



HCE300 Android 手簿

使用说明书

上海华测导航技术股份有限公司

Preface





Instruction abstract





Welcome to use CHC HCE300 Android hand-book instructions. The specification as example of HCE300 Android hand-book will describe how to set up and use this series of products.

Revised version

Revised date	Revised order	Revision note
November 2015	I	HCE300 Android hand book Instructions

Safety precautions

	Please turn off the product in HCE300 Prohibit plac3 or use the product may cause interference or danger.		Do not pit this product and accessories in containers with strong electromagnetic field.
	Do not use this product in high temperature, flammable gas areas (such as gas stations)		Make the product away from magnetic equipment because radiation may erase the information which stored on the product.

	<p>Turn off the product when boarding in order to avoid wireless signals jamming aircraft control signal.</p>		<p>Please use the company designated battery and charger. Otherwise, it may cause an explosion.</p>
	<p>Do not attempt to disassemble the products and accessories, only authorized institutions are allowed to repair the product.</p>		<p>please comply with the relevant laws and regulations when using this product, and respect others' privacy and legal rights.</p>

Disclaimers

Huace is committed to continuous improve functions and performance of products, last product specifications and manuals may along with the change without any notice, please understand! If there are different specifications(icons, pictures) between instructions and material objects,please refer to our material objects. The CHC company reserves final interpretation of all technical parameters and graphic information. Before using this product, be sure to read this instruction manual, CHC company does not undertake any responsibilities for not in accordance with the operating instructions or failed to understand the requirements of the correct instructions of the product which lead to the loss caused by product misoperation.

Technical support

If you have a problem and cannot find the information from product files please contact your local CHC dealer from which you purchased the receiver(s) or choose CHC website (<http://www.huace.cn>). This website opened up a "Technical Support" section, users can learn recent developments of Huace products, download the latest version of the product and technical information.

If you need to contact CHC technical support, please contact us by email (support@huace.cn), Skype (chc_support) and call 400-620-6818(24-hour free hotline), we will be happy to serve you.

Related Information

You can find the specifications from the following ways:

1 After purchase Huace HCE300 Android hand book, the instrument box will be presented with a "HCE300 Android hand book Manual" that make you conveniently operate the instrument.

2 logging Huace official website <http://www.huace.cn>, then click the [technical support] → [HUACE Related download] → [Instruction] can download electronic version of instructions.

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1 Product introduction

1.1 Exterior













This specification applies to HCE300 products, the appearance of all the information and operation to HCE300.



Serial number	Name	Explanation
1	keyboard	Enter numbers, uppercase and lowercase letters and common punctuation through the keyboard.
2	Headphone jack	The position of headphones plugged, not plug the headphone or earphone is pulled out must be timely plug waterproof plug.
3	USB jack	The position of USB cable insertion, not insert the USB

		cable or cable is pulled out must be timely plug waterproof plug.
4	Flash lamp	When the light is weak, turn on the flash lamp in order to enhance environmental brightness
5	Camera	The camera is used to take pictures
6	Speaker	Play music and the videos' sound port

1.2 Display icon Introduction

Icon	Explanation	Icon	Explanation
	The current battery charge		Vibrate mode
	Wifi status		signal strength of hand book
	Alarm clock		Airplane mode
	Data transfer mode		Bluetooth already open
	Bluetooth status		Upload application
	Wifi sync download upload		Download application

1.3 Charging Hand Book

- ◆ Be sure to use the original charger and data lines when charging.
- ◆ The power prompt insufficient when the battery is low.
- ◆ When the power is further reduced, the product will make tone sound, and subsequently shut down.

2 Basic functions

2.1 Switch

- long press [power] key for bootable when the machine is shutdown .
- In the state of power-on, short press [power] key to enter sleep mode, Press [power] key will pop-up select screen, select shutdown click to confirm machine is turn off.

