MINIX®
Next Generation Computing

CP89-HD

Portable Wireless CP & AA High-definition Touchscreen

English User Guide

www.minix.com.hk

What’s In The Box

CP89-HD main unit *1

Magnetic mount with screw cap *1

User manual *1

Car charger *1

Long bracket mount *1

Short bracket mount *1

AUX cable *1

3M base plate for long bracket mount *1

Product Overview

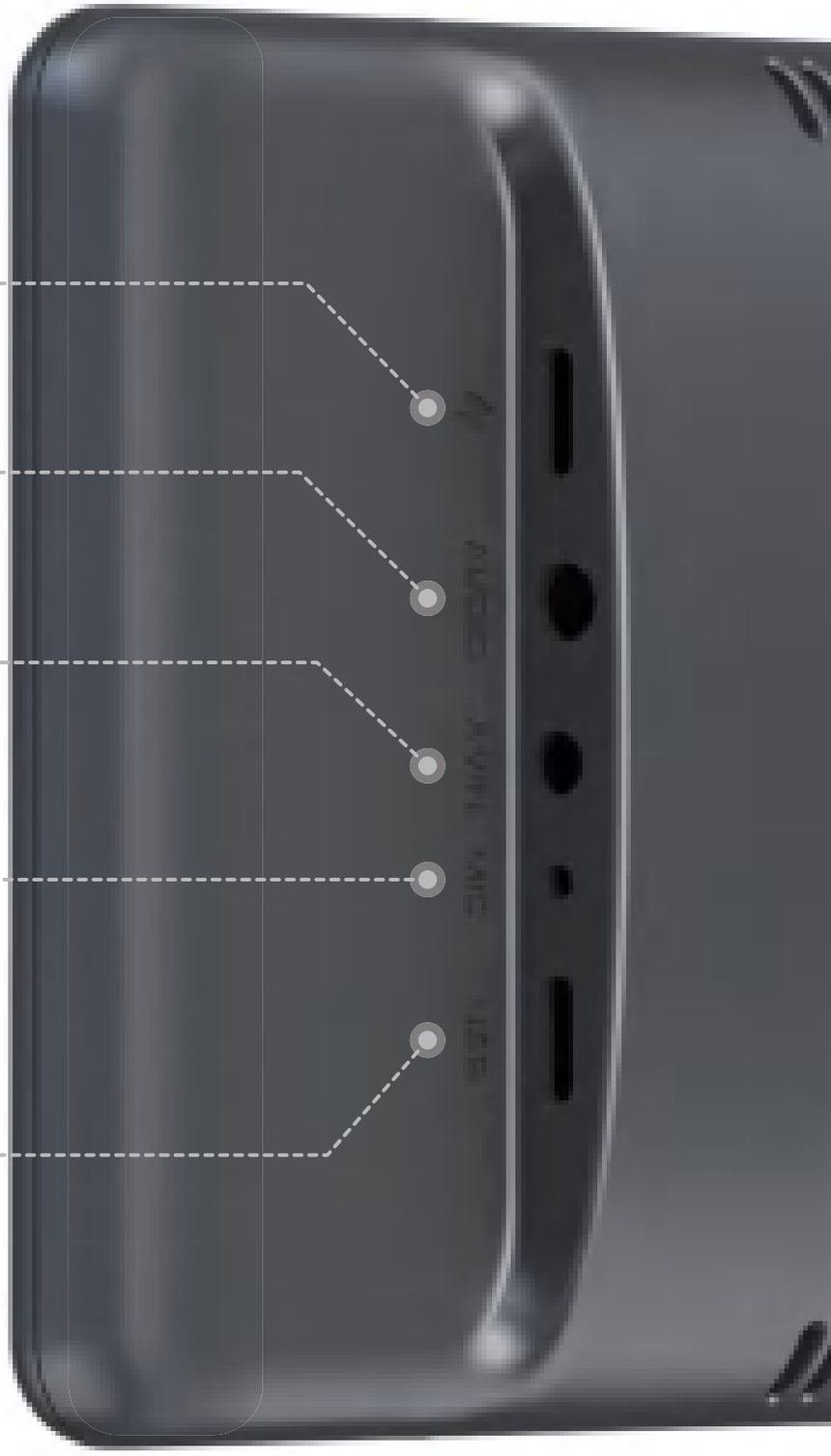
USB-C power input

AUDIO 3.5mm AUX input

AVIN Rear view camera input (4-Pin, optional item)

MIC Built-in microphone for voice interaction

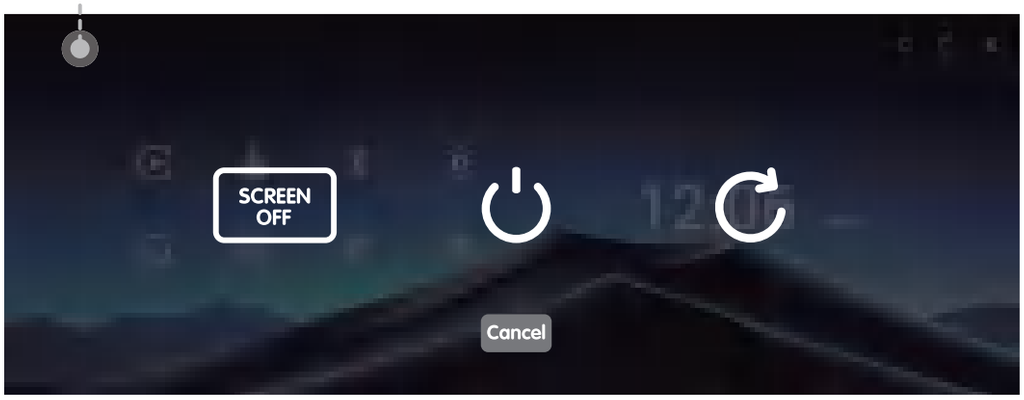
USB USB data port for firmware updates (FAT32 thumb drive required)



