We want to thank you sincerely for choosing iDAP-6 High Fidelity Digital Audio Player. We have prepared this user manual to help you understand the features and get familiar with the operation of the DAC. We suggest all customers read through this manual before they start to use the device.

Attention

◆ Please make sure the serial number on the package, chassis and warranty card are intact and identical. In case of damage, missing or tempered on warranty card or serial number, Cayin reserves the right to refuse warranty service for the machine.
◆ All rights reserved. Reproduction, translation or adoption of iDAP-6 documentations and/or system firmware is prohibited without written approval from Cayin.
◆ The user manual is a documentation of the product based on the specification at the time of print. Cayin reserves the right to change product specification without prior notice.

Package Content

Please examine the product package before you open it, the package should be free from any physical damage or water stain. You should find the following items when you open the package:
1. iDAP - 6 High Fidelity Digital Audio Player (1 unit)
2. Quick User Guide (1 copy)
3. Replacement Fuss (2 units)
4. Warranty Card (1 copy)
5. Power Cord (1 piece)
6. WiFi/Bluetooth Antenna (1 piece)

Attention: the product package should include only the items in the list. Please fill in the warranty card and mail to your local agent or Cayin's Sales Department, we shall provide comprehensive after sales service in the future. We recommend you to keep the package and protection material, this will be most convenient if you need to re-package the product in the future.
Design Features

- Desktop network player that can supports all common digital file formats: DSF, DFF, SACD-ISO, FLAC, ALAC, AIFF, WAV, APE, WMA, MP3, AAC, OGG
- PCM supports upto 32Bit/384kHz, DSD supports upto DSD256 with I2S, upto DoP128 with USB and DoP64 on other digital interface
- Can plug in SD card (upto 256GB) and USB storage (upto 2TB) directly
- Three USB ports in total, all of them can be hot plugged for USB Audio or USB storage
- Multi-lingua custom designed UI through 3.95” AMOLED screen, display Album Art, music information and control menu in a clear and effective presentation.
- Support file sharing through Ethernet or WiFi connection, can communicate with large variety of networked devices through Samba, DLNA and Airplay
- Transmit or receive through dual Bluetooth v4.1, support Bluetooth remote control profile.
- Adopts aluminum alloy shell and panel, sandblasting treatment, simple fashion, and effectively shielding outer interference.
- The high performance linear power supply system based on in-house designed premium grade toroidal transformer with low magnetic leakage and high power efficiency.
- Solid chassis with aluminum alloy and sand blast finishing, can eliminate exterior interference effectively.
- Fashionable design, compact and minimal, can easily blend into SOHO or household environment.
Front Panel Functional Description

Diagram 1: iDAP-6 Front Panel Illustration

1. Standby On/Off
   - Turn on or put the player into standby: hold the button to turn on the player (at standby status) or enter standby mode (at regular operation status)
   - When the screen is on, click the button once to turn off the screen, and click again to turn the screen back on.
   - Note: The Main power supply of the player is located at the back panel, you need to turn on the power switch before you can start up the player.

2. SD Card Slot

3. Power Indicator
   - Indicator flashing: in the process of initialization.
   - Indicator always on: player is ready for regular operation.

4. USB Port
   Support USB flash drive, card reader and mobile HDD.

5. Return
   Click to return to previous menu; hold 2 second to return to main menu.

6. OLED display
   Display control and playback information of the player

7. MENU/Enter button
   Turn clockwise to select next (right or down) menu items, ant-clockwise to select previous (left and upper) menu item. Push the button once to confirm your menu selection or enter next menu.
At the playlist screen, rotate to select a song and push the button once to start playback.
At the Playback screen you can rotate the knob to highlight a control icon (previous, play/pause, next, playlist, my favorite etc) at the bottom of the screen and then push the button once to activate the action. Hold the button for 2 seconds will always go back to the Home Screen.

**Rear Panel Functional Description**

1. Wi-Fi/Bluetooth Antenna Socket
   Please install the Wi-Fi/Bluetooth antenna into the socket before using the player.

2. Reset
   If the system behaves abnormally, you can use a non-metallic pin (e.g., toothpick) to trigger the reset button inside the reset hole (hold on about 3-5 seconds), the system will reboot and resume.

3. LAN and USB port
   LAN port connects the player to local area network; When plug in thumb drive, card reader or USB HDD, they will be recognized as OTG storage devices. Alternatively, you can connect USB DAC to these ports and enable the USB Audio output function of iDAP-6.