2.2 Data transmission

1. Hand book can connect to computer by USB cable.
- 2.The screen will pop up [USB Mass Storage Device], click [Turn on USB storage] If the product does not has above tips, you need to click open the USB storage device, and then click OK when USB is already connected in the drop-down status bar.
- 3.The computer will pop up the USB storage device, you can browse data from RAM.
- 4.it is recommend that the copy contents should put into memory card in [Download] file folder.
5. Break the disconnect between product and PC after finishing copying.
- 6.Open hand book, you can find your copy contents in storage folder from the processes of [File Manager] → [phone] → [Download].

2.3 Restore factory settings

1. Press the HOME key to enter the [Menu] → [System Settings] → [Reset] → [backup and restore factory settings]

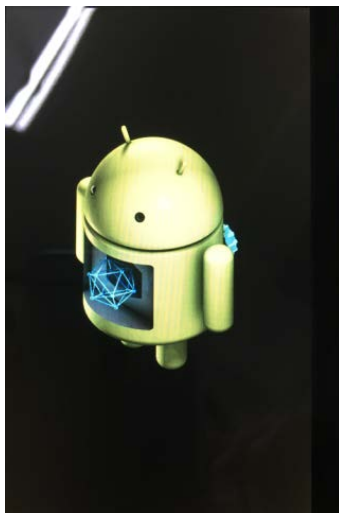
2. Press [Restore Factory Settings] → [Reset phone], hand book will automatically shut down and restart.

Note: after choosing [format phone storage], the memory data in hand book will be cleared!

3 Hand-book system upgrade

1.The update files【update.zip】should copy to the root directory of your memory card.

2.Hand book shutdown, long press [HOME] + [Power] to open the hand book, and then boot into recovery mode.



3.Press the MENU key to enter the upgrade interface.

```
Android system recovery <
TF_M06589T_HCE300_VER_HC0

up/down to move highlight
enter Power button to sel

reboot system now
apply update from ADB
apply update from sdcard
apply update from cache
wipe data/factory reset
wipe cache partition
backup user data
restore user data

-- Wiping cache...
Formatting /cache...
Cache wipe complete.
```

4. Clear users data: select [wipe data/factory reset], press the power button to confirm.

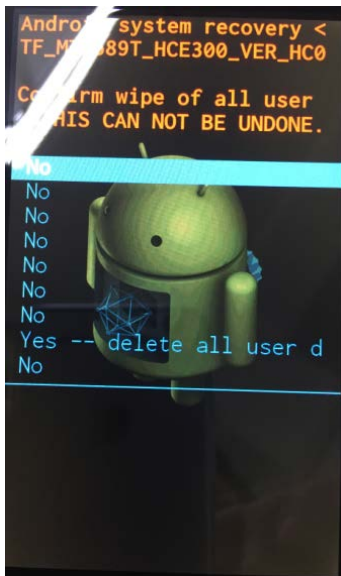
```
Android system recovery <
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reboot system now
apply update from ADB
apply update from sdcard
apply update from cache
wipe data/factory reset
wipe cache partition
backup user data
restore user data

-- Wiping cache...
Formatting /cache...
Cache wipe complete.
```

5.Delete user data: Select [yes-delete all users data],press the power button to confirm.



6.Clear the system cache: select[wipe cache partition],press the power button to confirm.

```
Android system recovery <
TF: 16589T_HCE300_VER_HC0

up/down to move highlight
Enter Power button to sel

reboot system now
apply update from ADB
apply update from sdcard
apply update from cache
wipe data/factory reset
wipe cache partition
backup user data
restore user data

-- Wiping cache...
Formatting /cache...
Cache wipe complete.
```

