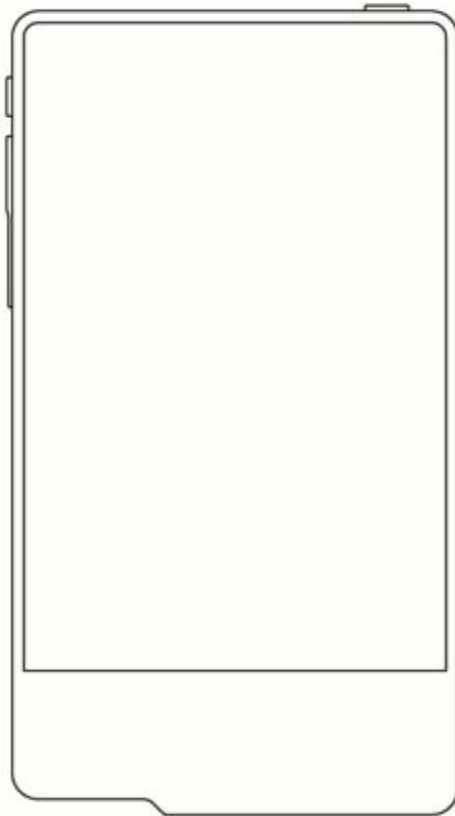




H I D I Z S

AP200



Quick Start Guide

1. What is the AP200 Battery capacity? How long is the battery working time?

AP200 is equipped with 3100mAh rechargeable LiCoO<sub>2</sub>-polymer battery, working time is about 8-10 hours.

2. How many ways to charge AP200?

AP200 use Type-C interface, could be plugged in on both (front/back) side, more convenient to use.

① AP200 Charger output specification is DC5V/2A and it does not support Quick Charge (QC)

Any charger over the limited will cause a damage to AP200's internal circuit. Besides, if you have any quick charge (QC) charger, please do not use it.

② When connecting AP200 with PC to charge, for the PC's current limiting, the charging time will be more longer. Please use DC5V/2A output powerbank to charge AP200.

3. How long will it take AP200 to be fully charging?

Use recommended DC5V/2A output adaptor to charge AP200, it will be took about 1.5 hours from low power to full charged.

Does AP200 could be used while charging? AP200 use professional power management IC, ensuring the reliability.

4. AP200 could be normal used while the battery is charging, it will not harm AP200.

① The temperature of AP200 will be increase a little during charging. Kindly note it's normal.

② It will need more charge time if you use AP200 during charging, so we recommend not use AP200 when charging.

5. Does AP200 have a real-time power display?

AP200 is built\_in coulombmeter, supports real-time power display.

AP200 uses professional audio solution, supporting the most audio formats in Hidizs AP series at present.

DSD:DSD64, DSD128(.iso & .dsf & .dff);DXD:352.8K

APE(Fast):384 kHz/24 bit(MAX)

APE(Normal):384 kHz/24 bit(MAX)

APE(High):384kHz/24 bit(MAX)

APE Extra High: 192kHz/24bit(MAX)

APE insane: 384kHz/24 bit(MAX)

AIFF:384kHz/24 bit(MAX)

FLAC:384kHz/24 bit(MAX)

WAV:384kHz/32 bit(MAX)

WMA Lossless:96kHz/24 bit(MAX)

Apple Lossless:384kHz/24 bit(MAX)

MP2、MP3、AAC、ALAC、WMA、OGG Lossy format etc.

### 3、 File transfer

#### 1. What's the operation system(OS) of AP200?

AP200 supports x86/x64的WIN XP/WIN7/WIN8/WIN10, and Apple Mac IOS system.

2. AP200 supporting USB interface type.  
AP200 supports USB2.0 and USB 3.0

3. What's the transmission rate of AP200?

The transmission rate is depending on the format and size of the transport file.

The actual measuring transmission rate:

Native Storage: Writing speed about 12MB/S, Reading speed about 30MB/S

External Storage: Writing speed about 12MB/S, Reading speed about 30MB/S.

(External Storage is test by a Sandisk C10 TF card);All data is measured from ATTO Disk Benchmark.

4、 Bluetooth Connection

AP200 supports to connect with Bluetooth earphone or Bluetooth speaker, bring you the convenient wireless audio experience.