4. I²S Output (HDMI port)
   The output terminal is built for forthcoming Cayin DAC with I²S input. We cannot guarantee it will be compatible with I²S input of other DAC.
5. Optical Output
   This output is suitable for DAC with optical input.

6. Coaxial Output (RCA)
   This output is suitable for DAC with coaxial input.

7. Coaxial Output (BNC)
   This output is suitable for DAC with coaxial input.

8. AES/EBU Output (XLR)
   This output is suitable for DAC with AES/EBU input.

◆ Note:
   To ensure system will perform satisfactory, we recommend you to use proper
digital audio cable that meets required specification when connect iDAP-6 to
digital audio equipment.

◆ Important Note:
   a. Please select “I²S” from “Output Selection” of “Music Setting” before you use
      the I²S (HDMI) output of IDAP-6
   b. Please select “S/P” from “Output Selection” of “Music Setting” before you use
      the optical, coaxial (RCA and BNC) and AES/EBU output of IDAP-6.
   c. USB and S/PDIF output are mutually exclusive, connecting USB Audio device
to iDAP-6 will disable S/PDIF and I²S output automatically.

9. Power input connector
   Connect to AC Power supply.
   Please make sure the AC voltage of your local power supply match the voltage
   information printed on the back panel before you power up the player.

10. FUSE.
    If in case you need to change the fuse, please use replacement fuse with same
    specification as the original. (The player is equipped with 2 spare fuse).

11. Main Power Supply
    Switch the main power supply to "On" position will turn on the Player.

◆ Tips:
   If you are not going to use the player for a while, we recommend you to turn off the
   main power supply.
◆ Note:
Please make sure the AC voltage of your local power supply match the voltage information printed on the back panel before you power up the player. Incorrect input voltage setting will cause damage to the machine or might even lead to serious household accident, Cayin reserves the right to refuse service or responsibility on related instances.
Preparation

1. Connect Power source
   Please make sure the AC voltage of your local power supply match the voltage information printed on the back panel before you plug in a power cord and connect to a AC power outlet.

2. System Connection
   The system connection diagram illustrates how iDAP-6 connects with iDAC-6. You can select the required connection according to your actual need.

(1) Connecting Digital Audio Cable
   ◆ If you want to use RCA output of the player, you need to connect 75Ω coaxial digital cable to coaxial RCA or BNC input of DAC.
   ◆ If you want to use BNC output of the player, you need to connect 75Ω coaxial digital cable to coaxial RCA or BNC input of DAC.
   ◆ If you want to use AES/EBU output of the player, you need to connect 110Ω coaxial digital cable to AES/EBU input of DAC.
   ◆ If you want to use Optical output of the player, you need to connect optical digital cable to Optical/Toslink input of DAC.
   ◆ If you want to use I²S (HDMI) output of the player, you need to connect short (1 meter or less) high quality HDMI cable to I²S input of DAC.

(2) Connecting Ethernet Network
   ◆ When connected to an Ethernet Network, iDAP-6 can playback music files shared within a LAN or receive pushed music from DLNA or Airplay.
   ◆ Please connect Ethernet cable from RJ-45 port in rear panel to one of the LAN connection port of your router. The music files stored on the NAS or other networked device should also be connected to other LAN port of this router.

(3) Connecting Wireless Network
   ◆ When connected to an WiFi Network, iDAP-6 can playback music files shared within a LAN or receive pushed music from DLNA or Airplay.
   ◆ Turn on the WiFi feature at Network Setting menu, activate the Searching WiFi on the menu and selected the best WiFi singal from your Router.
Basic Operation

Please make sure the AC voltage of your local power supply match the voltage information printed on the back panel and make sure all equipment are connected correctly.

1. Startup Operation
   - Turn on the power switch on rear panel, the player will power up and enter standby mode.
   - Hold on the front panel power button, and its indicator light will turn on, and the screen will display startup logo as below:

   ![Startup Logo]

2. Main Menu
   The Player enters main menu after startup and display five functional icons.

   ![Main Menu Icons]

   Rotate MENU button to select the desired icon and push MENU button once to enter, the player will display the options available in each menu.
### Music Library

<table>
<thead>
<tr>
<th>Category</th>
<th>Functions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Local Storage Music</td>
<td>Select Local Storage devices: SD card, USB storage (USB Flash Drive, card reader or HDD, connected as OTG devices)</td>
</tr>
<tr>
<td>Network Music</td>
<td>Browse or play the folders or music files shared in the LAN</td>
</tr>
<tr>
<td>Update Music Library</td>
<td>Scan music files from SD card and USB storage, and synchronize metadata to facilitate Music Category functions.</td>
</tr>
</tbody>
</table>