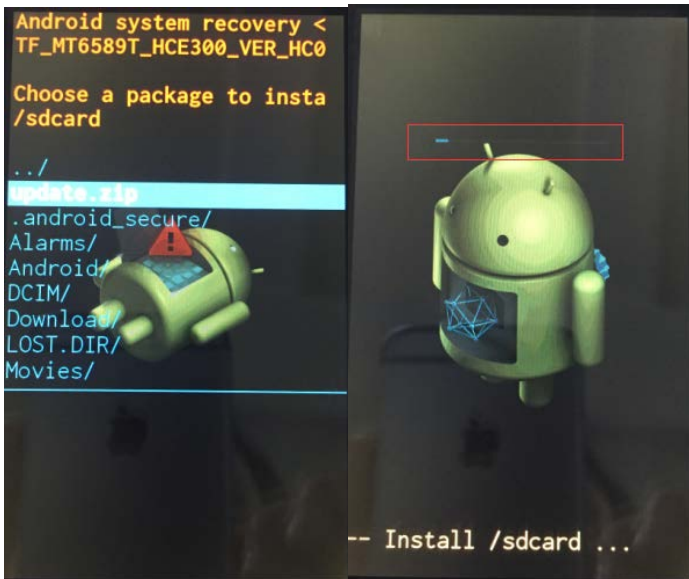
7. System upgrade: select [apply update from SD card], press power button to confirm, as shown below.

```
Android system recovery <
TF: 16589T_HCE300_VER_HC0

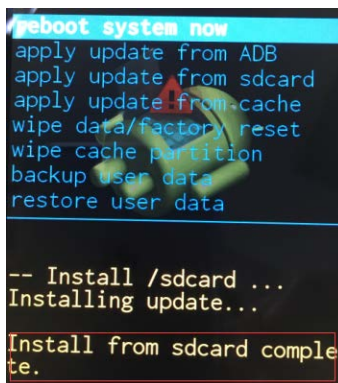
up/down to move highlight
Enter Power button to sel

reboot system now
apply update from ADB
apply update from sdcard
apply update from cache
wipe data/factory reset
wipe cache partition
backup user data
restore user data
```

8. Select [update.zip], press power button to confirm and start the ARM11 upgrade, waiting for progress bar has completed.



9. After the upgrade is complete, prompt [Install from SD card complete], and then select [reboot system now], press the power button to confirm hand book has rebooted.



4 Technical support

If the prompts and techniques of commonly asked questions in this operating manual cannot deal with the problems, please contact your local Huace service personnel.

Customer Service toll-free hotline: 400-620-6818 (24-hour free hotline)

Website: www.huace.cn

Shanghai Huace Navigation Technology Co., Ltd website provides the latest information on Huace products, the "technical support" column in website provides the service of manual download for dealing with common problems to users and customers support by email.

Accessories - Common failure analysis and troubleshooting

This chapter will help you diagnose and solve some common problems from hand book.



Warnings

Do not attempt to repair the device for yourself, if you do this, HuaCe will irresponsible for warranting repair.

Question: hand-book can not boot	
Possible Causes	Solutions
The battery is dead	Change the new and fully charged battery
Battery wafer does not contact with battery correctly	Use pliers to adjust the battery wafer in order to make battery contact correctly
Question: hand book cannot connect with computer	
Possible Causes	Solutions
Data cable is damaged	Please change other data lines and retry
Driver problem	Please check the device manager in case of unknown device in there, and then right click to re-update the drive
Question: Hand book can not enter the system	
Possible Causes	Solutions
System damage	Contact your local salers to re-update the hand book system
Install unknown software	Remove the user data in hand book and re-install the land star software
Question: WiFi or Bluetooth cannot search receiver	
Possible Causes	Solutions

Receiver Bluetooth has been occupied	Turn off the receiver, then open to reconnect the Bluetooth
Exceed the communication range of WiFi or Bluetooth	Moves into the coverage area and search again



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FCC Statement

1. 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.

(2) This device must accept any interference received, including interference that may cause undesired operation.

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

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.

SAR Information Statement

Your wireless phone is a radio transmitter and receiver. It is designed and

manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. * Tests for SAR are conducted with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output. Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when tested for use at the face is **0.700W/Kg** and when worn on the body, as described in this user guide, is **0.785W/Kg**(Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). The maximum scaled SAR in hotspot mode is **0.785W/Kg**. While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure. The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RFexposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on FCC ID: **SY4B-01006** Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) web-site at <http://www.wow-com.com>. * In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a sub-stantial margin of safety to give additional protection for the public and to account for any variations in

measurements.

Body-worn Operation

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of **15mm** must be maintained between the user's body and the handset, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided. Use only the supplied or an approved antenna.