

All the pictures below are for illustrations only. Specifics are subject to the actual product.



## **Foreword**

Thank you so much for purchasing FiiO's portable high resolution lossless music player R7. We have prepared this complete user manual for you. We hope this manual can help you get the hang of the R7 and unleash its full potential.

## **An introduction to the R7**

Building a desktop HiFi system traditionally has been full of compromises. Stacking various brands of equipment together makes it hard to have an elegant and compact setup.

For streaming media, such a setup usually brings an unacceptable experience. But now there is a new solution.

The FiiO HiFi desktop experience version 1.0 is now available.

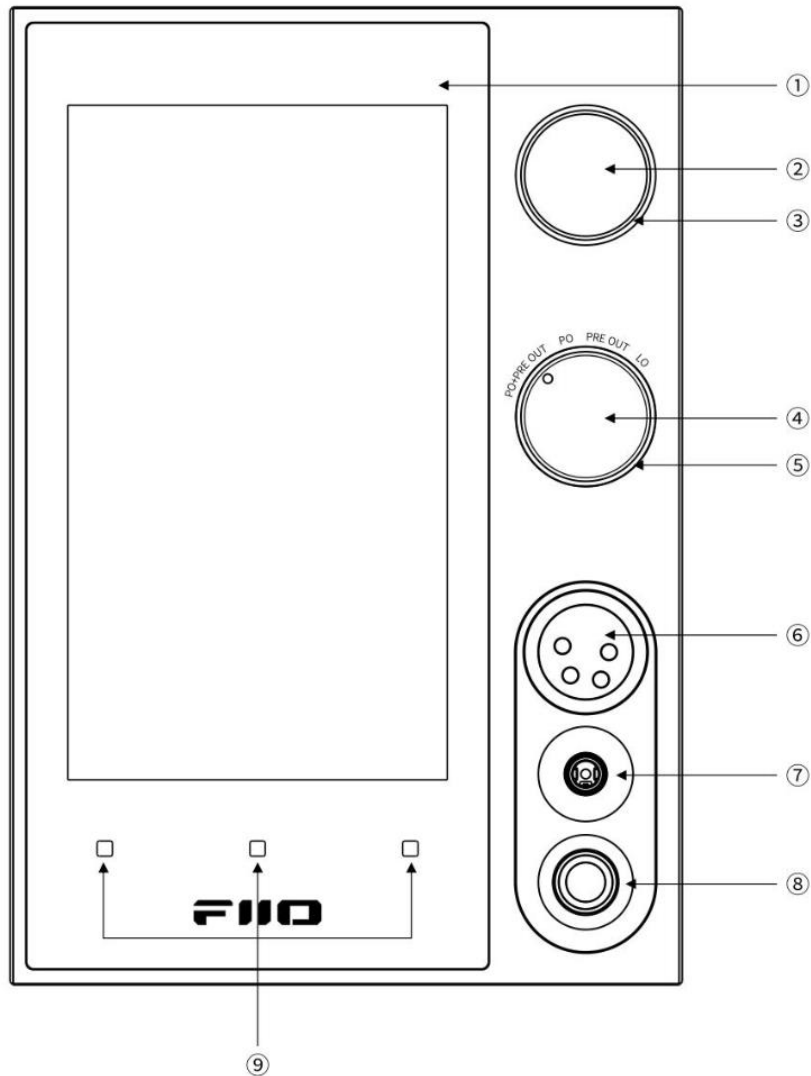
With the R7 serving as the centerpiece, and backed by the SP3 speakers and FT3 headphones, you will experience a consistent and highly enjoyable audio and visual device.

Welcome to a new era of a slick desktop HiFi experience!

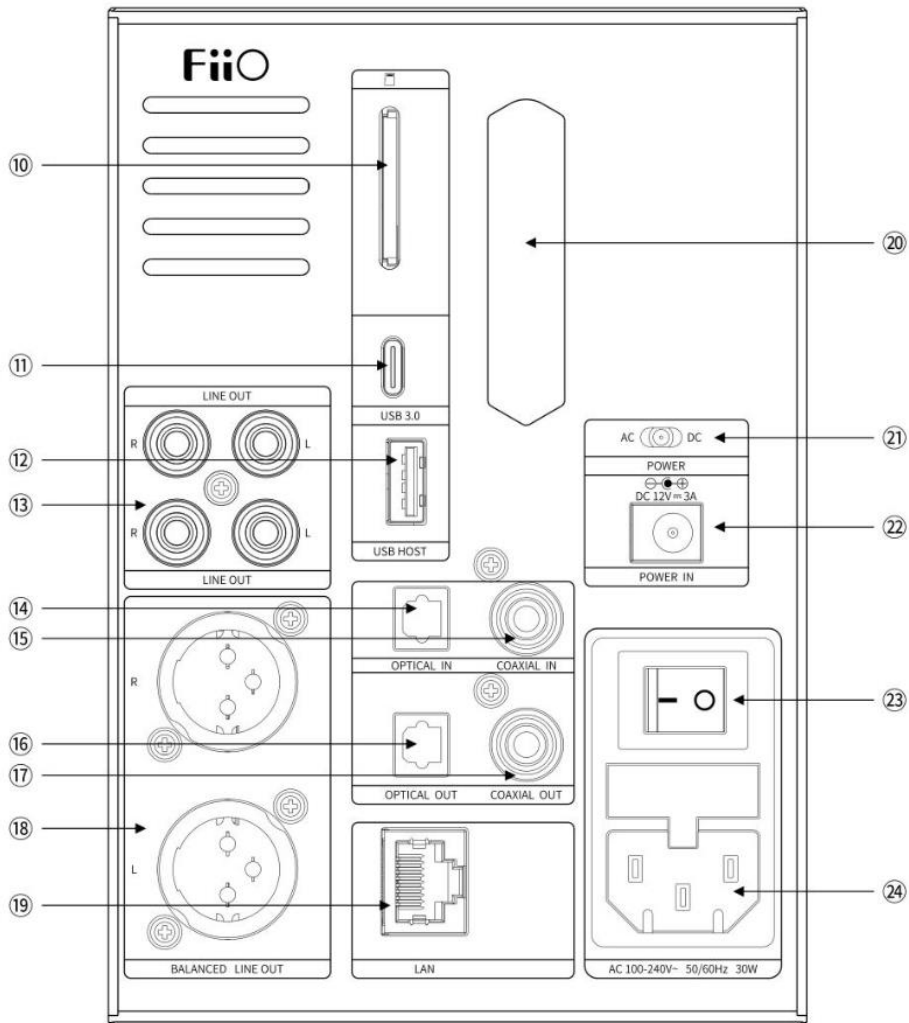
## Buttons and ports

### 1. Pictorial guide to buttons and ports

(Pictures are for reference only. The real product may vary.)



① Display	⑥ XLR4 balanced headphone out
② Power/Lockscreen/Volume knob	⑦ 4.4mm balanced headphone out
③ Volume knob indicator light	⑧ 6.35mm headphone out
④ Analog output level knob	⑨ Touch buttons: Multifunction buttons, which can be self-defined on the menu of Settings - Global - Touch button
⑤ Level knob indicator light	



⑩ MicroSD card slot	⑱ XLR balanced line-out
⑪ Type-C USB 3.0 port	⑲ 100M Ethernet port
⑫ USB-A port	⑳ WiFi/Bluetooth antenna
⑬ RCA line-out	㉑ AC/DC power toggle switch
⑭ Optical in	㉒ DC power in
⑮ Coaxial in	㉓ AC power switch
⑯ Optical out	㉔ AC power in
⑰ Coaxial out	

## 2. Instructions for buttons and ports

- ① Power/Lockscreen/Volume knob: Scroll the volume knob to adjust the volume; hold the button when the device is off to turn it on; short press the button to enter/exit screensaver page; hold the button to power off/reboot/select modes.
- ② Volume knob indicator light: You can customize it on the Settings->Display->Indicator light control->Volume knob indicator menu.
- ③ Analog output level knob: Scroll the Analog output level knob to switch different analog output mode.
- ④ Level knob indicator light: You can customize it on the Settings->Display->Indicator light control->Output knob indicator menu.
- ⑤ XLR4 balanced headphone out: Supports XLR4 balanced headphone.
- ⑥ 4.4mm balanced headphone out: Supports 4.4mm balanced headphone.
- ⑦ 6.35mm headphone output: Supports 6.35mm headphone.
- ⑧ Touch buttons: Multifunction buttons, which can be self-defined on the menu of Settings - Global -Touch button
- ⑨ **MicroSD card slot**: Supports one TF card (micro SD card), theoretically up to 2TB expansion.
- ⑩ **XLR balanced line-out**: Supports XLR3 balanced lineout
- ⑪ **Type-C USB 3.0 port**: Supports data transfer, USB HOST, USB OTG and so On.
- ⑫ **USB-A port**: Supports USB HOST and USB OTG.
- ⑬ RCA line-out: Supports RCA lineout
- ⑭ Optical in: Supports optical input. You can hold the power button and switch to OPT mode.
- ⑮ Coaxial in: Supports coaxial input. You can hold the power button and switch to COAX mode.
- ⑯ Optical out: Supports optical output. You can enable optical output from system setting-Audio-OPT/COAX output first.

⑰ Coaxial out: Supports coaxial I output. You can enable coaxial output from system setting-Audio-OPT/COAX output first.

⑱ AC/DC power toggle switch: You can switch between AC/DC power mode according to your preference.

⑲ DC power in: DC power input port.

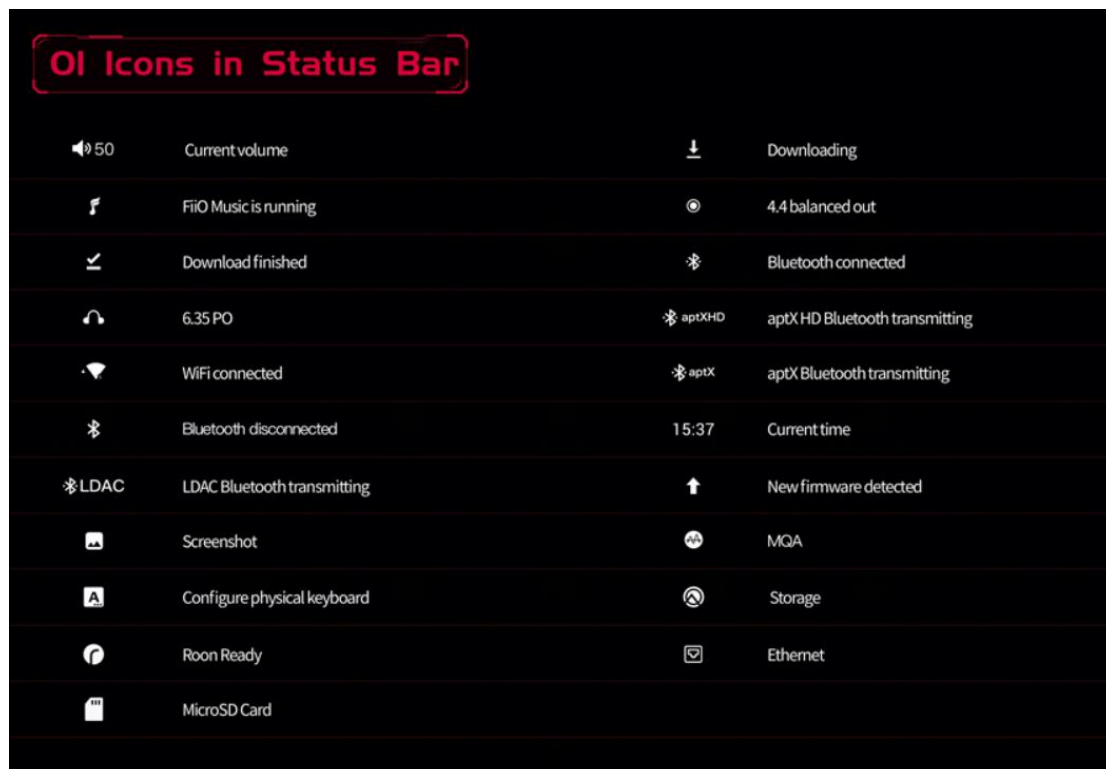
⑳ AC power switch: When using AC power mode, please enable AC power switch first. ("O" is off, "—" is on.)

㉑ AC power in: AC power input port.

## Status bar and display page

### 1. Status bar

The status bar on the top screen shows the working states of the R7.



