closer picks up more of your voice and less of your room, so don't park it out by your cheek. Leave about the length of the USB extension holder, or two fingers side by side, between the capsule and the corner of your mouth.

SWAPPING THE EAR PADS

Two sets of gel-cooled pads ship in the box. Leatherette isolates more of the room. Fabric feels more open. Swapping them takes no tools.

1. Hold the ear cup in one hand. Push down on the inside of the cup while you pull up on the sides of the pad. Four clips built into the pad hold it to the cup, and lifting from the sides alone can break them.
2. Line the new pad up with the cup and press it on the whole way round.
3. Press harder than you think you need to. You're listening for a solid click, which is all four clips home.

REMOVING THE BOOM ARM

The boom comes off, and nothing else changes when it does. BEACN Headset doesn't sense whether the boom is fitted, so mute state, audio mode and the lights all stay exactly as they were.

1. Hold the left ear cup in one hand. The boom socket is on the same side as the controls.
2. Pull the boom straight out of its socket. A small key bump on the plug means it only goes back in one way round, so line it up and push it home.



CLEANING

Wipe the pads, the band and the boom with a dry microfiber cloth. For anything the cloth won't shift, dampen it very slightly with water and wring it out first. Keep solvents, alcohol and cleaning sprays away from the pads - they break down the coating on the leatherette.

STORAGE

Use the carry bag. It keeps the pads from picking up dust and the finish from picking up scratches. Keep BEACN Headset out of extreme heat and cold, and take it out of a hot car rather than leaving it there.

IMPORTANT NOTE

BEACN Headset is not rated for water resistance. Do not use it in rain or other wet conditions, and do not expose it to liquids. Moisture ingress may damage the electronics and voids the warranty.

10 TROUBLESHOOTING

Here's what we've seen people run into, and what to try first.

THE BEACN APP SAYS BEACN HEADSET ISN'T CONNECTED TO THE DONGLE.

1. Check the dongle is in a USB port on the computer and that the BEACN App is running.
2. Hold the power button for three seconds to make sure BEACN Headset is on.
3. If the app says "Headset in Bluetooth mode. Please switch headset to wireless mode.", press the power button twice until the status light is purple.

NOTHING YOU CHANGE IN THE BEACN APP REACHES BEACN HEADSET.

1. The BEACN App reaches BEACN Headset over the dongle or over USB, and over nothing else - not Bluetooth, not the 3.5 mm cable. Press the power button twice until the status light is purple for ULL Wireless, or white for USB. With USB and the dongle connected at the same time, USB takes precedence and the light stays purple rather than turning white.
2. Open Settings and check that a serial number and a firmware version show for both BEACN Headset and the dongle. "Not Connected" in those fields means the dongle can't see BEACN Headset.

WINDOWS SHOWS A LONG LIST OF BEACN DEVICES AND YOU DON'T KNOW WHICH ONE TO PICK.

1. For listening, pick Headphones. For your mic, pick Microphone. Those two are the physical hardware.
2. Leave anything labelled "(Do Not Use)" alone. Mic Relay (Do Not Use) and LDM Relay (Do Not Use) are plumbing the BEACN App uses internally.
3. Assign the rest - Chat, Music, Game, Browser, System, Aux 1 and Aux 2 - to the applications you want to control separately.

THE MIC PICKS UP YOUR KEYBOARD, YOUR FANS, OR THE ROOM.

1. Open the NOISE SUPPRESSION tab on the Headset Mic Chain page and raise Amount.
2. Set Style to Snapshot, click Take Snapshot, and stay quiet through the "Be Quiet ... 5" countdown so it captures the room instead of you.

A FIRMWARE UPDATE FAILED.

1. Reset and replug the failed device over USB. Its row reads "Failed - reconnect to retry" until you do.
2. Press Continue to run it again.

YOU GET CRACKLES OR STATIC ON A COMPUTER.

1. Move the dongle onto the desk with the extension cable and holder instead of leaving it behind the machine.
2. Take BEACN Headset off a powered USB hub and put it straight into the computer.

AN APPLICATION DOESN'T SHOW UP IN YOUR SOURCES LIST.

1. Make sure audio is actually playing through it first.
2. Check that the application is set to the BEACN endpoint you assigned it to.

BEACN HEADSET WON'T TURN ON.

1. Charge it over USB-C for a few minutes and try again.

YOUR PHONE CAN'T FIND BEACN HEADSET.

1. Turn BEACN Headset off, then hold the power button for five seconds - Bluetooth pairing runs from off.
2. Pick BEACN Headset from the list on your phone as soon as it appears.

YOU CAN'T HEAR YOURSELF.

