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› [Putikeeg HAMCUBE Mini CW Trainer Morse Code Trainer User Manual](#)

## Putikeeg A

# Putikeeg HAMCUBE Mini CW Trainer Morse Code Trainer User Manual

Model: A

## 1. INTRODUCTION

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Thank you for choosing the Putikeeg HAMCUBE Mini CW Trainer. This device is designed to assist in learning, practicing, and mastering Morse Code (CW) through various exercises including sending, copying, and decoding. Its compact size and long battery life make it suitable for practice anywhere. This manual provides essential information for the safe and effective use of your HAMCUBE Mini CW Trainer.

## 2. PRODUCT OVERVIEW

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The HAMCUBE Mini CW Trainer is a portable device featuring a display for interactive learning. It includes various ports for connectivity and control buttons for navigation.



Figure 2.1: The HAMCUBE Mini CW Trainer device shown with its protective pouch, USB-C adapter, and charging cable.

## 2.1 Device Components and Interfaces

# Product function interface

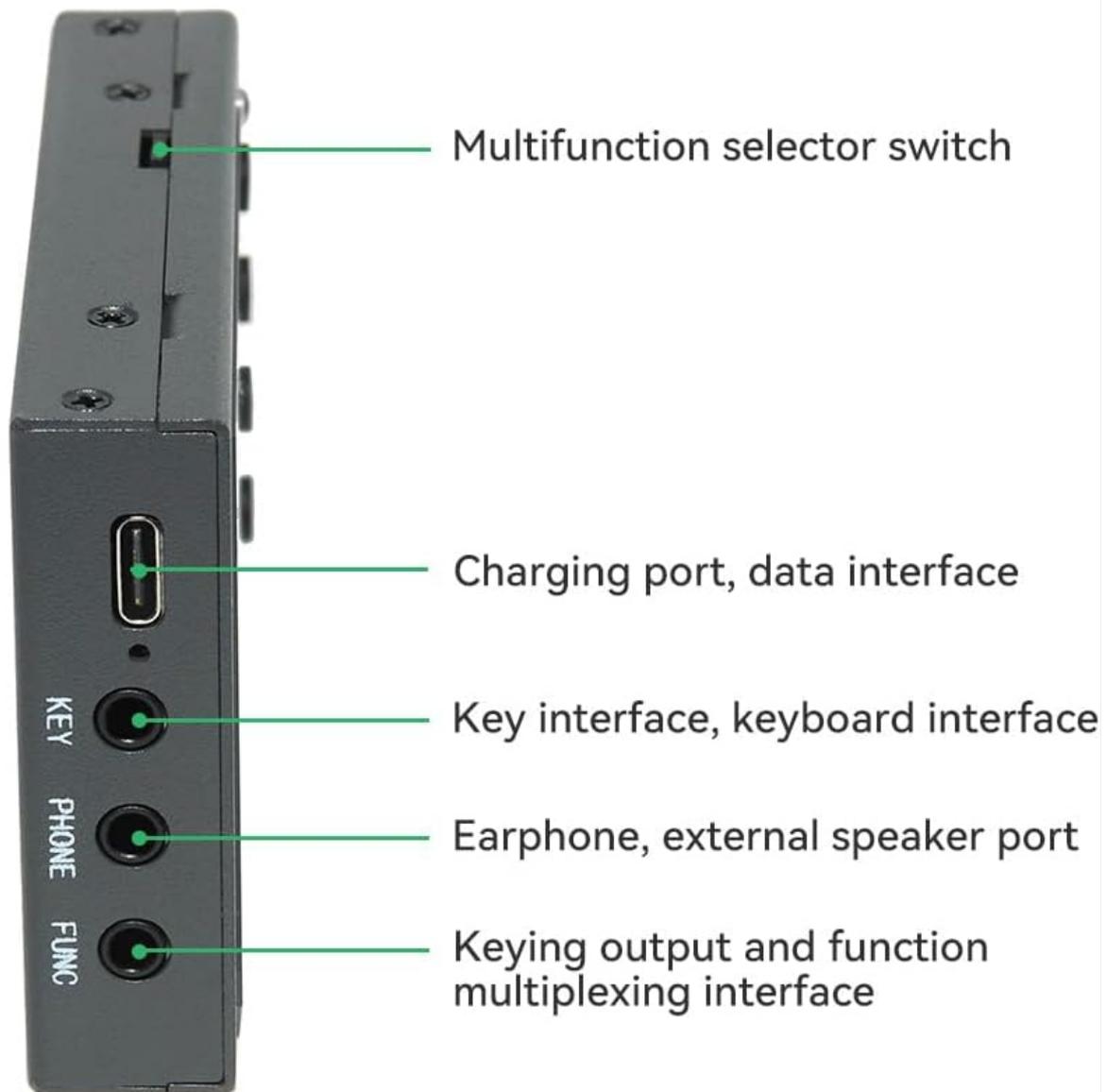


Figure 2.2: Side view of the HAMCUBE Mini CW Trainer, highlighting its various ports and controls.

- **Multifunction Selector Switch:** Used for navigation and selection within the device menu.
- **Charging Port / Data Interface:** A USB-C port for charging the internal battery and for data transfer.
- **Key Interface / Keyboard Interface:** A 3.5mm jack for connecting an external Morse Code key or a keyboard.
- **Earphone / External Speaker Port:** A 3.5mm jack for connecting headphones or an external speaker for audio output.
- **Keying Output / Function Multiplexing Interface:** A 3.5mm jack for connecting to external devices for keying output or other functions.

## 3. SETUP

### 3.1 Initial Charging

Before first use, fully charge the HAMCUBE Mini CW Trainer. Connect the provided USB cable to the Charging Port/Data Interface on the device and to a standard USB power adapter (not included) or a

computer's USB port. The device has a built-in 2500mAH lithium battery, providing up to 20 hours of continuous standby time.

### 3.2 Powering On/Off

To power on the device, press and hold the top multi-button (Multifunction Selector Switch) until the display illuminates. To power off, navigate to the power-off option in the menu or press and hold the power button again.