## 2. Icons in drop-down menu

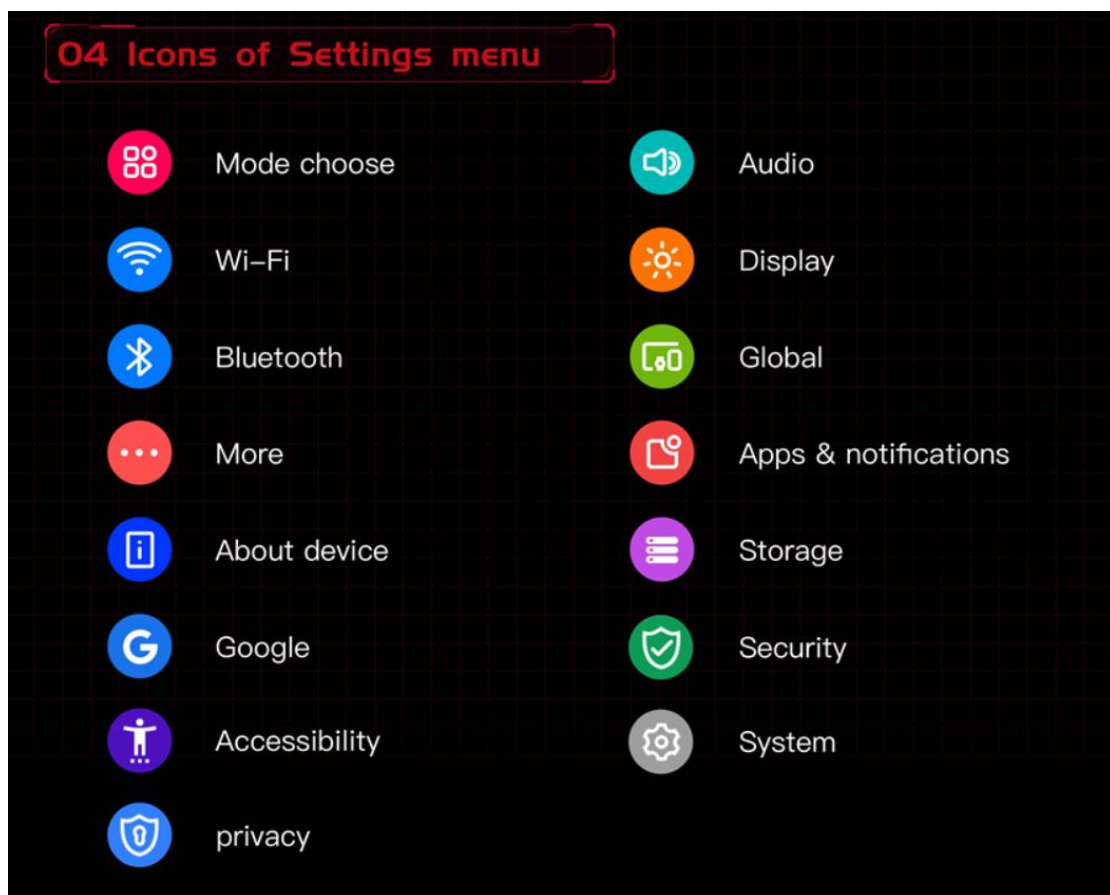
02 Icons in Drop Down Menu					
Icon P states	Icon N states	Usage scenarios	Icon P states	Icon N states	Usage scenarios
		Low gain			Bluetooth
		Medium gain			WLAN
		High gain			Mode choose
		Enhanced over-ear headphone			All to DSD
		over-ear			Dark theme
		Night light			Fiio Roon

## 3. Icons of working modes

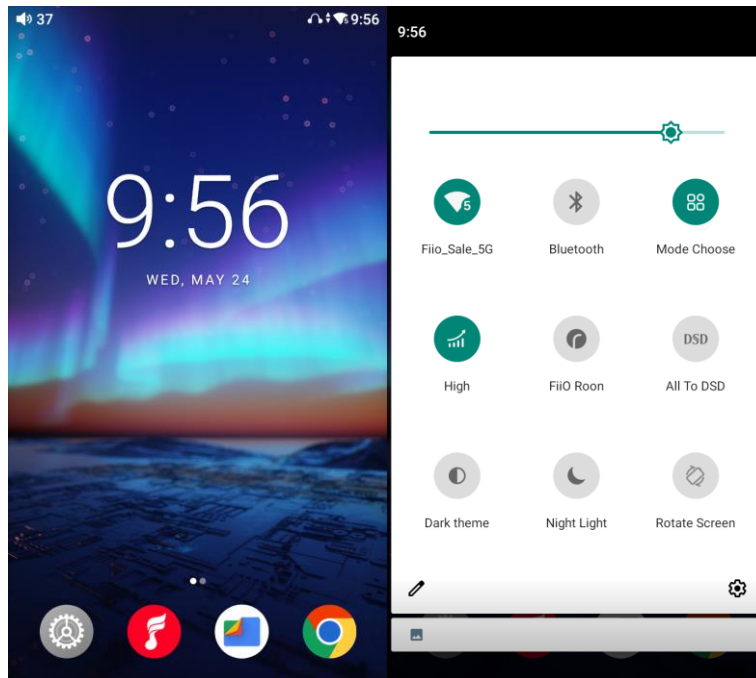
03 Icons of Working Modes					
	Pure music mode		Android mode		Bluetooth receiving mode
	AirPlay		USB DAC		
	COAX IN MODE		OPT IN MODE		



#### 4. Icons of setting menus



#### 5. Homepage and drop-down menu



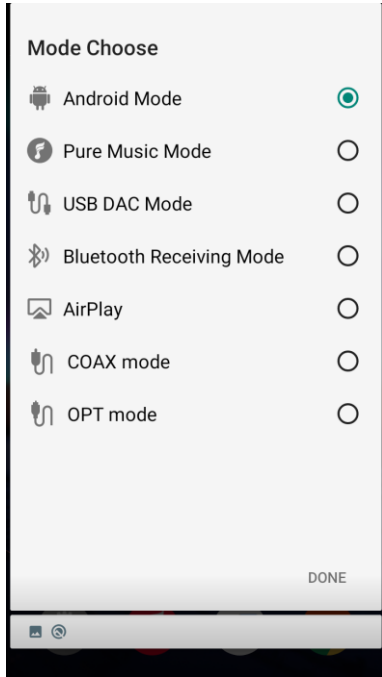
## Instructions for entry-level functions

### 1. Seven working modes

The R7 has 7 independent working modes: Android mode, Pure Music mode, Bluetooth Receiving mode, USB DAC mode, Airplay mode, COAX mode and OPT mode.

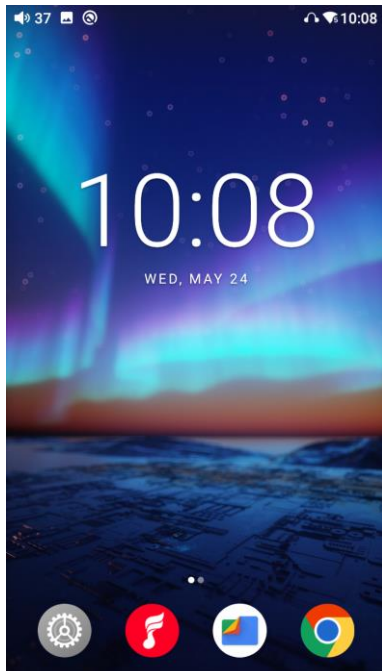
It is defaulted to enter Android mode when it powers on for the first time. You can switch to other operating modes by holding the power button for about 2s or dropping down the menu from the status bar.

If the player is in other modes but not the Android mode, you can switch it to other modes through the selection on the display, or tap Settings->Exit to go back to Android mode.



### **Android mode**

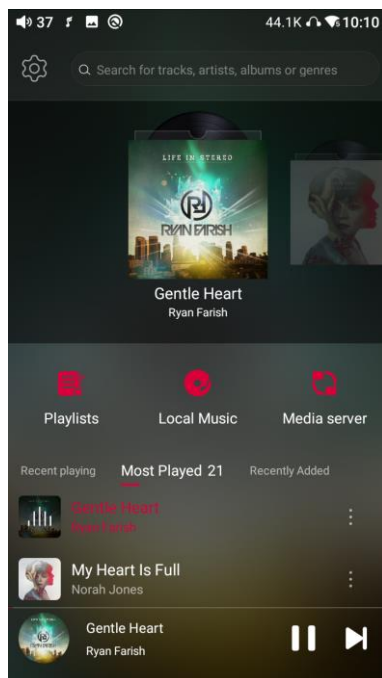
Third party applications will be available at will. It can be switched to other modes on the drop-down or settings menu.



### **Pure Music mode**

Third party applications will be automatically disabled while FiiO Music app will

be auto-enabled. It can be switched to other modes on the drop-down or settings menu.

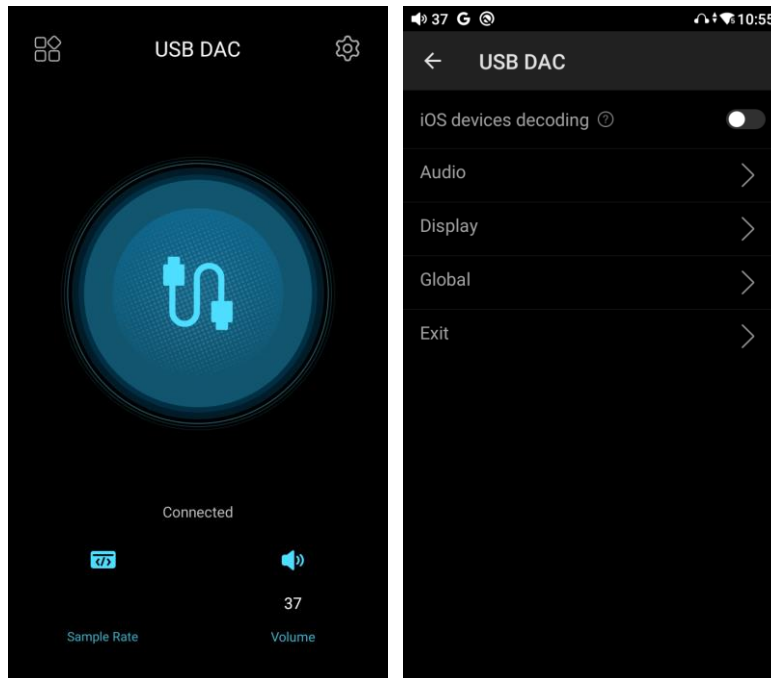


## USB DAC mode

In USB DAC mode, the R7 can be connected to other devices like a computer, working as a USB DAC/Amp. It can be switched to other modes on the drop-down or settings menu.

Notes:

1. When the R7 is going to work in the USB DAC mode for the first time in Windows computer, FiiO's exclusive USB DAC driver is required. Please download it on our website and follow relevant instructions to install it.
2. When the R7 is used as USB DAC for iOS device, please enable the 'iOS devices decoding' option in the setting menu first.



## Bluetooth Receiving mode

1. When switching to the Bluetooth Receiving mode for the first time, the R7 will automatically enter the pairing state. The next time it enters Bluetooth Receiving mode, it will reconnect to the last connected device automatically.

2. Go to the Bluetooth transmitting list of the mobile phone, and tap the R7 to complete the connection.

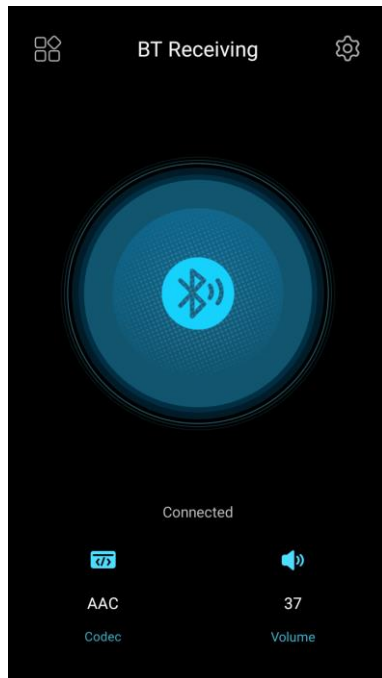
-Force the device to enter pairing mode: Hold the Play/Pause button for about 3 seconds.

-Manually enter reconnecting mode: Short press the Play/Pause button when not in pairing mode.

-Clear current pairing: Hold the Previous and Next track buttons at the same time for about 3 seconds.

-Play/Pause: Short press the Play/Pause button.

-Previous/Next track: Short press the Previous/Next track button.



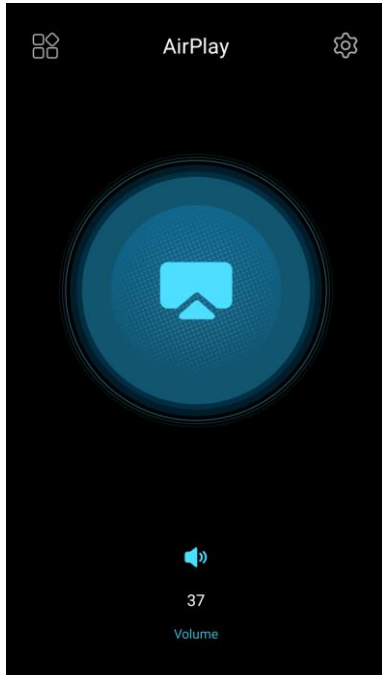
## **AirPlay**

When working in AirPlay mode, the R7 requires a valid WiFi connection.

Please confirm that it is connected to an available network before entering AirPlay mode.

There are mainly 3 steps.

1. Make sure the R7 and your iOS devices are connected to the same WiFi network.
2. Switch the R7 to the AirPlay mode.
3. On the drop-down menu of the iOS device, choose the R7 as the playing device. So the R7 can receive audio signals from the iOS device.



