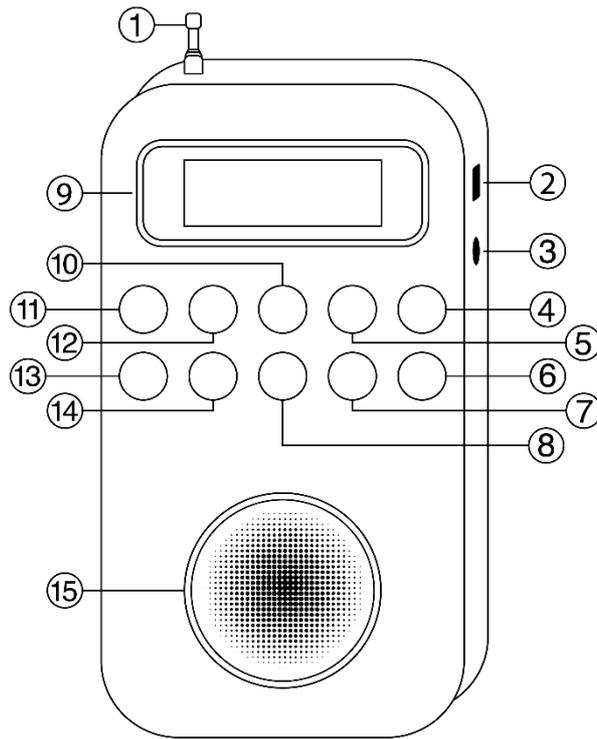


HexBox User Guide

For more information visit:

www.ghostronics.net



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Introduction

Thank you for choosing the HexBox, our advanced spirit communication device. Designed for serious paranormal investigators, this tool combines a high-performance radio scanning engine, randomised MP3 playback, and intuitive reverb and sweep functions — all controllable via onboard buttons. With an extendable antenna, built-in rechargeable battery, and a user-friendly LCD, it's built to support your fieldwork day or night.

Features

- **Rechargeable BL-5C Battery:** Built-in battery with USB-C charging and easy rear access for replacements.
- **Multi-Mode Operation:** Includes Standard Sweep, Channel Hop, Channel Skip, Wordbank (MP3/WAV file) mode, and Bluetooth mode.
- **AM/FM Scanning with Adjustable Sweep Speeds:** Choose from 8 sweep rates (50ms–400ms) and scan forward or backward.
- **Integrated Reverb Control:** Adjustable reverb adds a spooky echo to responses, enhancing the overall paranormal atmosphere.
- **Telescopic Antenna with Cutoff Option:** For controlled white noise experimentation.
- **MP3 Playback from Micro SD Card:** Wordbank mode plays stored MP3 or WAV files randomly, from root or folders.
- **Backlit LCD Display:** Backlit screen shows sweep speed, mode, volume, station, reverb, and more.
- **3.5mm Audio Output:** Connect headphones or external speakers directly.
- **Bluetooth Connectivity:** Connect your phone to the HexBox via Bluetooth and play audio from your favourite ghost hunting apps directly through the HexBox speaker.

Power & Charging

- The device features a **built-in BL-5C rechargeable battery**.
- Charge the device via the **USB-C port**.
- Can operate continuously while connected to a **USB battery pack**.
- The **battery access panel** on the back allows for easy replacement of the BL-5C battery.

Ports & Connectivity

- **USB-C Port:** For charging or continuous power.
- **3.5mm Audio Jack:** Connect headphones for private listening, or a speaker.
- **Battery Access Panel:** Located on the back for battery swaps.
- **Bluetooth:** Output audio from ghost hunting apps on your phone.
- **Memory Card Slot:** Supports playing MP3 or WAV files stored on Micro SD cards.

Antenna

- Built-in **telescopic antenna** integrated into the body (not externally attached).
- Can be toggled on or off using the Antenna Cutoff function.

LCD Display

- Backlit display for improved readability in the dark.
- Displays the following:
 1. Battery level
 2. Sweep speed
 3. AM/FM mode
 4. Current radio station
 5. Reverb level
 6. Antenna cutoff status
 7. Current scan mode
 8. Volume level

Startup Behaviour

- On power-up, the device:
 1. **Scans and stores** all strong FM stations.
 2. **Scans and stores** all strong AM stations.
- Stored station list is **cleared when powered off**.
- A **progress bar** is shown during the scanning process.

Buttons & Controls

- **Power:** Turns the device on or off.
- **Volume Up:** Increases output volume.
- **Volume Down:** Decreases output volume.
- **Sweep Forwards:** Starts scanning forward through stations.
- **Sweep Backwards:** Starts scanning backwards through stations.
- **Sweep Rate:** Cycles through sweep speeds (50ms to 400ms).
- **AM/FM:** Toggles between AM and FM radio bands.
- **Reverb:** Cycles through reverb levels (Off, Level 1-5).
- **Mode:** Press once to cycle between scanning modes: Standard, Channel Hop, and Channel Skip. Press and hold to switch between Bluetooth and Wordbank modes.
- **Antenna Cutoff:** Enables or disables the antenna.

Modes Explained

Press once to cycle between scanning modes: Standard, Channel Hop, and Channel Skip. Press and hold to switch between Bluetooth and Wordbank modes.

1. **Standard Mode:** Continuously scans through all stations (AM/FM), uses selected sweep speed.
2. **Channel Hop Mode:** Scans only saved broadcast stations, and produces no white noise.
3. **Channel Skip Mode:** Skips saved stations, and plays only white noise between frequencies.
4. **Wordbank Mode:** Plays MP3 or WAV files from the memory card in random order (supports folder-based file organization). Files under 3 seconds play in their entirety. For files over 3 seconds, a random 3-second segment is played.
5. **Bluetooth Mode:** Connect your phone or tablet to the HexBox via Bluetooth. Play your favourite ghost hunting apps through the HexBox speaker.

Bluetooth Mode

The HexBox includes built-in Bluetooth connectivity, allowing you to stream audio from your phone or tablet directly through the device's speaker. This is ideal for playing audio from ghost hunting apps or any other paranormal tools on your mobile device.

To Use Bluetooth Mode:

- Press and hold the mode button until Bluetooth Mode is displayed on the screen.
- On your phone, enable Bluetooth and search for available devices.
- Select "HexBox" from the list to connect.
- Once connected, play audio from your preferred ghost hunting app — it will be routed through the HexBox speaker.

Scanning

Before starting a scan, you can customise the experience by adjusting the following settings:

- **Sweep Speed:**
Cycle through sweep intervals from **50ms to 400ms** to control how quickly the device scans between frequencies.
- **AM/FM Preference:**
Select **AM** or **FM** mode depending on your preference and location.
- **Reverb Level:**
Add depth or echo to incoming audio by choosing from **six reverb levels**: Off, Level 1–5.
- **Scanning Mode:**
Choose between:
 - **Standard** (continuous scan)
 - **Channel Hop** (broadcast stations only)
 - **Channel Skip** (white noise only)

Once configured, start scanning forwards or backwards using the dedicated buttons.

Wordbank Mode

Plays MP3 or WAV files from a microSD card in random order. Files under 3 seconds play in full; longer files play a random 3-second segment. Supports folder-based organisation. The HexBox is available with or without a preloaded card — you can also use your own, containing custom files. Wordbank Mode ignores sweep settings and scan direction.

To Use Wordbank Mode:

- Insert a microSD card containing MP3 or WAV files.
- Press and hold the mode button until Wordbank mode appears on the screen. If the device enters Bluetooth mode, press and hold the mode button again.
- Press the forward scan button to begin playback.

More Information

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