1. Open the Headset Headphones page in the BEACN App and raise Mic Monitor.
2. Or hold the mic mute button for two seconds to open Wheel Mode, press it until you reach Mic Monitor, then scroll the wheel up - Mic Monitor is only in that list with the boom mic connected.
3. Check that the mic isn't muted: a press of the mic mute button mutes it, and you hear a prompt each way.

THE DONGLE AND BEACN HEADSET HAVE LOST EACH OTHER.

1. Plug the dongle into your computer and hold its button for about ten seconds. Its light fast-flashes purple.
2. With BEACN Headset powered off, hold the power button for about ten seconds until the status light fast-flashes purple.
3. Wait for "Wireless connected" in your ears.
4. If the status light still isn't purple, press the power button twice until it is.

THE WHEEL IS CHANGING THE WRONG THING.

1. Hold the mic mute button for two seconds to open Wheel Mode.
2. Press the mic mute button until you land on the one you want: Volume, Subwoofer, Chat Mix or Mic Monitor.
3. Scroll the wheel to set the amount.

Still stuck? Head to **support.beacn.com**, email us at **support@beacn.com**, or come and find us in the Discord at **discord.gg/BEACN**. Community members are amazing at helping each other out, so don't hesitate to reach out there too.

11 SPECIFICATIONS

BEACN Headset has the following specifications:

HEADPHONES

DRIVERS
50 mm silk drivers

EQ
10-band parametric EQ per ear

BASS
Custom BEACN subwoofer algorithm

MICROPHONE

CAPSULE
Omnidirectional condenser capsule on a detachable boom

USB AUDIO
24-bit, 48 kHz and 96 kHz over USB

PROCESSING
Broadcast Voice DSP: compressor, expander, noise suppression, EQ, de-esser, bass enhance, exciter

CONNECTIONS

WIRELESS

2.4 GHz ultra-low-latency wireless, via the supplied dongle. Headphones run 24-bit at 48 kHz or 96 kHz; the mic runs 16-bit at 16 kHz or 48 kHz

USB-C

USB-C - 24-bit / 96 kHz audio and charging. Rated 5 V DC

BLUETOOTH

Bluetooth LE, two devices at once. A2DP, AVRCP, HFP, HSP

ANALOG

3.5 mm analog - stereo in, mono mic out.

FIT & FINISH

WEIGHT

350 g

HEADBAND

Metal-reinforced headband, high-tension adjustable arms

EAR PADS

Two gel-cooled ear pad sets - leatherette and fabric

WHAT'S IN THE BOX

CORE

BEACN Headset, wireless dongle, USB-A to USB-C cable

CABLES AND MOUNTS

USB-C extension cable, adhesive dongle holder, 3.5 mm stereo cable

EXTRAS

Two gel-cooled ear pad sets, microfiber suede carry bag

12
SAFETY AND HANDLING

Read this section before you use BEACN Headset.

HEARING SAFETY

PROTECT YOUR HEARING

Listening at high volume levels through headphones can cause permanent hearing damage. The risk increases with both the volume level and the duration of exposure.

As a guide:

- **85 dB(A)** — safe for up to 8 hours per day (comparable to busy traffic noise)
- **95 dB(A)** — safe for no more than 50 minutes per day
- **100 dB(A) and above** — can cause damage in 15 minutes or less

Signs that the volume is too high: you cannot hear people speaking to you at a normal voice level, others nearby can hear audio from your headphones, or you notice ringing or muffled hearing after use.

Start each listening session at a low volume and increase only as needed. Take regular breaks. BEACN recommends using the in-app equaliser to achieve the sound you want at the lowest volume that still satisfies you.

BATTERY SAFETY

BATTERY SAFETY — READ BEFORE USE

The BEACN Headset contains a built-in rechargeable lithium-ion battery. Follow these precautions to prevent fire, explosion, leakage, injury, or damage to property.

- **Do not disassemble, crush, puncture, or short-circuit the battery.** Do not attempt to remove the battery from the headset. The battery is not user-serviceable.
- **Do not expose to heat or fire.** Keep the headset away from heat sources, open flames, and direct sunlight for extended periods. Do not store in a closed vehicle in high heat.
- **Do not expose to water or moisture.** The headset is not waterproof.
- **Charge only with approved accessories.** Use only the USB-C cable supplied with the headset, or a USB charger that supplies 5 V and complies with the USB specifications. The headset is rated for a 5 V DC charging input. Using unapproved chargers may damage the battery or cause fire.