## **COAX mode/OPT mode**

### **[How to connect]**

Optical / Coaxial output device -> R7 -> Headphones / Speakers

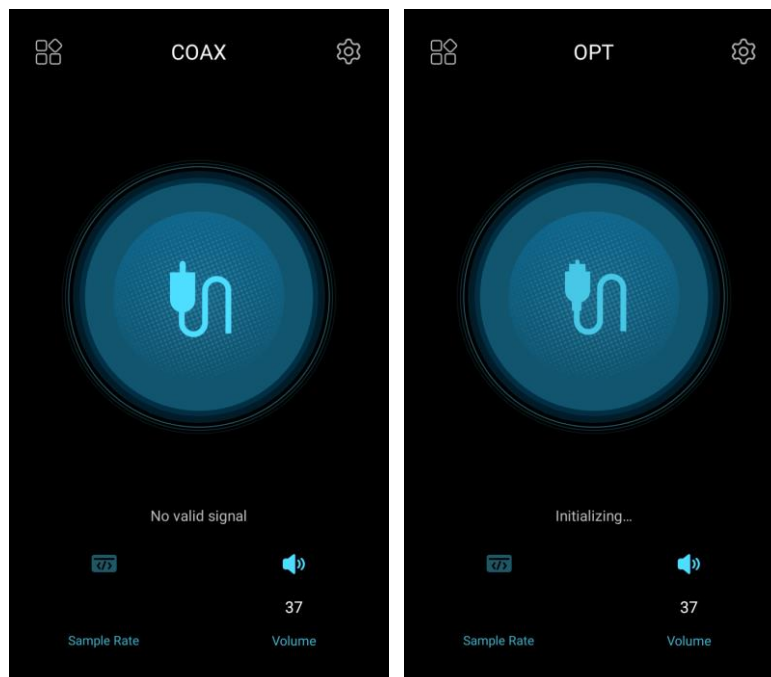
### **[How to Set]**

1. R7 input setting: After power on the R7, hold the power button for about 2s or drop down the menu from the status bar, then switch to the corresponding optical / coaxial decoding mode. And access the corresponding optical / coaxial cable to [OPTIAL IN] or [COAXIAL IN] port in the back panel of the R7.
2. R7 output setting: switch to the corresponding output port according to the interface used, switch to [PO] on the front panel headphone out, switch to [PRELO] or [LO] on the rear panel line-out, switch to [PO+PRELO] on the front panel headphone out and rear panel line-out.
3. Play music from the front-end Optical / Coaxial output device and you could enjoy the music.

Note: If there is no sound, please try other tracks to exclude the format and file problem.

### **[No output from coaxial/optical output port in coaxial and optical decoding mode?]**

Coaxial/optical decoding mode does not support coaxial/optical output.



## 2. How to access the storage/SD card after connecting the R7 to a computer?

For Windows computers, it is driver-free. After connecting the R7 to the computer by the included USB cable, the driver will be automatically installed. Then the FiiO R7 disk can be directly seen on the computer.

Mac computers need a driver.

1. After connecting the R7 to the Mac computer, click the ""NO NAME"" folder emerging on the desktop->double click Mac->Mac/MAC OS MTP

Client->Android File Transfer.dmg. Drag the ""Android File Transfer.dmg"" to the desktop of the computer.

2. Drag the ""Android File Transfer"" file to the ""Applications"" folder and wait for the completion of the copy.

3. Enter ""Applications"", and double click the ""Android File Transfer"". Then you can manage the files stored in the internal storage of the R7 or the Micro SD card.

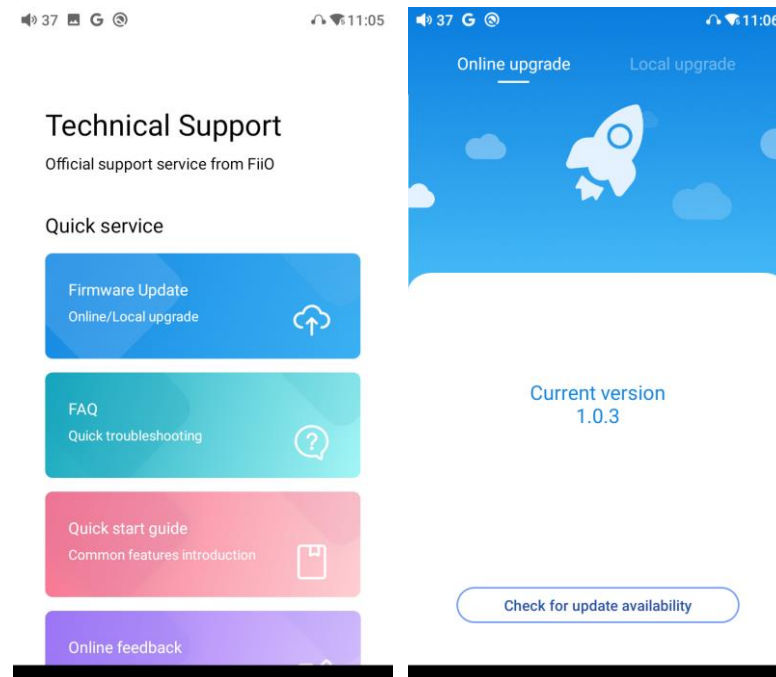
Notes: The R7 folder will directly pop up the next time it is being connected to



the same computer.

### 3. How to upgrade firmware?

The R7 supports online upgrade and local upgrade.



#### 1. Online upgrade

If a new firmware is available and can be detected (with the R7 connected to an available internet), an upgrade notification will show up in the notification center. Tap on it to enter the update menu for the online upgrade. If there's no upgrade notification showing up, you can go to the "Technical Support->Firmware Upgrade" menu, and tap the "Check for updates" icon to check manually.

#### 2. Local upgrade

Also, the R7 can be upgraded locally by a firmware package. Download the firmware package file from FiiO website, and copy it to the internal storage of the R7 or an SD card. Go to the "Technical Support->Firmware Upgrade->Local Upgrade" menu, and find the firmware package file to start the upgrade.

Notes:

1. Do not unzip the firmware package file.
2. Before the upgrade, ensure the power of the device is adequate (>30%) so to avoid upgrade failure.
3. If the device goes to factory mode which cannot detect the firmware, the reason may be that the firmware file is damaged. At this time, press the power button to reboot the device. Re-download the firmware file and restart the upgrade..

#### **4. How to install third-party apps?**

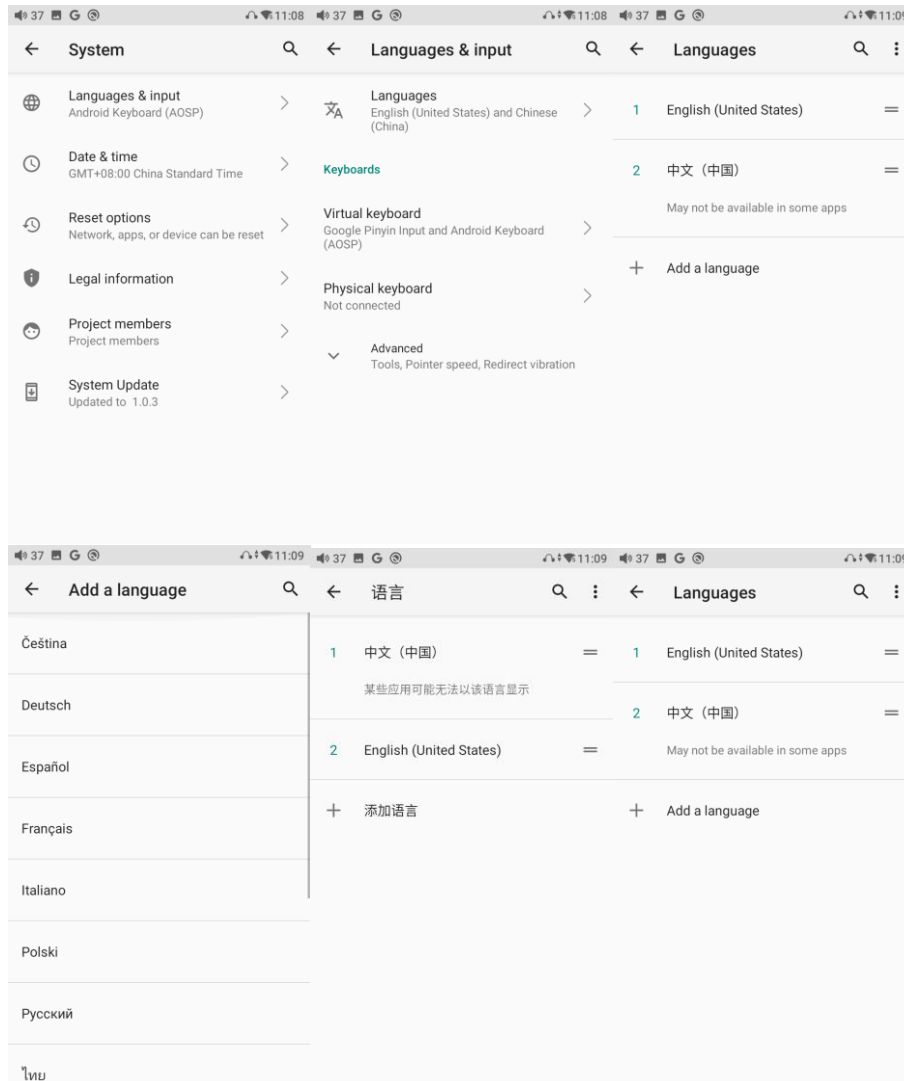
There are two ways to install applications that are similar to mobile phones'.

1. After connecting the device to a valid WiFi, go to FiiO market, Google Play or other app markets to download and install the app directly.
2. Local installation: copy the APK file to the R7. Go to the file management menu to find the file and install it.

#### **5. How to change the language?**

Go to Settings->System->Languages and input->Languages->+ Add a language to choose the intended language. Press the "=" icon on the right side and drag it to the first line to select the language successfully.

The language of the FiiO Music app defaults to follow the system's. You can also go to FiiO Music app-> Settings->Languages to choose the language independently.



## 6. How to enable the USB DAC function?

For Mac computers, it is driver-free.

For Windows computers, please make the settings as the followed steps.

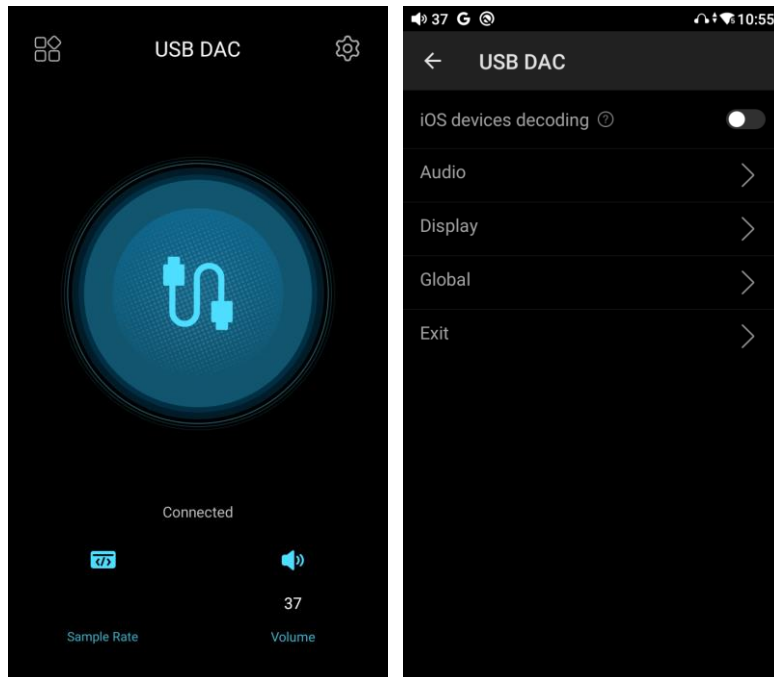
1. Install the FiiO DAC driver in the computer first.
2. Switch the working mode of the R7 to USB DAC mode on the drop-down menu or go to Settings->Mode choose menu to enter the USB DAC mode.
3. Connect the R7 to the computer by the USB port. Select the R7 as the audio input both in the computer and the music app, so it can work.

Notes:

1. When in the USB DAC mode, the R7 does not support Bluetooth

transmitting.

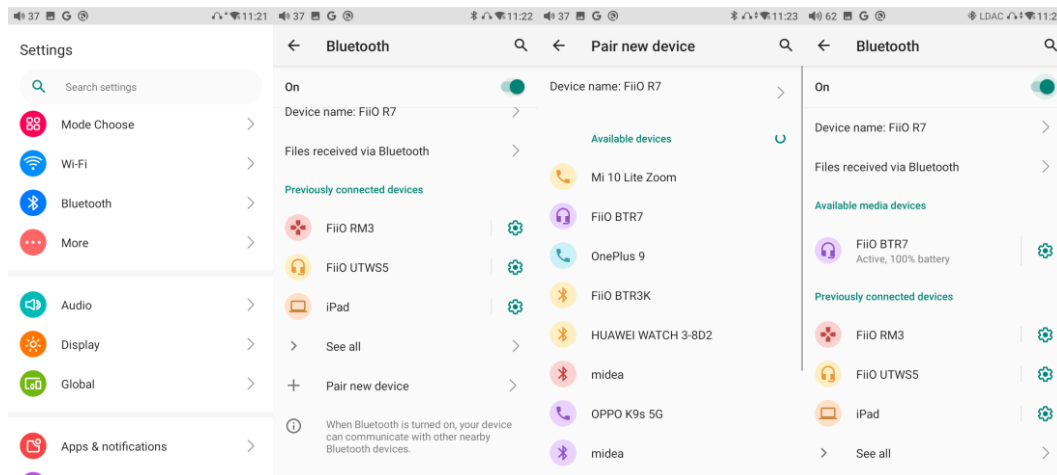
2. When the R7 is used as USB DAC for iOS device, please enable the 'iOS devices decoding' option in the setting menu first.



## 7. How to use the R7 as a Bluetooth receiver?

1. Go to the drop-down or Settings menu of the R7, and choose the working mode as Bluetooth receiving mode.
2. Go to the Bluetooth transmitting list of the mobile phone, and tap the R7 to complete the connection.

Note: If the connection fails, please turn off the Bluetooth function for R7 and mobile phone. Then turn on the Bluetooth again for try.



## 8. How to use the R7 as a Bluetooth transmitter?

It is similar to the mobile phone's. Here are the instructions.

1. Go to the Settings->Bluetooth menu to turn on the Bluetooth function.
2. Make the Bluetooth receiving device, such as Bluetooth earphones, enter the pairing state. (Please refer to the user manual of the Bluetooth receiving device about how to enter pairing state.)
3. Go to the Bluetooth device list of the R7->Pair new device to complete the connection.