### 3.3 Connecting an External Keyer

Connect your external Morse Code key (e.g., paddle or straight key) to the Key Interface using a compatible 3.5mm cable.



Figure 3.1: The HAMCUBE Mini CW Trainer connected to an external Morse Code key for practice. Note: This device cannot be connected to CB radios.

## 4. OPERATING INSTRUCTIONS

The HAMCUBE Mini CW Trainer offers a comprehensive set of features for Morse Code practice. Navigate through the menus using the Multifunction Selector Switch.

## 4.1 Menu Navigation

Use the Multifunction Selector Switch to scroll through menu options and press it to select. The device supports both Chinese and English menu interfaces, which can be configured in the settings.

## 4.2 Practice Modes

The trainer supports various modes for sending, copying, and decoding practice. Refer to the on-screen menu for specific mode selections and settings.

## 4.3 Custom Character Storage

The device features 8 groups of custom character storage units. Each unit can store up to 60 English characters, allowing for one-key transmission of frequently used phrases or practice texts. Access and configure these units through the device's menu.

## 4.4 Portability for Practice

Its compact and lightweight design allows for convenient practice anywhere.



Figure 4.1: The HAMCUBE Mini CW Trainer's pocket-handheld design allows for easy transport and practice on the go.

## 5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the device. Avoid using liquid cleaners or abrasive materials.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the device regularly, even if not in use for extended periods.
- **Water Resistance:** The device is not water-resistant. Avoid exposure to moisture or liquids.

## 6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Low battery or device is off.	Charge the device. Press and hold the Multifunction Selector Switch to power on.
External keyer not responding.	Incorrect connection or keyer issue.	Ensure the keyer is properly connected to the Key Interface. Test the keyer with another device if possible.
No audio output.	Headphones/speaker not connected or volume too low.	Connect headphones/speaker to the Earphone/External Speaker Port. Adjust volume settings on the device.
Device feels warm during use/charging.	Normal operation or excessive load.	A slight warmth is normal. If the device becomes excessively hot, discontinue use, disconnect from power, and contact support. Ensure proper ventilation.

## 7. SPECIFICATIONS

# Product Parameter



Figure 7.1: Physical dimensions and battery specifications of the HAMCUBE Mini CW Trainer.