Product Overview

Ambient light sensor

Screen Off/
Power Off /
Restart toggle
switch



Detachable
magnetic mount

CP89-HD Specifications

Display Properties

Screen Size: 8.9-inch, 16:6, 230 PPI

Resolution: 1920 x 720

Contrast Ratio: 800:1 (Typical), 1000:1 (Max)

Color Gamut: 72% NTSC

Brightness: 700 cd/m2 (nits)

Audio Output

1. Built-in speaker (8-Ohm, 1W)
2. Dual-BT connection model
3. 3.5mm AUX output

CP89-HD Specifications

Dimensions

224.8 x 97.2 x 21mm (Screen 11.6mm)

Weight: CP89-HD unit 398g, magnetic mount 47g

Rated Power Input: 5V-12V⎓1.2A Max

Rear View Camera (Optional)

4-PIN connector, up to 1080p (not included)

User Interface Introduction

1. Wireless CarPlay
2. Wireless Android Auto
3. Bluetooth Settings Shortcut
4. Brightness Settings Shortcut
5. All Settings
6. Display Only Mode ON/OFF Shortcut
7. Built-in Speaker Volume Shortcut
8. Current Time (Automatically sync with phone)

How to Install

1. Attach the magnetic suction mount with the bundled long bracket or short bracket according to your own preference, rotate the screw cap of the mount clockwise to tighten the ball joint of the mount with the chosen bracket.

2. Long bracket is ideal for attaching to the windshield or the flat surface of the dashboard. Short bracket is suitable for minimalist attachment to the dashboard area.

3. The CP89-HD main unit is easily removable by pulling it off from the magnetic suction mount when you wish to detach the main unit from your vehicle.

4. Try placing the CP89-HD main unit to your preferred position so that you may view the display clearly and tap on the touch screen easily.

How to Install

5. Once you confirmed the location to install, remove the thin protective plastic sheet from the adhesive side of the chosen bracket.

6. Press and apply pressure to the adhesive so that it is fully adhered with the surface.

7. You can always perform minor adjustment by loosening the screw cap of the mount.

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.

FCC Radiation Exposure Statement:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Operation of this device in the band 5150-5250 MHz is restricted to indoor use only.

How to Use Wireless CP/AA

1. Plug-in the included car charger into your vehicle's cigarette lighter port.

2. Plug-in the USB-C power jack of the car charger into the power input jack of CP89-HD.
(the port marked with the symbol)

3. The CP89-HD main unit shall start and loading into the main interface in about 6 seconds.

4. You may then tap on the CarPlay (for iPhones) or Android Auto (for Android phones) symbol based on the phone that you wish to connect with.

5. Follow the instruction in the CarPlay or Android Auto interface and connect to the Bluetooth device name (MINIX_XXXX) inside your smartphone's Bluetooth discoverable device list (Go to: Phone's Settings Bluetooth).

How to Use Wireless CP/AA

6. On an iPhone's Bluetooth device list, tap on "MINIX_XXXX" to pair, then tap on "Pair", "Allow" and "Use CarPlay" when your phone prompted a Bluetooth pairing request.

7. On an Android phone's Bluetooth device list, tap on "MINIX_XXXX" to pair, then tap on "Pair", "OK" when your phone prompted a Bluetooth pairing request.

8. Wait for the connection to be fully established, and start enjoy using wireless CarPlay or Android Auto!

Settings Explained

System: This page allows you to configure your preferred display language of the CP89-HD menu, and to set the 12-Hour Time / 24-Hour Time display property.

Bluetooth : This page allows you to i) view your list of paired phones, ii) setting Auto Connect ON/OFF, and iii) to clear the paired device list.

Display

- Brightness: This page allows you to manually configure the maximum brightness of the screen under Day Light Mode , and the lowest preferred brightness under Night Light Mode , and the time range to launch the Night Light Mode. You may leave this page untouched as CP89-HD comes with an ambient light sensor that adjusts brightness automatically according to the brightness around the device.

Settings Explained

- Wallpaper: You may choose your preferred wallpaper from the list and then “Set as Wallpaper” to save your choice.

- CarPlay Settings: This page allows you to configure Right-hand Drive (default is Left-hand Drive), and the 60 frame per second (FPS) mode (default in ON for better smoothness).

Sound: This page allows you to configure the volume levels of different audio output channels including Media (for music apps), Navigation (for maps apps) and Phone (for phone calls).

Dual BT Connection (Display Only Mode) : The Display Only Mode is enabled by default. This page allows you to turn ON and OFF of the Display Only Mode. Under this mode, the screen displays only CarPlay /Android Auto video stream and the audio keeps outputting from the phone. This allows you to connect your phone’s audio to your car’s Bluetooth audio system. If you need to use the built-in speaker of CP89-HD, 3.5mm AUX audio output or FM transmitter output, please disable this option. System shall reboot once to take effect.

Settings Explained

About: This page displays information about the current system firmware version, Bluetooth software version and also the MCU firmware version. Updates can be done by using a **FAT32 formatted** USB thumb drive plugging to the port marked as “USB” on the back of the CP89-HD main unit. **Factory reset** can also be done by tapping the Factory Reset soft button and the device shall reboot to take effect.

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The content of this guide may differ in some details from the product or its software.
All information in this documentation is subject to change without notice.

Note: 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 into 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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Contact Us

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