①Enter AP200 setting, switch on Bluetooth

②Scan Bluetooth device and matchUse Hidizs music App, one-click to connect Bluetooth, there will change the output from AP200 to Bluetooth device. Or use the Hidizs recommended music app play music, enjoy the music from the Bluetooth device.

③When the Bluetooth setting is high sound quality "On", the status bar will be displayed "A" if your earphone or Bluetooth speaker supports APTX function. It will be displayed "S" if your Bluetooth device is not supported APTX.

④When the Bluetooth setting is high sound quality "Off", the status bar will be displayed "S" on all of the Bluetooth device.  
Note: When you switch on/off the high quality setting, you need to restart AP200 player to take effect.

## 5、 Music Play

### 1. Can I install third-party music APPs on AP200?

AP200 is installed with open Android system, besides using Hidizs music APP for lossless music formats, in order to respect each user's usage habits, on the premise of ensuring the safety and stability of the system, AP200 still supports to install third-party music APPs.

If you found some music APP you would like to use has not been supported yet, please feel free to tell us. Your feedback will be welcome. It will help us to make AP200 more and more perfect.



### 2.Does AP200 Hidizs music APP easy to use?

Hidizs is always focusing on offer the best interaction experience to the users.

- ① AP200 supports multiple gestures operation, like sweeping up and down the screen, bring out the shortcut menu.
- ②Slip left and right to switch menu interface.
- ③Click the arrow symbol to set the secondary menu as you like, bring you the unprecedented new impression.

### 3.How to use AP200 pure music mode?

AP200 could be freely switched Pure Music mode/Android mode. Bring you a richer usage experience.



②Restart Hidizs music App, enter pure music mode, listen the purity of music. When the pure music mode is on, by pulling down shortcut menu choose the Android mode, restart Hidizs music app will exit the pure music mode and return to Android mode.

## 6、WIFI

AP200 support to connect with the WIFI wireless hotspot, listen to the music online.

- ①Enter AP200 setting, switch on Wifi.
- ②Scanning and connect the WiFi hotspot nearby
- ③Enjoy the massive the music resources with third\_party APP online.

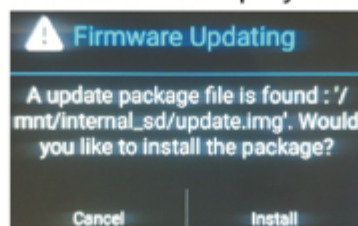
## 7、Firmware update

Firmware update fail will cause AP200 not working. Please read the operation below carefully before upgrade the firmware.

Upgrade firmware method

Method 1:

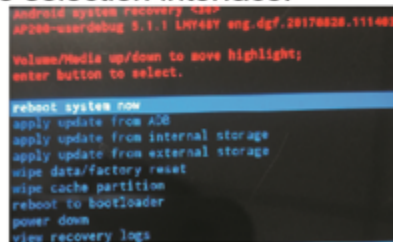
Please unzip the upgrade file which offer from Hidizs, copy the "update.img" to the root directory of TF card(or root directory of AP200 storage), insert TF card in AP200 and turn on the player, About one minute later it will be display as the picture to upgrade firmware.



Please don't make any operation after you click "yes" to upgrade the firmware, wait patiently, AP200 will be automatic restart and upgrade the firmware, when the upgrade firmware is done, it will be restart again.

Method 2:

①Please unzip the upgrade file which offer from Hidizs official website, copy the "update.img" file to the root directory of TF card, plug in the TF card when the player is off, press the volume "-" button, press the power button to turn on the player, enter the recovery of update selection interface.



```
android system recovery -user
AP200-userdebug 5.1.1 ltr40t eng.dgf.20170820.111403
volume/media up/down to move highlight;
enter button to select.
reboot system now
apply update from A/B
apply update from internal storage
apply update from external storage
wipe data/factory reset
wipe cache partition
reboot to bootloader
power down
view recovery logs
```

②Press the volume button to choose "apply update from external storage", press the power button to enter in TF card, choose the update file, press power button to confirm upgrade the firmware, choose "reboot system now" after the upgrade to be done.