- **Charge within the rated temperature range.** Charge only when the ambient temperature is between 0°C (32°F) and 45°C (113°F). Charging outside this range reduces battery life and may be unsafe.
- **Do not leave charging unattended for extended periods.** Disconnect from the charger once fully charged if practical.
- **Stop using immediately if the battery swells, leaks, emits an unusual odour, or becomes abnormally hot during use or charging.** Place the headset in a non-flammable location away from people and flammable materials. Contact BEACN support at support@beacn.com.
- **If electrolyte leaks and contacts skin or eyes,** flush immediately with clean water for 15 minutes and seek medical attention.
- **Keep out of reach of children and pets.**
- **Do not dispose of in household waste.** See disposal instructions in this manual.
- **Do not transport the headset in checked baggage** if the battery is swollen or damaged. Lithium-ion batteries are subject to transport regulations (IATA Dangerous Goods Regulations; US DOT 49 CFR Part 173). A non-damaged consumer lithium-ion battery at less than 100 Wh is permitted in carry-on baggage. Battery capacity: 1000 mAh.

GENERAL HANDLING

ATTENTION TO SURROUNDINGS

Do not use the headset in situations where reduced awareness of your environment could be dangerous, including while driving, cycling, operating machinery, or crossing streets. You are responsible for your own safety and the safety of others.

MOISTURE AND WATER

The BEACN Headset is not rated for water resistance. Do not use in rain or other wet conditions, and do not expose to liquids. Moisture ingress may damage the electronics and voids the warranty.

SKIN IRRITATION

The ear cushions contain synthetic leather and foam materials. If you experience skin irritation during extended use, discontinue use and consult a physician.

CHILDREN AND SMALL PARTS

CHOKING HAZARD

The headset includes small parts including the 3.5 mm cable, detachable boom microphone, and cable adapters. Keep all small parts out of reach of children under 3 years of age.

MEDICAL DEVICES

MAGNETS AND IMPLANTED MEDICAL DEVICES

The BEACN Headset contains magnets (used in the driver assemblies and ear cushion attachment system). Magnets can interfere with pacemakers, implantable cardioverter defibrillators (ICDs), and other implanted medical devices. If you use an implanted medical device, consult your physician before using the headset. Keep the headset at least 15 cm (6 inches) from any implanted medical device while wearing it.

IMPORTANT NOTE

Stop using immediately if the battery swells, leaks, emits an unusual odour, or becomes abnormally hot during use or charging. Place the headset in a non-flammable location away from people and flammable materials. Contact BEACN support at support@beacn.com.

RESPONSIBLE PARTIES & REPRESENTATIVES

FCC RESPONSIBLE PARTY (USA)
Americas Compliance Consulting LLC dba iCertifi
2445 NE Division Street, Suite 202
Bend, Oregon 97703
USA
Email: fccagent@icertifi.com
Tel: +1 (866) 885-4575

EU AUTHORISED REPRESENTATIVE
iCertifi B.V., Amsterdam, Netherlands

UK AUTHORISED REPRESENTATIVE
iCertifi Global Approvals LTD, Ruislip, London, UK

13 REGULATORY AND COMPLIANCE INFORMATION

The statements in this section are reproduced in full.

MODEL AND IDENTIFICATION

This manual covers two devices, supplied together in one package.

Product name: BEACN Headset
Trade mark: BEACN
Model number / SKU number: 055845300648
FCC ID: 2BRSW0064
IC: 34705-0064
Input: 5 V
Made in China
CAN ICES (B) / NMB (B)
Manufacturer: Beacon Hill Innovations Ltd.

Product name: BEACN Dongle
Trade mark: BEACN
Model number / SKU number: 055845300662
FCC ID: 2BRSW0066
IC: 34705-0066
Input: 5 V
Made in China
CAN ICES (B) / NMB (B)
Manufacturer: Beacon Hill Innovations Ltd.
Description: 2.4 GHz wireless USB-C dongle, supplied in the box with BEACN Headset and not sold separately.

USB Vendor ID / Product ID: 0x33AE / 0x0010 (BEACN Headset); 0x33AE / 0x8010 (BEACN Dongle)

FCC PART 15 — COMPLIANCE STATEMENT

BEACN Headset — FCC ID: 2BRSW0064
BEACN Dongle — FCC ID: 2BRSW0066

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 the party responsible for compliance could void the user's authority to operate the equipment.

FCC PART 15 — CLASS B NOTICE

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 equipment 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 to 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.

ISED CANADA

BEACN Headset — IC: 34705-0064
BEACN Dongle — IC: 34705-0066

This device complies with ISED Canada licence-exempt RSS standard(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.