### What can be done if the R7 fails to connect to Bluetooth earphones?

If it fails to connect to Bluetooth earphones for the first time, please make sure the earphones are under pairing state (the connection will fail if the earphones are under reconnecting state for the first-time connection). Go to the Bluetooth menu of the R7 to start the connection.

### What Bluetooth codecs does the R7 support? And how to switch the Bluetooth codecs?

The R7 supports LHDC, LDAC, aptX-HD, aptX, AAC and SBC which can be switched on Settings->Audio->Wireless playback quality menu.

### What can be done if the volume is too low when the R7 is connected to AirPods?

Go to Settings->About phone, and continuously tap the "Build number" 7

times. Go back to Settings->System->Developer options menu to turn off the "Disable absolute volume". Disconnect and reconnect the two devices through Bluetooth. (Note: You could find this option from Setting-Audio if you are using the firmware above FW1.0.3.)

## **9. How to enable the coaxial and optical output of R7?**

You could enable the OPT/COAX output from system setting-Audio-OPT/COAX output option.

### **[R7 optical / coaxial no output]**

Please enable the OPT/COAX output from system setting-Audio-OPT/COAX output option first.

Note: When the optical/coaxial output switch is turned on, the output will follow the standard SPDIF protocol specification.

Maximum supported sampling rate:

COAX OUT: 384kHz/24bit; DSD128 (DOP)

OPT OUT: 192kHz/24bit

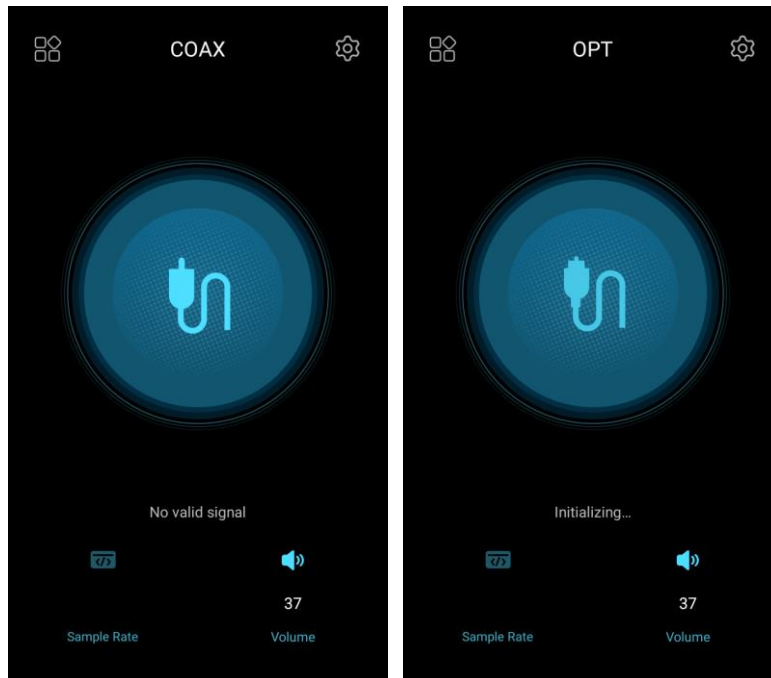
The tracks exceeding the maximum sampling rate will be SRC before outputting.

### **[The sample rate will show in the status bar when using coaxial / optical output?]**

The coaxial/optical output port of R7 is independent. The analog output and digital output can output at the same time. Besides, the XLR connector is without detection, so there is no distinction for analog output and digital output.

### **[No output from coaxial/optical output port in coaxial and optical decoding mode?]**

Coaxial/optical decoding mode does not support coaxial/optical output.



## 10. How to use FiiO Roon(Roon Ready) in R7?

1. You need to have a PC running Roon's core software before anything else. You can't just run it on the R7 since it is only an endpoint or controller. Official website of Roon: <https://roonlabs.com/>

2. Download Roon on your computer and log in your Roon account. On the computer:

Roon-Setting-Storage: Add local music or log in your Tidal account as the media library

Roon-Setting-Audio: Enable the R7.

3. The computer and R7 should connect to the same Ethernet. Start the FiiO Roon in R7 and start up the Roon Ready feature on the R7 to enable full bit perfect audio.

## 11. How to turn on the R7? How to choose the suitable power supply for R7?

### Power supply

As a desktop All-in-one machine, the R7 does not come with a battery. It supports DC or AC power supply. You could choose either power supply for it.

**AC power input:** compatible with 100~240V

R7 power adapter power supply voltage support between 100V to 240V AC power

When you use the AC power supply, please turn off the AC power switch first. Then toggle the AC/DC power switch to AC, and turn on the AC power switch.

**DC power input:** external DC power supply, 12V-3A

The R7 can also be used with external DC power supplies, such as the FiiO PL50 linear power supply or other power supplies to give your sound an even purer, blacker background to truly make the musical details pop.

When you use the DC power supply, please toggle the AC/DC power switch to DC.

**Power on:**

After connecting to the power supply, short press the power button for 2 seconds to turn on the R7.

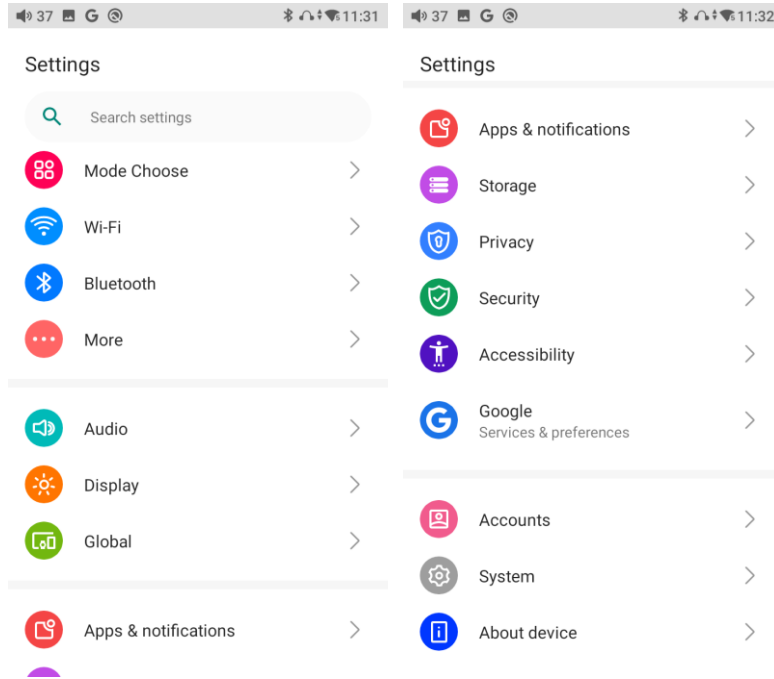
**Shutdown:**

Long press the power button, then click the power icon in the upper right corner of the screen. Click shutdown to turn off the R7.

**Introduction to system settings menu**

Here is the system settings menu of the R7

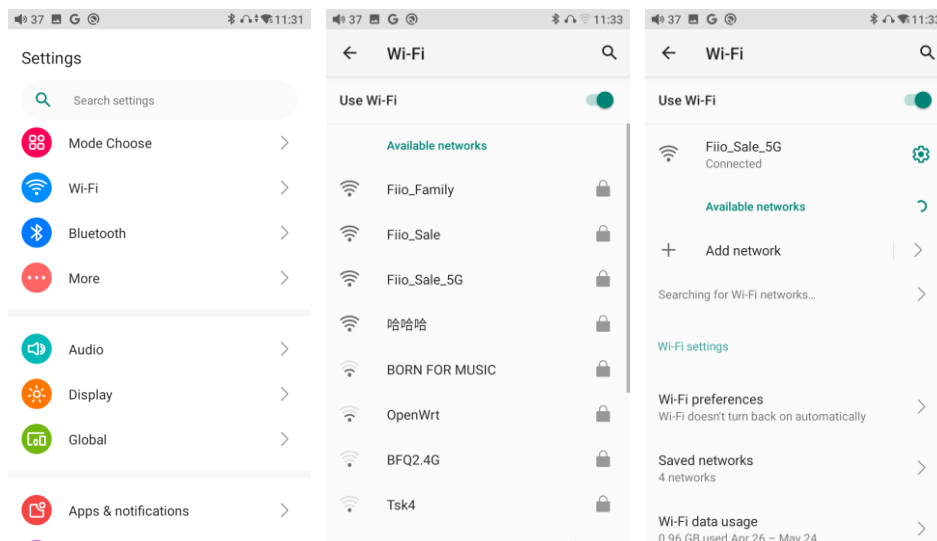




## 1.WiFi

The R7 supports a WiFi connection of 2.4/5G dual-band for music resources access. Here are the steps to connect the R7 to a new WiFi device.

- 1) In the settings menu of the R7, tap "WiFi".
- 2) Turn it on. The R7 will automatically search for and list available WiFi devices nearby.
- 3) Tap the intended WiFi device and connect them.



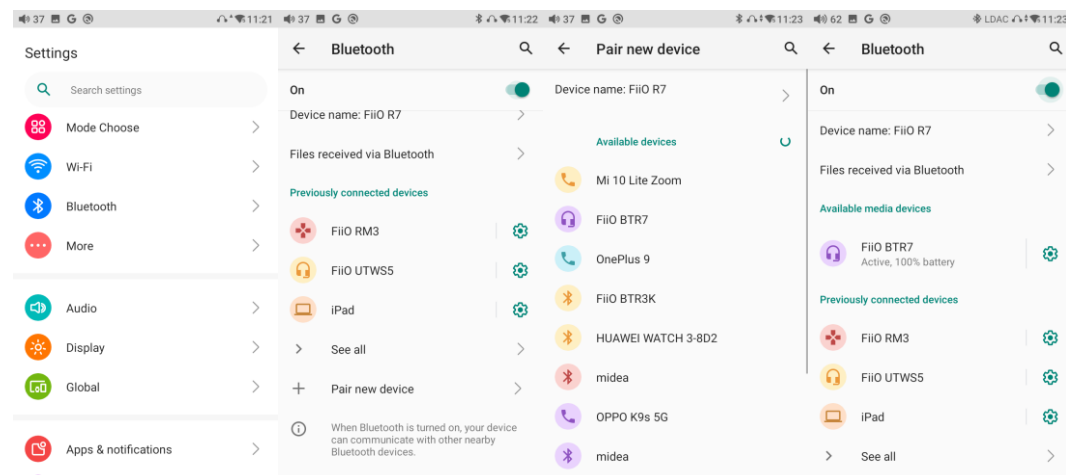
## 2. Bluetooth

The R7 supports lots of Bluetooth codecs for both transmission and reception, allowing for rich wireless connections.

### Bluetooth transmitter instructions

When being a Bluetooth transmitter connecting to new Bluetooth devices (such as Bluetooth headphones, Bluetooth speakers), the R7 needs to pair with the Bluetooth device first. Here are the steps.

1. Go to the Settings->Bluetooth menu to turn on the Bluetooth function.
2. Make the Bluetooth receiving device, such as Bluetooth earphones, enter the pairing state. (Please refer to the user manual of the Bluetooth receiving device about how to enter pairing state.)
3. Go to the Bluetooth device list of the R7->Pair new device to complete the connection.
4. Tap the intended device to start the connection. Successfully connected devices will be displayed on the list of Available media devices with an "Active" prompt.



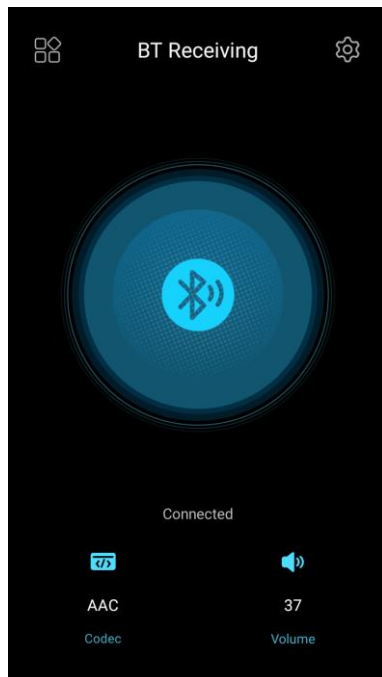
Before connecting to a Bluetooth device, you can select the Bluetooth codec you like in the R7. Here are the steps.

- 1) Go to the Settings->Audio menu.
- 2) Tap Wireless playback quality-> choose the intended Bluetooth codec.

Note:

When the Bluetooth is enabled, the R7 will preferentially connect to the last-connected available Bluetooth devices.

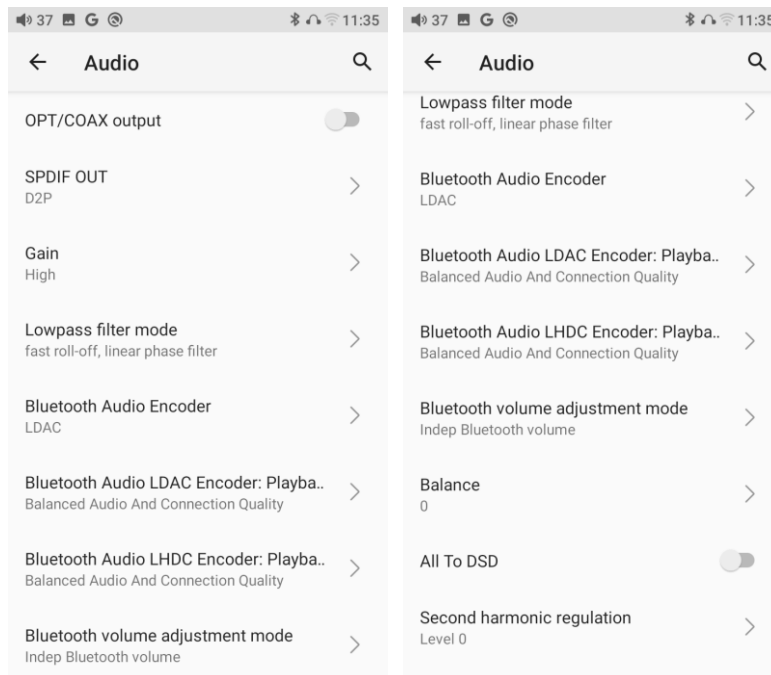
### Bluetooth Receiving mode



1. Go to the drop-down or Settings menu of the R7, and choose the working mode as Bluetooth receiving mode.
2. Go to the Bluetooth transmitting list of the mobile phone, and tap the R7 to complete the connection.