### Music Category

- Songs, Favorite, Recent, Album, Genre, Artist, Playlist

### Playing now

- Songs, Favorite, Recent, Album, Genre, Artist, Playlist

### Music Setting

- Playback Mode, Output selection, DSD Output Mode, Resume from Breakpoint, Gapless, Lyrics, Album Art

### System Setting

- System Setting, Network Settings, System Update, About Player
Local Storage Music

- Local music is the music stored in SD card or USB storages that attached to iDAP-6 directly.
- Highlight the Local Storage icon on the left pane, push the MENU button once to enter the storage device list, browse through the folders and select your desired music file, push MENU button once to play the file, the screen will jump to “Playing Now” interface.

Network Music

- Network Music is the music file stored on the NAS or from shared folders of computers in the LAN.
- Highlight the Network Music icon on the left pane, push the MENU button once to enter Network Music submenu. Select Local Area Network Music option below and push MENU button to start searching for NAS and shared folders in the network.

Update Music Library

- Highlight the update music library icon on the left pane, push MENU button once to enter the Music Update submenu, and push the MENU button again to start the update process as below.
(2) Music Category
The system scans and records metadata of music files during updating music library. The Music Category function will create multiple list according to "Songs", "Album", "Genre" and "Artist". In addition, Music Category will also provide features such as "Favorite", "Recent" and "Playlist", allowing users to browse and select songs to playback according to various classifications.

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Songs</td>
<td>Display all songs in storage device</td>
</tr>
<tr>
<td>Favorite</td>
<td>Display the song list that is marked as “Favorite”</td>
</tr>
<tr>
<td>Recent</td>
<td>Display recently played music files</td>
</tr>
<tr>
<td>Album</td>
<td>Display album list, rotate MENU button to select an album, push MENU button once to view song list.</td>
</tr>
<tr>
<td>Genre</td>
<td>Display genre list, rotate MENU button to select a genre, push MENU button once to view song list.</td>
</tr>
<tr>
<td>Artist</td>
<td>Display genre list, rotate MENU button to select a artist, push MENU button once to view song list.</td>
</tr>
<tr>
<td>Playlist</td>
<td>Display the songs that is added into Playing Now list</td>
</tr>
</tbody>
</table>
(3) Playing Now
If iDAP-6 is playing or paused, the screen will display Playing Now interface. If it is not playing, the music category interface is displayed.

There are several control icons at the bottom of Playing Now interface, you can select any one of these icons by turning the MENU button (notice the red highlight), and you can push the MENU button once to confirm your action. Push the MENU button and hold for 2 second will always stop the playback and go back to Main Menu.

1. The control icons, from left to right, are Previous, Play/Pause, Next, Shortcut, My Favorite, Playlist and Progress Bar.
2. When you select and click the shortcut menu icon, you'll be given the following choice: Playback Mode, Add Playlist and Delete current file.
3. When you highlighted the Progress Bar, you can push the MENU button once to select it, and then turn the MENU button clockwise to Fast Forward, and anti-clockwise to Rewind.
4. If you select the Playback mode in Shortcut menu, you can select your desired mode by pushing the MENU button, the system will rotate among four playback mode as below:

```
Repeat All  Repeat Once  Play in Order  Shuffle
```

(4) Music Setting
You can set up playback parameters or turn on/off functions related to music playback in Music Setting interface.
The album art file can be jpeg, png or bmp format (in this order or priority) with resolution not more than 2000x2000.

The iDAP-6 will recognize album art through the following priority:

1. Embed album cover to the metadata of the music file
2. Rename the album art to same filename of the music file and store both music file and album art into the same folder
3. Rename the album art as front.xxx, cover.xxx or folder.xxx (in this order of priority and case insensitive) and put it into the same folder with music files that will use this as their album art.