CAN ICES (B) / NMB (B)

Le présent appareil est conforme aux CNR d'ISDE Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

CAN ICES (B) / NMB (B)

FCC RF Exposure Warning Statement:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment can be used in portable exposure conditions.

ISED Radio Frequency Exposure Statement:
This equipment complies with ISED exposure limits set forth for an uncontrolled environment. This equipment can be used in portable exposure conditions.

Déclaration d'ISDE sur l'exposition aux radiofréquences :
Cet équipement est conforme aux limites d'exposition d'ISDE établies pour un environnement non contrôlé. Cet équipement peut être utilisé dans des conditions d'exposition portables.

EUROPEAN UNION — CE

BEACN Headset carries the CE mark and is assessed against Directive 2014/53/EU (Radio Equipment Directive) and Directive 2011/65/EU as amended by 2015/863/EU (RoHS), covering:

- Article 3(1)(a) — health and safety, including RF exposure (EN 62368-1, EN 50332, and EN 62479 or EN 50663)
- Article 3(1)(b) — electromagnetic compatibility (EN 301 489-1 plus the applicable EN 301 489-17 part)
- Article 3(2) — effective use of spectrum (EN 300 328 for the 2.4 GHz ISM band, covering both the proprietary link and Bluetooth LE)

EU DECLARATION OF CONFORMITY

Hereby, Beacon Hill Innovations Ltd. declares that the radio equipment types BEACN Headset, model 055845300648, and BEACN Dongle, model 055845300662, are in compliance with Directive 2014/53/EU.

Manufacturer: Beacon Hill Innovations Ltd., 204-1075 Pendergast St., Victoria BC V8V 0A1, Canada. Trade name: BEACN. Council Directives: 2014/53/EU (Radio Equipment Directive); 2011/65/EU as amended by 2015/863/EU (RoHS). Signed by Neil Hindle.

UNITED KINGDOM — UKCA

Hereby, Beacon Hill Innovations Ltd. declares that the radio equipment types BEACN Headset, model 055845300648, and BEACN Dongle, model 055845300662, are in compliance with the Radio Equipment Regulations 2017.

Manufacturer: Beacon Hill Innovations Ltd., 204-1075 Pendergast St., Victoria BC V8V 0A1, Canada. Trade name: BEACN. UK legislation: Radio Equipment Regulations 2017 (SI 2017 No 1206); Electromagnetic Compatibility Regulations 2016 (SI 2016 No 1091); Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (SI 2012 No 3032). Signed by Neil Hindle.

Northern Ireland continues to accept the CE mark under the Windsor Framework, so the EU declaration above covers Northern Ireland.

RADIO FREQUENCY BANDS AND POWER

Radio frequency bands, as required by Article 10(8) of Directive 2014/53/EU:

- 2.4 GHz Proprietary Wireless — 2400–2483.5 MHz (2.4 GHz ISM)
- Bluetooth LE — 2402–2480 MHz

BLUETOOTH

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BATTERY AND WEEE DISPOSAL



Disposal — Electrical and Electronic Equipment (WEEE)

Do not dispose of this product with general household waste. This symbol indicates that this product must be disposed of separately from household waste, in accordance with local regulations. When this product reaches the end of its life, take it to a designated collection point for the recycling of electrical and electronic equipment. By disposing of this product correctly, you help prevent potential harm to the environment and human health that could otherwise result from improper waste handling.

For information on the nearest collection point, contact your local municipal office or the retailer where you purchased the product.

Disposal — Battery

The BEACN Headset contains a built-in lithium-ion battery that is not user-removable. Do not attempt to remove the battery yourself. At end of life, deliver the complete headset to a designated collection point for WEEE or battery recycling. Do not dispose of in household waste or fire.

ROHS AND REACH

This product complies with EU Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS 2), as amended by EU Directive 2015/863/EU (RoHS 3). This product does not contain the restricted substances above the maximum concentration values established by the directive.

MANUFACTURER

Manufacturer: Beacon Hill Innovations Ltd.
204-1075 Pendergast St.
Victoria BC V8V 0A1
Canada

Trade name: BEACN
Made in China
support@beacn.com

ADDITIONAL STATEMENTS

This product is designed to meet EN 50332-1:2013 and EN 50332-2:2013 with respect to maximum sound pressure levels for portable audio equipment.

14 SUPPORT

We're a small team in Victoria, BC. Here's how to reach us.

If you have software or setup questions, we support those for free through support.beacn.com and our public Discord server. Since we're a small team, we can't offer 24/7 support, but the Discord is awake at hours we aren't.

Warranty terms are at **beacn.com/warranty**.

EMAIL
support@beacn.com

DISCORD
discord.gg/BEACN

HELP CENTRE
support.beacn.com

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