Note: If the connection fails, please turn off the Bluetooth function for R7 and mobile phone. Then turn on the Bluetooth again for try.

### 3.Audio



#### **OPT/COAX output**

Control the optical/coaxial output port, the default state is OFF.

#### **SPDIF OUT**

Coaxial output signal setting: This setting needs to be adjusted only when using coaxial output

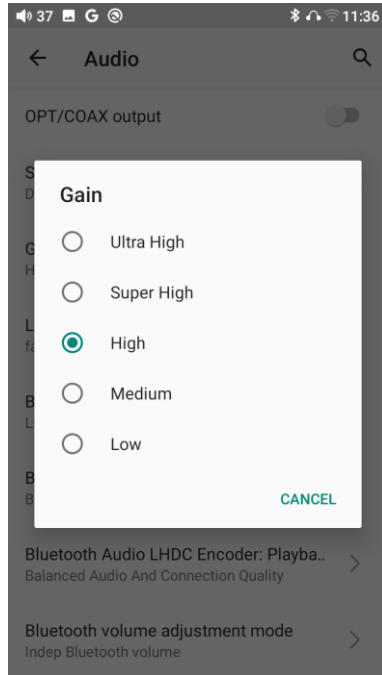
D2P mode, playing PCM signal will output native PCM signal; playing DSD signal will output converted DSD signal;

DoP mode, PCM signal and DSD signal will be natively output.

[Note] DoP is preferred, D2P needs to selecting when some devices that do not support DoP.

#### **Gain**

There are five gain levels: Ultra high mode, Super high, high, medium and low, corresponding to five levels of output voltage. You can choose different gains according to your headphones.



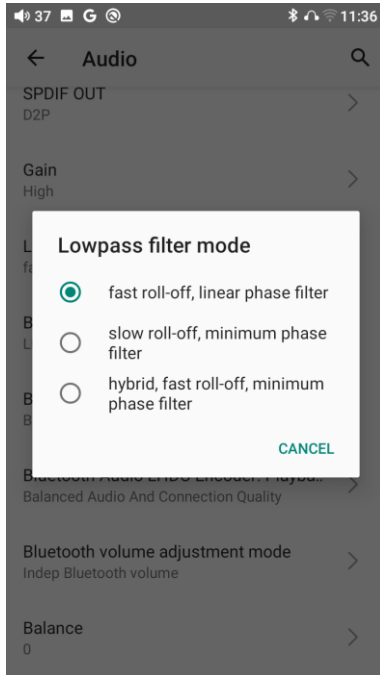
### **Lowpass filter mode**

There are three different filters on the R7, you can choose them according to your listening preferences.

Filters are some effects that come with the original DAC chips, and the adjustment is subtle for the sound. The following is the hearing description of some filters, for reference only:

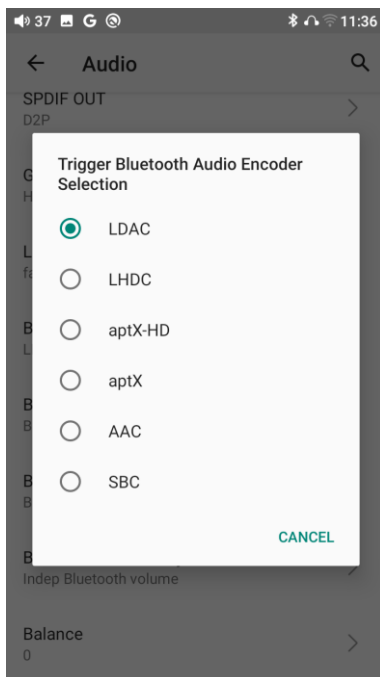
fast roll off: the sound is full and mellow, the vocals are in the behind, rich and full, with strong reverberation, suitable for pop music;

slow roll off: the sound is clean, the vocals are in the front, clear and original, suitable for classical music;



## Bluetooth Audio Encoder

The default codec for Bluetooth transmission is the highest supported codec, and you can select the supported encoding through this setting.



## Bluetooth Audio LDAC Encoder: Playback Quality

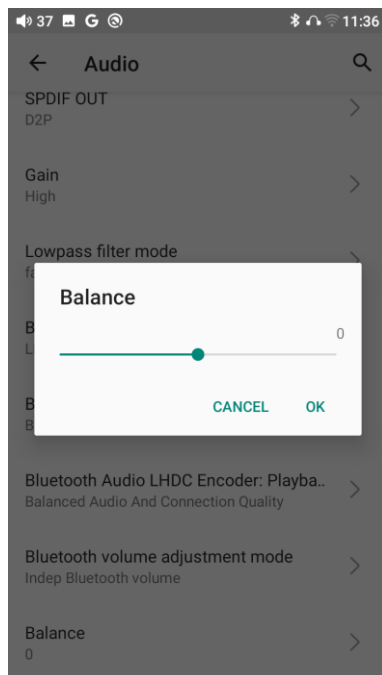
When meeting playback problems during LDAC Bluetooth transmission, you can adjust this option to balance audio and connection quality.

## Bluetooth Audio LHDC Encoder: Playback Quality

When meeting playback problems during LDAC Bluetooth transmission, you can adjust this option to balance audio and connection quality.

## Balance

When you encounter channel deviation, you can adjust the balance of the left and right channels here. Up to 10 levels of adjustment is supported.



## ALL TO DSD

After turning on the All to DSD, the global PCM audio will be converted to DSD for output, and the sound quality will be further improved.

[Principle] The most important thing of All To DSD is to convert the digital signal in PCM format to DSD format, so that the DSD format can be used when performing D/A conversion to obtain different styles of sound, more clear and natural sound. In addition, since the lowest DSD format is DSD64, which is 4 times the data of 44.1K/16BIT only calculated from the amount of data, so ALL TO DSD is also equivalent to up-sampling the PCM signal. The effect of All To DSD also supports third-party APP.

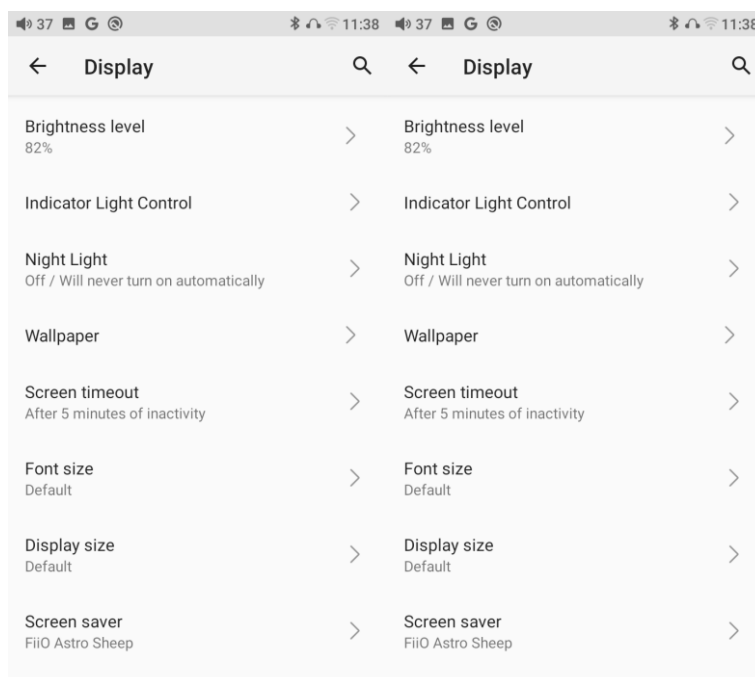
## Second harmonic regulation

It simulates the special distortion of tube amplifiers. The second harmonic that doesn't exist in the original signal is artificially increased.

Compared to level 0, level 1 adds more second harmonics. If comparing the numbers, the harmonic distortion is about 0.X% for level 2, about 0.0X% for level 1, and about 0.00X% when off.

Note: This function is only effective when the volume is high, for example: in high (or higher) gain mode, the effect will be more obvious when the volume is above 70.

## 4.Display



The display settings consist of Sample rate display, Dark theme, Brightness level, Indicator light control, Night light, Wallpaper, Screen timeout, Font size, Display size, Screen saver. The following are detailed descriptions of some common items.

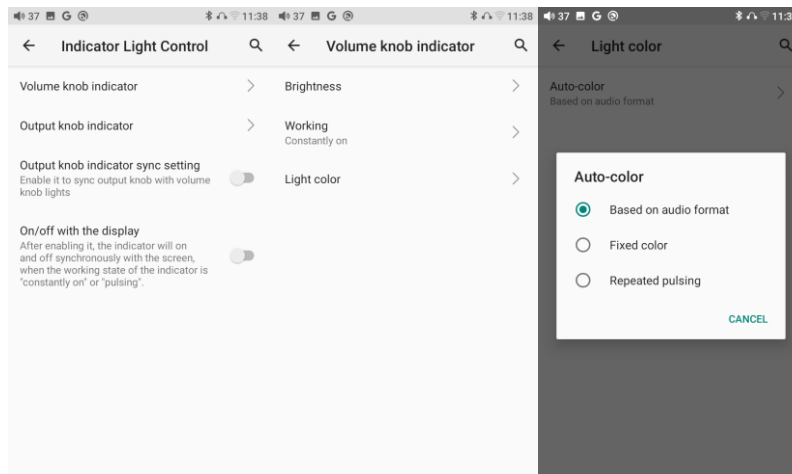
### Sample rate display

With it turned on, the sample rate of the currently playing song will be displayed.

### Indicator light control

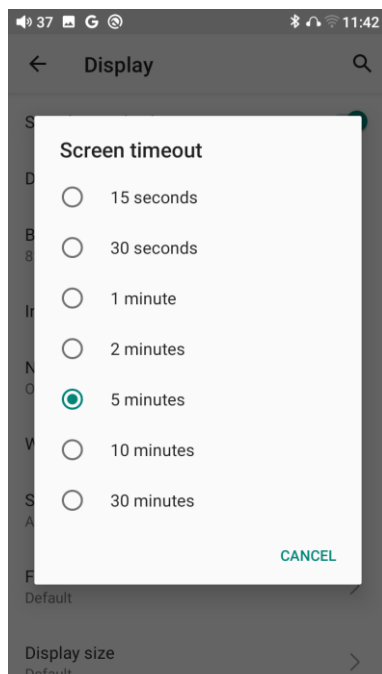


The brightness level and light color of the volume knob indicator and Output Knob indicator light under working and charging status can be set in this menu.



## Screen timeout

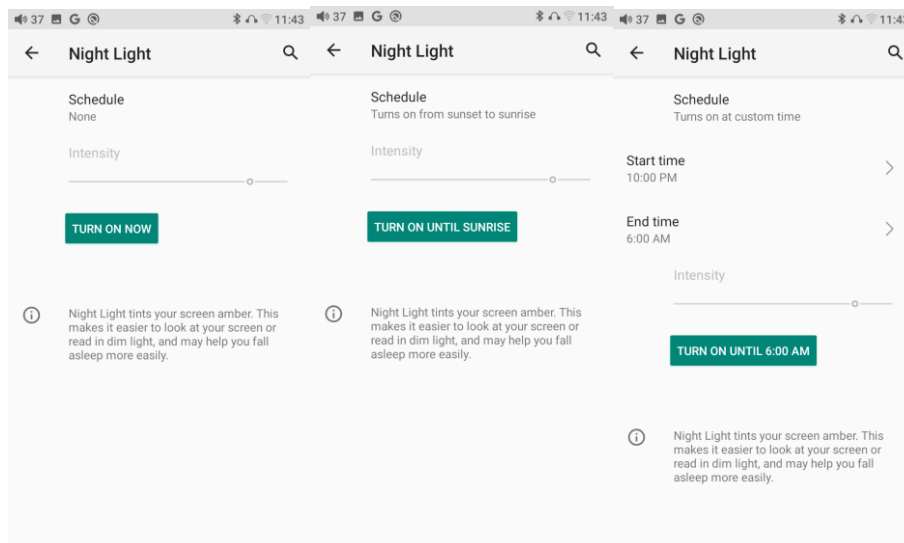
This option is to set the time when the device will enter sleeping mode after inactivity. The device will enter low power consumption mode after 10 minutes of sleeping. Short press the Power/Lockscreen button to wake it up.