<table>
<thead>
<tr>
<th>Playback Mode</th>
<th>Four playback modes: Play in Order, Shuffle, Repeat Once, Repeat All</th>
</tr>
</thead>
<tbody>
<tr>
<td>Output selection</td>
<td>Select between S/PDIF or I²S output</td>
</tr>
<tr>
<td>DSD Output Mode</td>
<td>Select between DoP or D2P output</td>
</tr>
<tr>
<td>Resume from Breakpoint</td>
<td>When turn on, the player will resume playback from the previous stop or power off location</td>
</tr>
<tr>
<td>Gapless</td>
<td>When turn on, player will skip all the gaps between media files and play all files seamlessly</td>
</tr>
<tr>
<td>Lyrics</td>
<td>When turn on, player will display lyric alongside music playback (required associated lyric file for the music file)</td>
</tr>
<tr>
<td>Album Art</td>
<td>When turn on, the player will display album art on the Playing Now menu (required associated graphic file for the music file).</td>
</tr>
</tbody>
</table>
(5) System Setting
You can set up system parameters and wireless/networking functions in System Setting interface.

<table>
<thead>
<tr>
<th>System Setting Submenu</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>System Setting</strong></td>
</tr>
<tr>
<td><strong>Network Setting</strong></td>
</tr>
<tr>
<td><strong>System upgrade</strong></td>
</tr>
<tr>
<td><strong>About Player</strong></td>
</tr>
</tbody>
</table>
You can complete the above operations by turning the MENU button to highlight System Setting on the Left pane, push the MENU button once to confirm your selection and enter submenu, rotate the MENU button again to highlight the desired option. For example, if you want to change the backlight setting, highlight and push the Menu button to enter backlight time-out option, you can then select the desired backlight duration from the popup interface.

**Network Setting Submenu**

<table>
<thead>
<tr>
<th>BT Setting</th>
<th>On/Off, Search, Pair, Hiba-Link, Sound Quality</th>
</tr>
</thead>
<tbody>
<tr>
<td>WiFi Setting</td>
<td>On/Off, Search, Connect, Password (virtual keyboard)</td>
</tr>
<tr>
<td>DLNA</td>
<td>On/Off</td>
</tr>
<tr>
<td>Airplay</td>
<td>On/Off</td>
</tr>
</tbody>
</table>
1. Wired network: Please connect Ethernet cable to RJ-45 port in rear panel. The player will obtain IP address and connect to network automatically. A network icon will be displayed in the top right corner after connection.

2. BT Setting: At Bluetooth submenu, turn on the Bluetooth and the system will scan for available Bluetooth devices. Scroll to the Available Device list at the bottom of the screen and use MENU button to select the device that you want to pair with push MENU button once to confirm connection. If you have connected to this device previously, you can select the device from “Paired Device” and the player will setup the connection directly.

HibyLink: Turn on the HibyLink feature on the Bluetooth submenu. Install the HiByMusic App (v3.0 or after) to your Android phone or mobile device. At the top right corner of the Hiby Menu bar, select the HibyLink icon. and the App will search for HibyLink compatible device immediately, you can now select Cayin iDAP-6 (according to the Bluetooth Device name) and complete the connection. Once the file sharing is setup, you can browse the Local Music content and remote control the iDAC-6 through your Android device.
3. WiFi Setting

At WiFi Submenu, set the WiFi option to On, system will activate and search for available WiFi hotspots. You can select the desired hotspot at the end of the searching and push the MENU button once to confirm the connection.

◆ Important Note:

When connect to WiFi or Bluetooth, iDAP-6 will display a virtual keyboard as below if a password is required. Turn the MENU button to locate the charter and push the Menu button once to enter one character at a time.
System upgrade
Cayin will release firmware update to enhance and optimize IDAP-6 as deemed required, please follow the instruction of our official firmware release at www.cayin.cn to complete the firmware update process.

About player
You can check the model number, SD card capacity and remaining storage amount, Bluetooth Mac address and firmware version in this interface.
Safety Precautions

1. Please make sure the voltage information printed on the back panel match the AC voltage of your local power supply before you power up the player.
2. Unplug the power cord if you are not going to use the DAC for an extended period of time, and keep the machine in proper condition.
3. Please handle with care, avoid tempering to the machine.
4. The iDAP-6 will not functional appropriately if moistures has developed inside the player, please avoid operate the machine until internal moistures has cleared. Moistures can be caused by placing the player at a location when heater or steamer has just turned on. Moving the player from a cold environment to a warm location. Moving the machine from a chilled (e.g., air conditioned room) to a hot and humidity environment.
5. Do not attempt to service this product yourself. Opening the cover may expose you to electric shock or other hazards.
6. The Player must be keep away from water dripping or water splitting, do not place any objects filled with liquids such as vases or some others on the top or around.
7. Do not attempt to disassembly the machine, all service and maintenance must be conducted by authorized service technician.
8. Please disconnect power cable before you attempt to clean the machine. Please use soft clean cloth to wipe clean the chassis, do not use volatile solution or corrosive cleaning product.
9. Place the Player at a flat surface, make sure all four supporting tips are evenly loaded.
10. Do not place any flammable material on the Player.
11. Do not operate the Player under direct sunlight or high temperature, will cause serious deviation or even damage to the electronic components.
12. The machine will become hot during operation, Please keep the Player at a well-ventilated environment and do not cover the PGayer with anything.
13. Please Contact your Cayin agent or retail shop, or our after-sales service if the machine is not working properly.
14. In case you Cayin product requires warranty or repair services, please contact your local Cayin dealer or distributor, or email us at service@cayin.cn. This product is fit for operation at altitude 2000m or below and none tropical climate. Please reserve ample space behind the back panel so that cables and power cords can be plug in or unplug.
Trouble shooting