#### OTA Online Updates

Open AP200 WiFi, connect to the available WiFi hotspot, AP200 will automatically detect newest firmware version updates online. If it failed to detect the newest updates, please make the manual settings as follow, "Settings" - "About device" - "System updates" - "CHECK FOR UPDATE".

#### 9、USB DAC Function

Please visit Hidizs official website to download USB DAC Driver, and follow the operation guide to install and use it.

USB DAC download link:

<http://www.hidizs.com/support.php>

<http://www.hidizs.com.cn/support.php>

Technical Support and Service

①Pls visit Hidizs official Weibo、 Facebook、 Head-fi forum、 Hidizs QQ group 33504015 to get more informations and online discussion.

②Through Hidizs official website “Contact us” or send email to service@hidizs.com to contact the Hidizs Technical Support and Service.

## 10、 Preparation before use

### 1、 Charging

①AP200 need about 1.5 hours to fully charge when you use the DC5V 2A adaptor.To reach the faster fully charging, we recommend to use the adaptor which charge current is 2A.

### 2、 TF Card

①Recommed SD card brand: Sandisk、 Kingston-Class10 or the above

②The maximum external TF card supported 512GB.

③Recommeded TF Card format is FAT32, or plug in the TF card and formatting on your AP200

④Plug in、 pull out SD card

a. Push in the SD card lightly as the picture shown

b. Press down again and take out the SD card

## 11、 Machine Interface and Operation

### Turn on Player

Press power button, Keep 5 seconds,the screen will be light up to boot animation.It will display the language selection, choose your language,click top right corner of arrows to confirm the language to enter the main interface.

Data Transmission: In the setting, set the USB mode to storage mode,use the micro USB cable connect AP200 with PC, AP200 will be displayed “USB connected”, Click “Open USB storage device”below, it shown“the USB Storage device is in using”, now you can copy the files to the TF card or internal storage.



## 12、 Pure music and Android mode

1. In Android mode, pull-down the menu, Click to pure music mode, and restart the Hidizs music it will turn to pure music mode, AP200 will become pure music player, enjoy the music.

2. In the Android mode, pull-down the menu, Click to Android mode, and restart the Hidizs music it will turn to Android mode, AP200 will become Android smart player, bring you the more richer music experience.

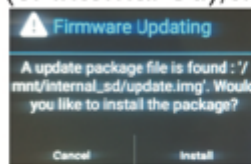
## 13、 Firmware Update

Firmware update fail with wrong operation may cause your player to not function properly. Please read the operation above carefully before upgrade the firmware.

The way of update firmware

Copy the AP200 of update.img which offer from Hidizs to the root directory in your FAT32 of TF card(Or in the internal storage of AP200), plug the TF card in the AP200 and turn it on, click the technical support on the desktop icon in Android mode→

Firmware update→external SD(or internal Sd),click upgrade the file will be displayed as below.



Please don't operate the player after confirm to upgrade, wait patiently, AP200 will be restarted and enter the upgrade firmware status.

AP200 will be restarted again when the update is done, enter the interface to use it.



Firmware update notes:

- ① Ensure the AP200 power is enough before upgrade the firmware.(The best is fully power)
- ② When you use TF card to upgrade the firmware, please use a blank FAT32 TF card. If upgrade failed, please try to use another blank SD card less than 32G, use AP200 formatting the SD card and make the firmware upgrade again.
- ③ When using AP200 internal storage to upgrade the firmware, please make sure AP200 has enough internal storage left. (The best the internal storage is over 1GB). Copy the update of file to the internal storage and upgrade.

Notes:

★ It will be automatic skip the track when the song files with wrong decoded, avoid to cause the crash fault.

★ AP200 may be damaged if the charging voltage is over limited. A DC5V2A adaptor is recommended. Please choose the suitable adaptor

★ Press the power button about 10 seconds to forced shut down the player if AP200 system is failed.

★ We suggest using the original USB cable to connect other device.

★ It will be automatic scanning the songs at you first use AP200 Hidizs music app

★ AP200 is equipped with open Android system, in order to maintain stability of system, we suggest you only install music APP on it.

★ If you need more information, please visit our official website: <http://www.hidizs.com> for more detail.

**FCC STATEMENT**

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 your 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.

The device has been evaluated to meet general RF exposure requirement, The device can be used in portable exposure condition without restriction.