## Night light

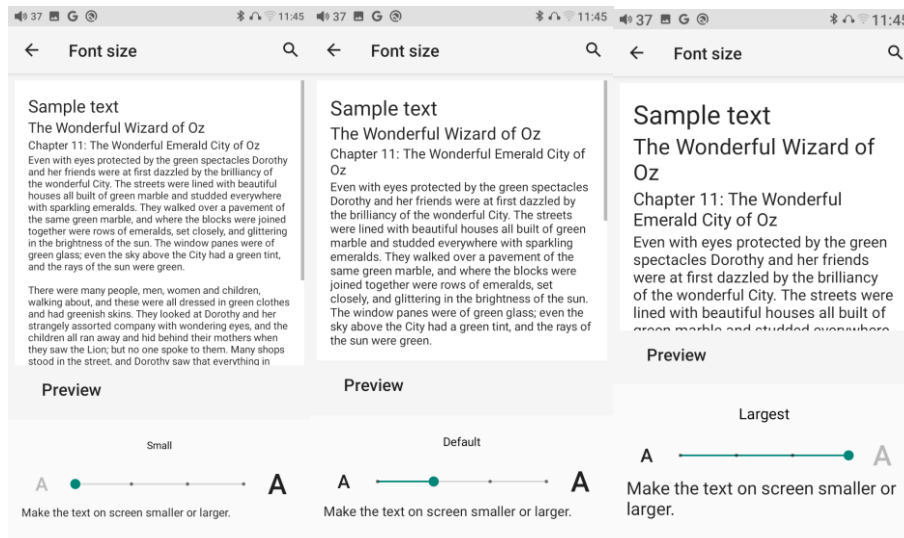
The color of the display screen will be adjusted in amber under Night light mode. You could enable the Night light mode at a custom time , or from sunset

to sunrise.



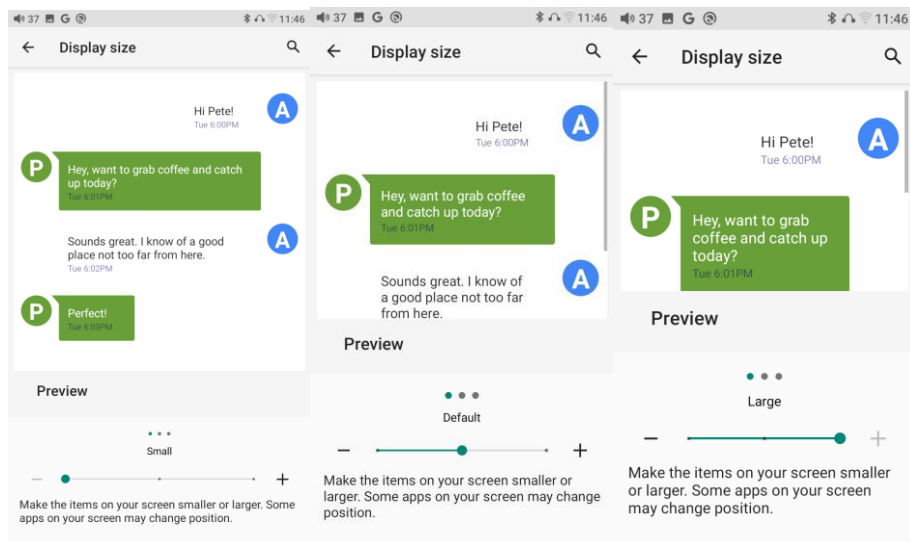
## Font size

There are four standards available, which respectively are small, default, large and largest.



## Display size

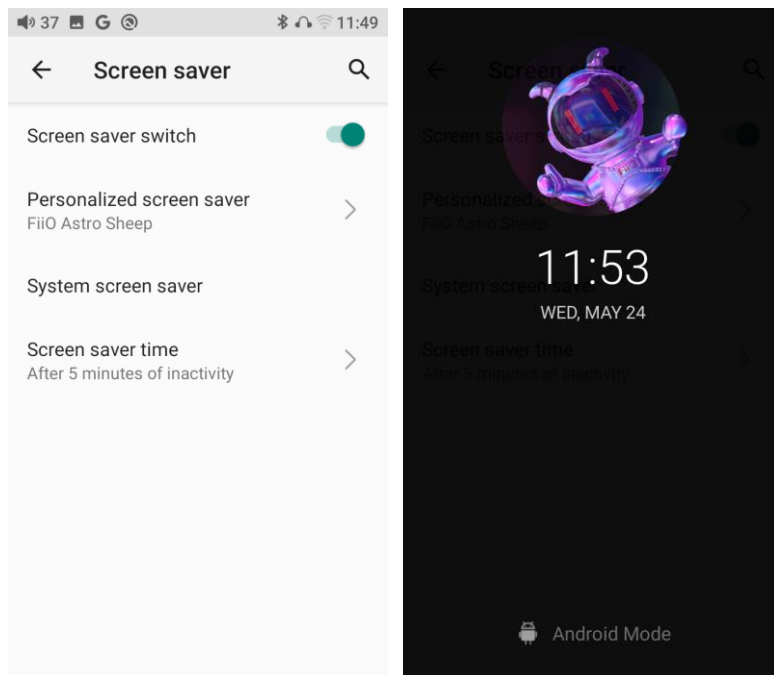
The display size corresponds to the size of the icons and texts displayed on the screen.



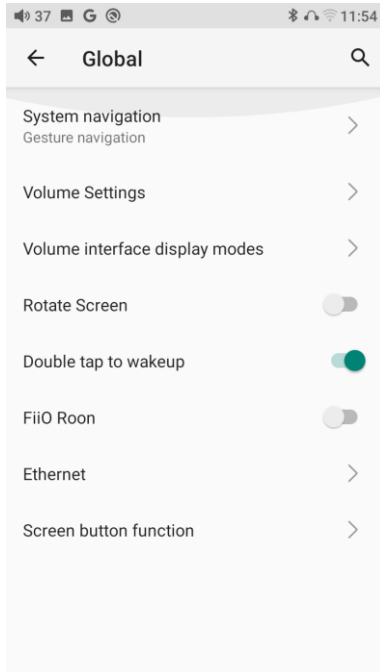
## Screen saver

Select the Personalized screen saver or system screen saver.

Screen saver time: The R7 will enter the screen saver page when not operating the R7 within the setting time.

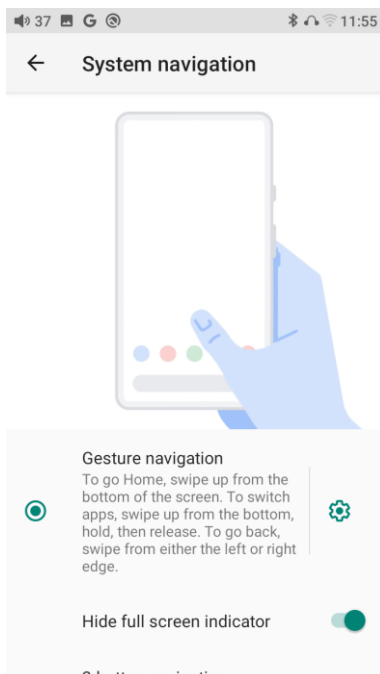


## 5.Global

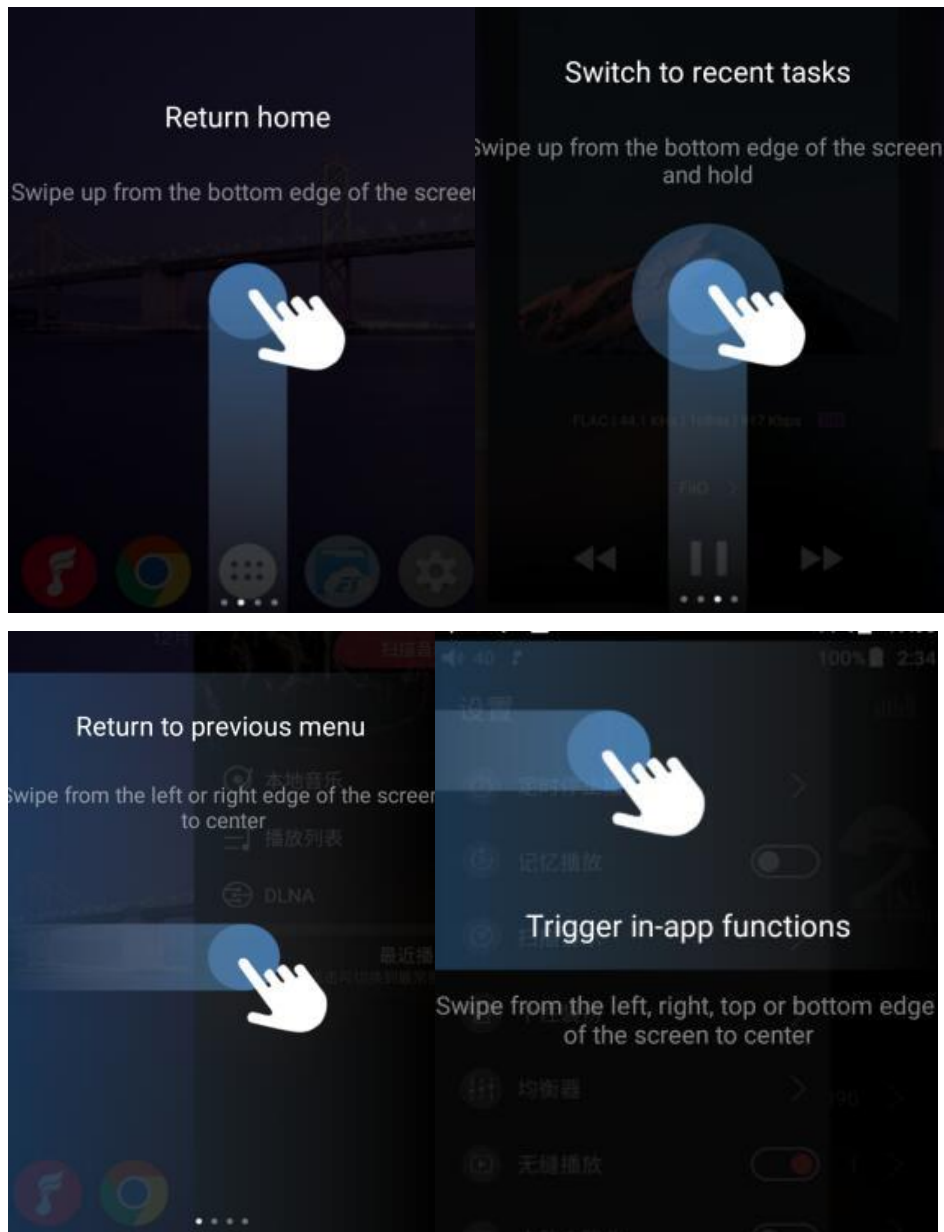


## System navigation

There are 3 navigation ways for your preference and needs, including Gesture navigation, 2-button navigation and 3-button navigation.



## Gesture controls introduction



### Volume setting

a. System Maximum volume setting: all other volumes will be lower than this volume after setting it.

b. Power-up default setting: set the volume of the system when the device is turned on.

### Rotate screen

The display page will rotate 180° if it is enabled.

### Double tap to wakeup

If it is enabled, double tap the screen can wake up the R7 when it is under off or in sleeping states.

### **FiiO Roon**

The R7 is Roon Ready certified, allowing you to access music from a ROON CORE source such as a NAS or a computer.

How to use FiiO Roon(Roon Ready) in R7?

1. You need to have a PC running Roons core software before anything else. You can't just run it on the R7 since it is only an endpoint or controller. Official website of Roon: <https://roonlabs.com/>

2. Download Roon on your computer and log in your Roon account. On the computer:

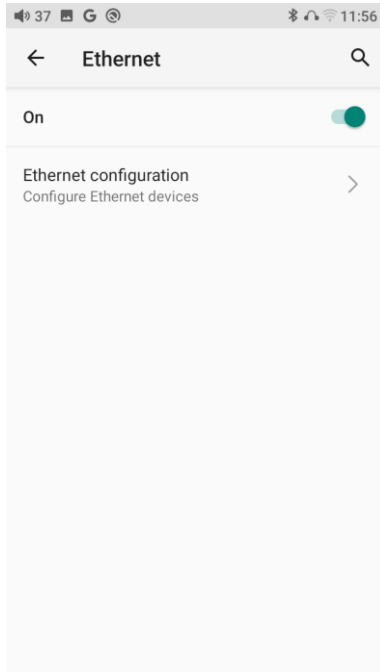
Roon-Setting-Storage: Add local music or log in your Tidal account as the media library

Roon-Setting-Audio: Enable the R7.

3. The computer and R7 should connect to the same Ethernet. Start the FiiO Roon in R7 and start up the Roon Ready feature on the R7 to enable full bit perfect audio.

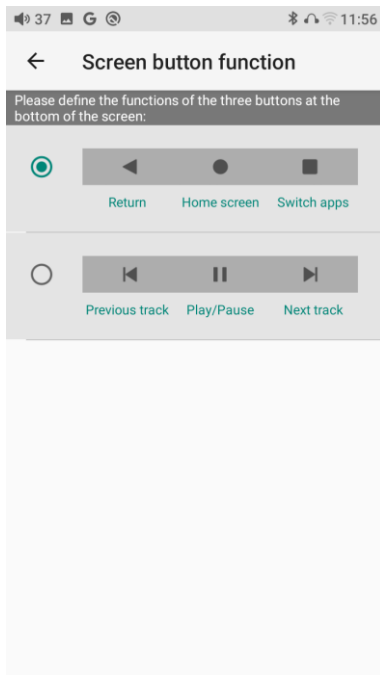
### **Ethernet**

When it is enabled, the R7 can connect to the Internet directly through a network cable instead of connecting to Wifi, which brings less interference. It is on by default. When wired network and WiFi are connected at the same time, the wired network will be selected first.