Feature	Detail
Model Number	A
Dimensions (L x W x H)	3.46 x 2.28 x 0.669 inches (approx.)
Item Weight	12 ounces (approx.)
Battery Capacity	2500mAH Lithium Battery
Battery Life (Standby)	Up to 20 hours
Display	Integrated display
Custom Character Storage	8 units, 60 English characters each
Interface Language	Chinese, English
Water Resistance Level	Not Water Resistant

## 7.1 Mini vs. Pro Version Comparison

The HAMCUBE Mini version differs from the Professional (Pro) version primarily in its decoding capabilities.



## Differences between Mini and PRO versions

There is no built-in decoding board, can not connect to shortwave radio, other functions are the same as the professional version

Built-in CW audio decoding board, can be connected to the shortwave radio to decode CW audio signals in Chinese and English, and display on the host display

Figure 7.2: Visual comparison highlighting the differences between the HAMCUBE Mini and Pro models.

- **Mini Version:** Does not have a built-in CW audio decoder board and cannot be connected to shortwave radios for decoding.
- **Professional Version:** Includes a built-in CW audio decoder board, allowing connection to shortwave radio stations to decode CW's Chinese and English audio signals and display them on the screen.
- All other functions are identical between the Mini and Professional versions.

## 8. WARRANTY INFORMATION

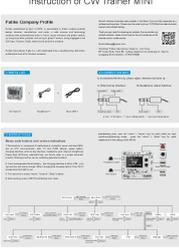
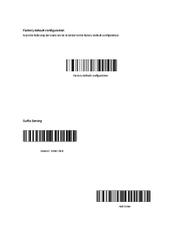
According to the product specifications, there is no explicit warranty provided for this device. Please refer to your point of purchase for return or exchange policies.

## 9. SUPPORT

For further assistance or inquiries regarding your Putikeep HAMCUBE Mini CW Trainer, please contact the seller or refer to the product page where you made your purchase.

**Manufacturer:** putikeep

## Related Documents - A

	<p><a href="#">Instruction Manual for Putike CW Trainer MINI</a></p> <p>Detailed instructions and guide for the Putike CW Trainer MINI, covering parts list, connection methods, and operational instructions for Morse code practice.</p>
	<p><a href="#">Kanga Products microTutor Build-A-Thon Edition Morse Code Tutor Guide</a></p> <p>A comprehensive guide to the Kanga Products microTutor Build-A-Thon Edition, a basic Morse code trainer. This document covers its features, modes, controls, external connections, assembly instructions, and usage tips for improving Morse code speed.</p>
	<p><a href="#">GIMA Basic Pedal Exerciser TD001P-2 - Product Information and Instructions</a></p> <p>Official product details for the GIMA Basic Pedal Exerciser, model TD001P-2. Includes assembly steps, usage guidelines, warnings, and warranty information for professional medical use.</p>
	<p><a href="#">Practical Television March 1964: TV Repair, Aerial Design, and Colour TV</a></p> <p>Explore the March 1964 issue of Practical Television magazine, featuring technical guides on TV repair, UHF aerial design, colour television principles, transmitter construction, and industry news.</p>
	<p><a href="#">NETUM NT-2050 Barcode Scanner Configuration Guide</a></p> <p>This document provides a comprehensive guide to configuring the NETUM NT-2050 omnidirectional desk barcode scanner. It details specific barcodes for enabling, disabling, and setting various symbologies and parameters, including factory reset and suffix settings, to customize scanner behavior.</p>



Overzichtsafbeelding

De Netum NT-1228BL is een draadloze barcode scanner met een afmeting van 100 x 60 x 30 mm. Het apparaat is uitgerust met een 1D- en 2D-scanner en kan worden aangesloten op een computer via USB of Bluetooth. Het apparaat is uitgerust met een batterij met een levensduur van 10 uur.

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## [Netum NT-1228BL Barcode Scanner Setup Guide](#)

A comprehensive setup and programming guide for the Netum NT-1228BL barcode scanner, detailing connection modes (USB, Bluetooth), keyboard language configuration, various scan modes, offline data storage, and extensive barcode symbology settings including UPC/EAN, Code 128, Code 39, QR, and Data Matrix. Includes instructions for custom prefixes/suffixes and factory reset.