To ensure the Player will function at premium condition, please follow the basic operation and safety precaution as advice. Improper operation might lead to malfunction, if you run into trouble as stated below, please check before you panic. Sometimes the problem are related to associated equipment or cables, please also check and make sure everything is in proper condition. Please contact your Cayin agent or retail shop, or our after-sales service if the problem cannot be rectified.

<table>
<thead>
<tr>
<th>Problem</th>
<th>Cause</th>
<th>Remedy</th>
</tr>
</thead>
<tbody>
<tr>
<td>No sound from headphone after power on</td>
<td>Power Indicator is Off</td>
<td>Power is not connected</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Main fuse is out</td>
</tr>
<tr>
<td></td>
<td>Power Indicator is on</td>
<td>In non-playing mode</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Audio cable has not connected properly and The back-end device is not working</td>
</tr>
</tbody>
</table>

Specification

<table>
<thead>
<tr>
<th>Physical Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimension</td>
</tr>
<tr>
<td>Net Weight</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Power Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input Voltage</td>
</tr>
<tr>
<td>Power Rating</td>
</tr>
<tr>
<td><strong>Wireless and Network Specification</strong></td>
</tr>
<tr>
<td>--------------------------------------</td>
</tr>
<tr>
<td>Bluetooth</td>
</tr>
<tr>
<td>Wireless LAN</td>
</tr>
<tr>
<td>LAN</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Music Format (Local Storage)</strong></th>
<th></th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th><strong>Signal Output</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>USB Audio</td>
<td>Connector: USB Type A</td>
</tr>
<tr>
<td></td>
<td>PCM Output: 44.1kHz to 384kHz</td>
</tr>
<tr>
<td></td>
<td>DSD Output: DSD64/128 (2.8MHz/5.6MHz DoP);88.2kHz(D2P)</td>
</tr>
<tr>
<td>I²S</td>
<td>Connector HDMI Type A</td>
</tr>
<tr>
<td></td>
<td>(The device transmits I²S signal with HDMI connector, it is not compatible with standard HDMI device)</td>
</tr>
<tr>
<td></td>
<td>PCM Output: 44.1kHz to 384kHz</td>
</tr>
<tr>
<td></td>
<td>DSD Output: DSD64/128/256 (2.8MHz/5.6MHz/11.2MHz)</td>
</tr>
<tr>
<td>COAXIAL 1</td>
<td>Connector: RCA</td>
</tr>
<tr>
<td></td>
<td>PCM Output: 44.1KHz to 192kHz</td>
</tr>
<tr>
<td></td>
<td>DSD Output: DoP64(2.8MHz)</td>
</tr>
<tr>
<td>COAXIAL 2</td>
<td>Connector: BNC</td>
</tr>
<tr>
<td></td>
<td>PCM Output: 44.1KHz to 192kHz</td>
</tr>
<tr>
<td></td>
<td>DSD Output: DoP64(2.8MHz)</td>
</tr>
<tr>
<td>AES/EBU</td>
<td>Connector: XLR Male</td>
</tr>
<tr>
<td></td>
<td>PCM Output: 44.1KHz to 192KHz</td>
</tr>
<tr>
<td></td>
<td>DSD Output: DoP64(2.8MHz)</td>
</tr>
<tr>
<td>OPTICAL</td>
<td>Connector: TOSLINK</td>
</tr>
<tr>
<td></td>
<td>PCM Output: 44.1KHz to 176.4kHz</td>
</tr>
<tr>
<td></td>
<td>DSD Output: DoP64(2.8MHz)</td>
</tr>
</tbody>
</table>

*note: DoP: DSD over PCM; D2P: DSD to PCM*
Visit us by swiping the following 2D bar code:

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