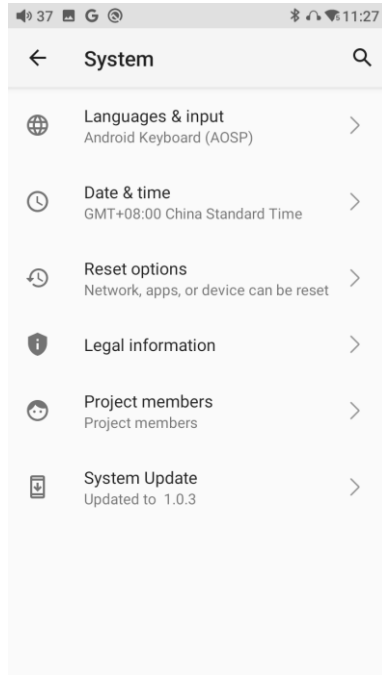


## Screen button function

You could define the functions of the three buttons at the bottom of the screen.



## System



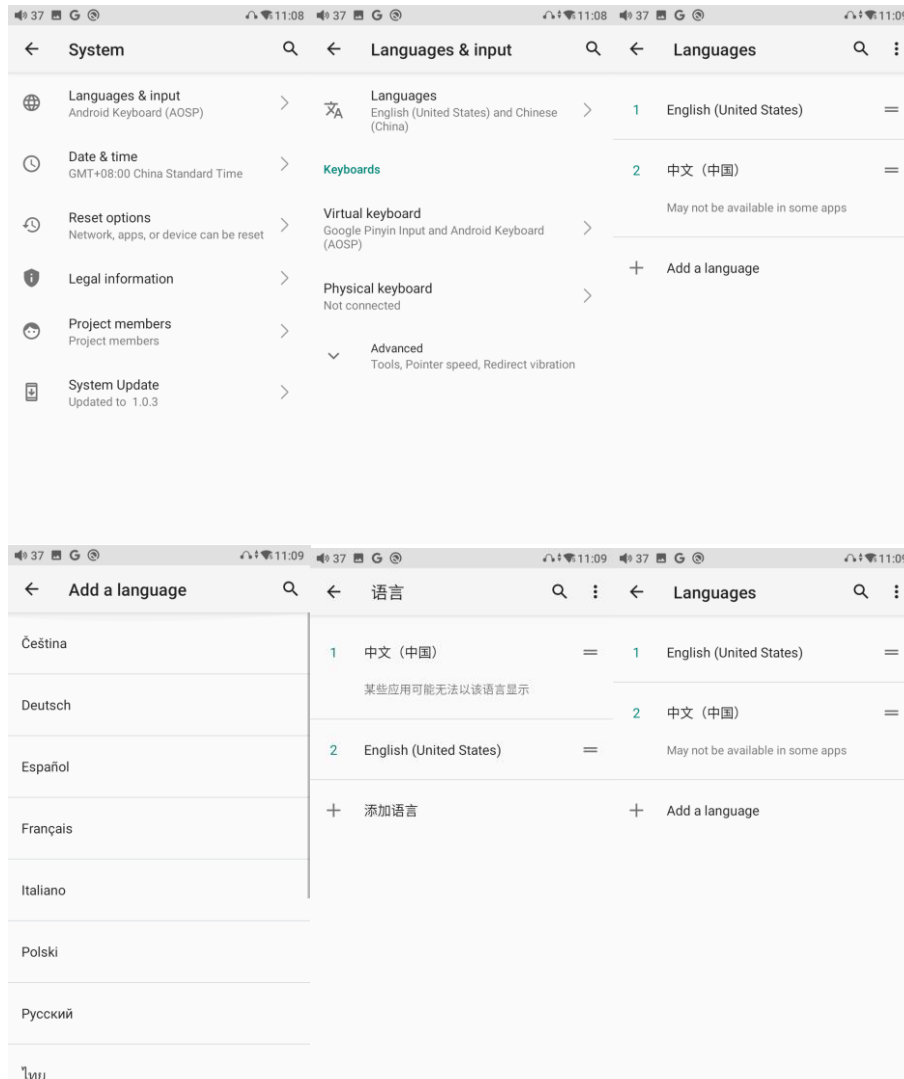
## Languages & input

The first time the device starts up, you can choose an appropriate language from the prompt.

If you want to choose other languages, you can go to the Settings menu. Here are the instructions.

- 1) Go to the menu of Settings-> System-> Languages & input-> Languages;
- 2) In the Languages page, tap Add a language;
- 3) Select a language;
- 4) After selecting the language, hold the "=" icon on the right side of the target language and drag it to the top, so to successfully select the language.



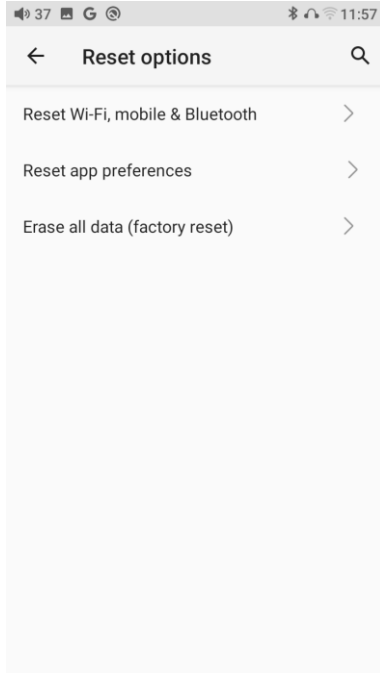


## Reset options

"Reset WiFi, mobile & Bluetooth" will reset all network settings, including WiFi and Bluetooth.

"Reset app preferences" will reset all preferences including the items shown in the following picture.

"Erase all data", i.e. factory reset, will erase all data from your device's internal storage, and all settings will be reset to default. Please back up your important data before resetting.

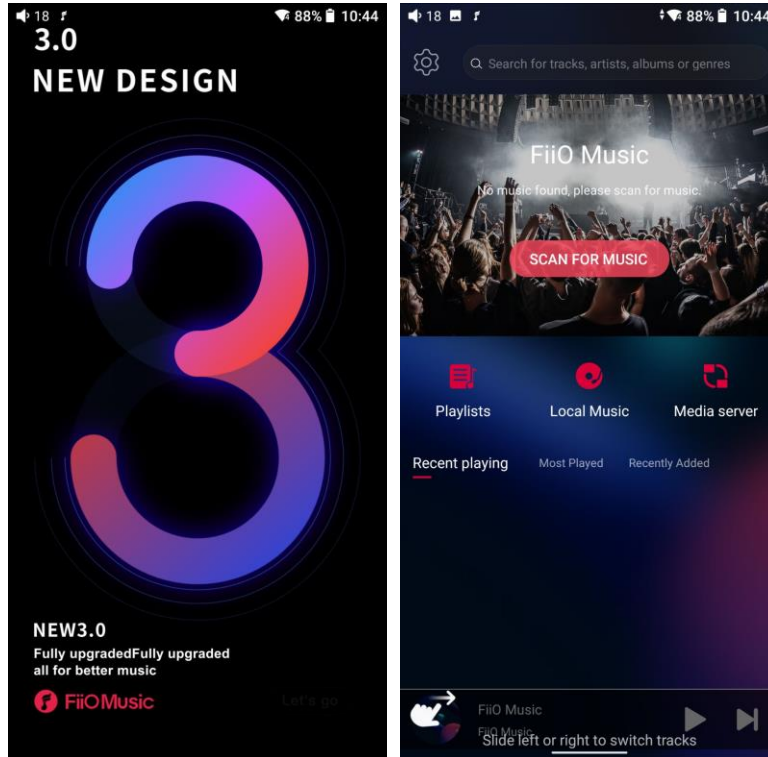


## **FiiO Music APP**

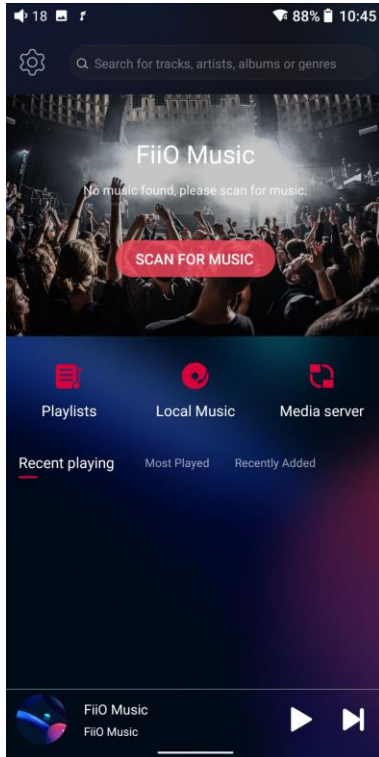
The R7 has built in the FiiO Music app, a professional audio playing application specially developing for Android-based system and flagship-grade music players.

### **1.Homepage**

FiiO Music APP will enter the homepage once it starts up as shown below.

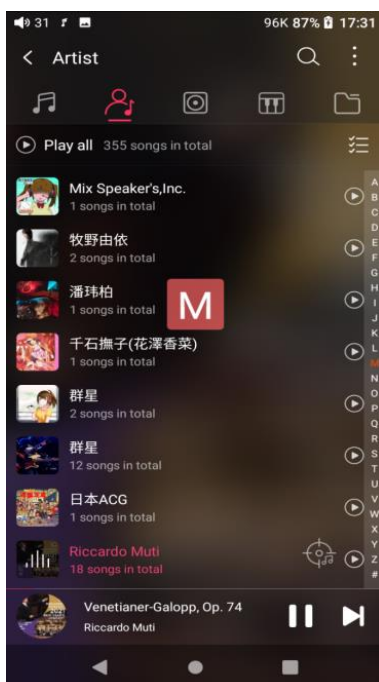


- 1) Settings icon: tap the icon to enter the settings page.
- 2) Playing menu: press the icon to enter the playing page.
- 3) Recently playing: the list of recently played songs will be presented chronologically.
- 4) Frequently played: the list of recently played songs will be presented based on playing frequencies.
- 5) Recently added: a list of recently added songs will be presented chronologically.



## 2. Quickly locate all songs

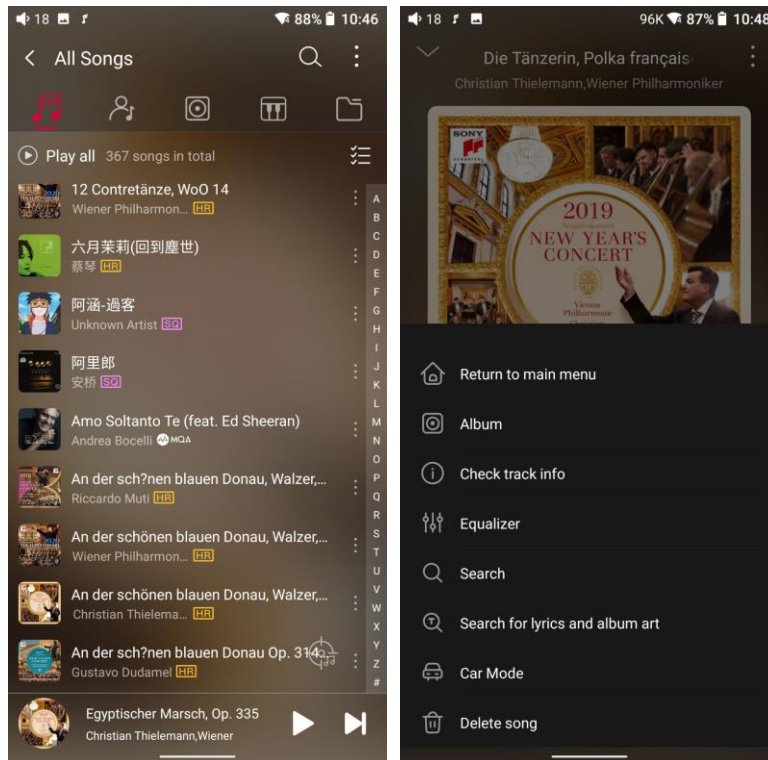
Slide the screen with your finger on the letter bar at the right side. A quick search icon will show up in the middle of the screen. Sliding to corresponding initials and relieving your finger, it will directly jump to the songs starting with the initial you have chosen.



### 3.All songs menu

Tap the icon at the right corner of each track to wake up the hidden menu.

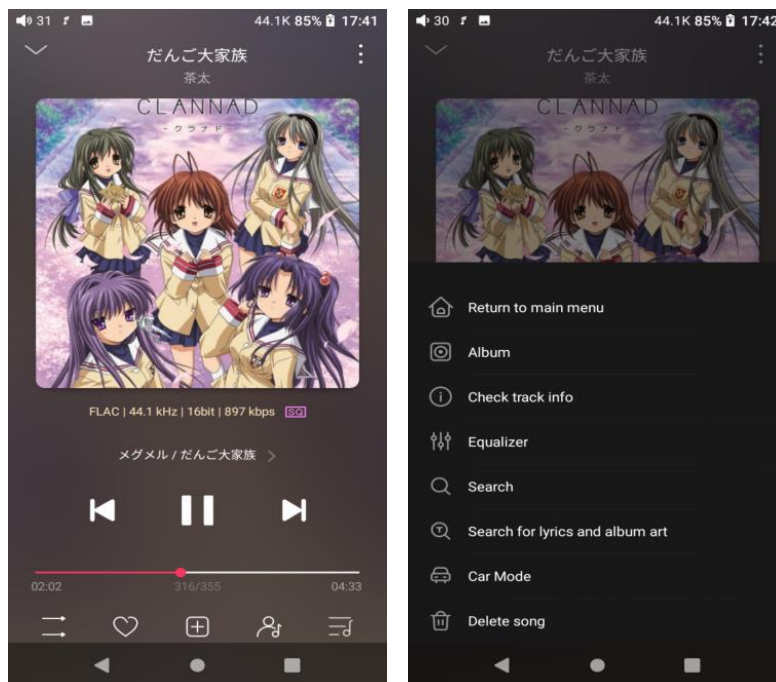
Then tap the icon in the menu to perform corresponding operations.



Tapping the hidden menu on the upper right corner of the screen, you can decide the way of songs sorted as Sort by date added, Sort by filename and Sort by the first letter.

Bulk management: Play music, WiFi music transfer, Add to my favorites, Add to playlists, Delete selected, and Exit bulk management.

## 4. Now playing page

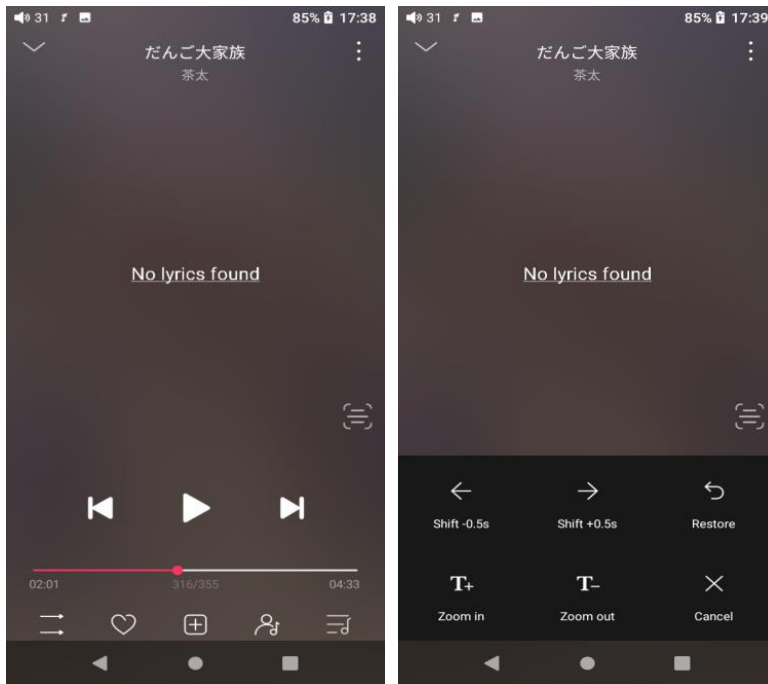


Switch page: by tapping the middle of the album cover, it will switch pages between album cover and lyrics circularly. Swipe left and right to switch songs.

Adjust volume: slide up/down on the volume touch panel or press the physical button to increase/decrease the volume.

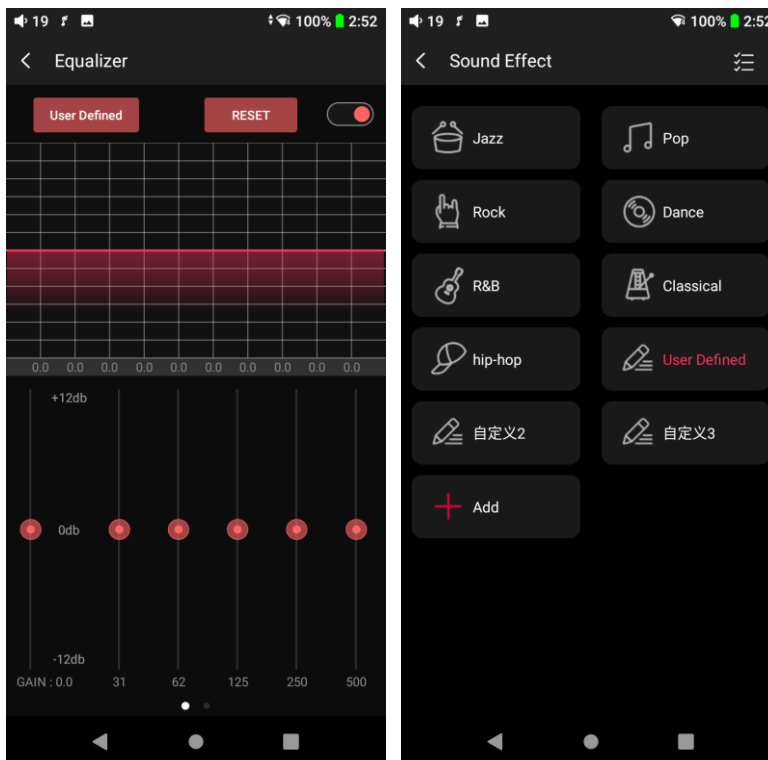
Playing progress: slide left and right on the progress bar below the album cover to quickly adjust the progress of the now playing song and jump to the corresponding part of the track now playing;

Notes: on the lyrics display page, you can adjust the song progress, lyrics timeline and font size.



## 5. Equalizer

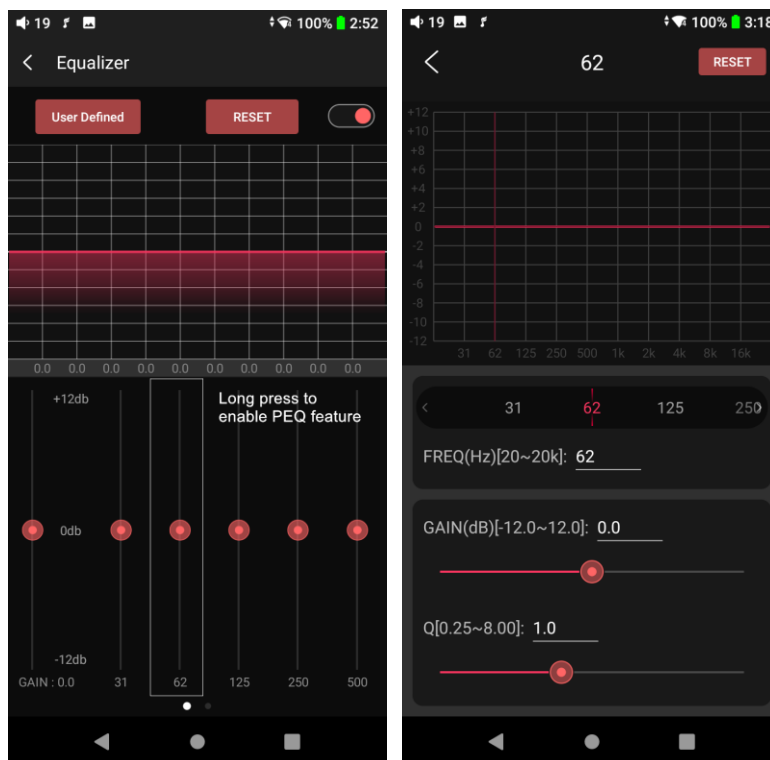
FiiO Music has a built-in equalizer, on which you can straightly choose the preset EQ for listening, or adjust it through the 10 frequency bands within 20Hz~20kHz from -12 to +12 dB, fully meeting personal music tastes.



**Preset EQ:** After turning on EQ switch, click the top left button and choose preset equalizer.

**User Defined EQ:** drag the corresponding frequency band up and down to slightly adjust the EQ curve (on the bands page, switch left and right to change the option). Successively adjusting the EQ in need, it will immediately take effect.

Note: PEQ switch could be enabled from Lab Features option. When the switch is on, the EQ panel will be replaced with a parametric EQ panel so that you can adjust the frequency bands manually.



**Reset EQ:** Tap the Reset button at the upper right corner to reset the present EQ.

Notes: if the system is reset to factory mode, all EQ settings will be reset to default.



## 6.UV meter

There is a newly added UV meter (audio meter) with a dB threshold and dynamic pointer displayed. Closing to the red threshold of 0dB means audio distortion.

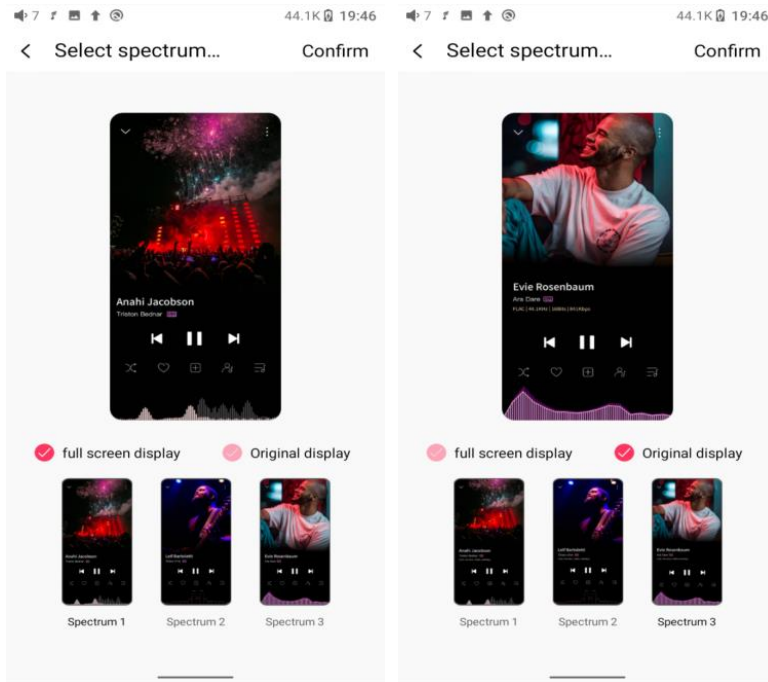
How to enable it: tap the song cover on the now playing page to enter the UV meter displaying page.



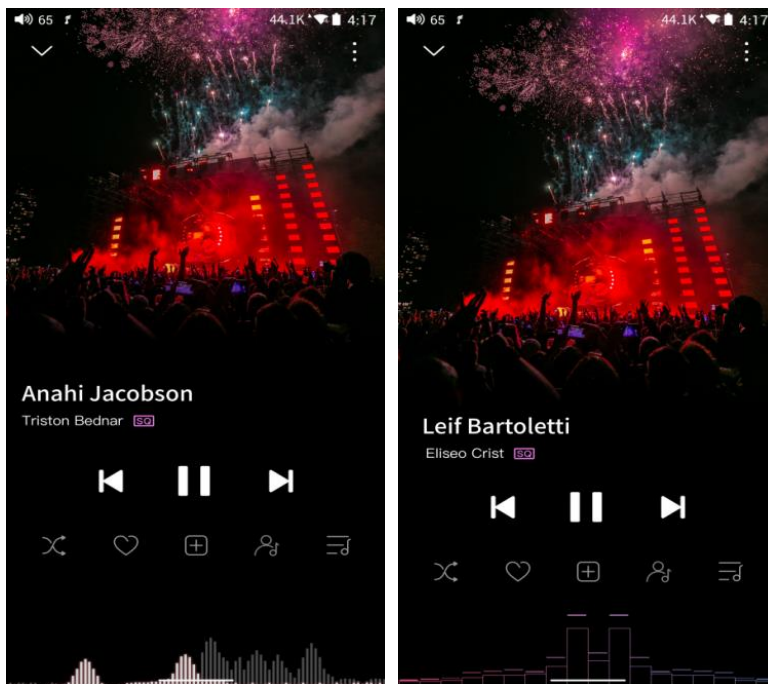
## 7.Frequency spectrum playing page

There is a newly added frequency spectrum mode in the now playing page, which has 3 built-in spectrum effects available. Besides, users can self-define Full screen display or Original display for the spectrum mode.

How to enable it: go to the Settings menu in FiiO Music app->Theme->Now playing page. Choose Spectrum display.



Square cover and large cover:



FiiO Music app keeps upgrading and maintaining. For the newest instruction, please visit our official forum:

<https://forum.fii.com/note/showNoteContent.do?id=202105071626425774349&tid=17>

Instructions for commonly-used functions

### **1.Screenshot**

The R7 supports screenshot: swipe down the screen with 3 fingers.

The screenshot is stored in FiiO R7\Files\Internal storage\Pictures\Screenshots.

### **2.USB Audio digital output**



The R7 supports connecting to external decoders (USB Audio). Follow the steps to enable it.

- 1) In FiiO Music app, turn on the USB output
- 2) Use an OTG adapter cable to connect the R7 to the external decoder.
- 3) Starting up the FiiO Music app or any music app, the R7 can work as a USB digital device.

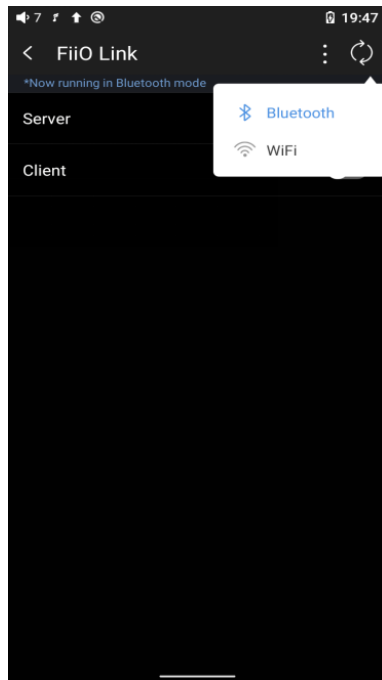
It supports most decoders on the market. For those unsupported, please turn off the USB output in FiiO Music app, or unplug and re-plug the USB device after exiting FiiO Music app to try playing again.

### **3.FiiO Link Bluetooth control**

There are mainly 3 steps.

- 1) On the FiiO Music app of the R7, Settings->FiiO Link->  (on the upper right corner of the display), choose Bluetooth as the Server.
- 2) Connect the R7 to the mobile phone through Bluetooth.
- 3) On the FiiO Music app of the mobile phone, Settings->FiiO Link->  (on the upper right corner of the display), choose Bluetooth as the Client.

Notes: iPhones only support FiiO Link WiFi control but not Bluetooth.

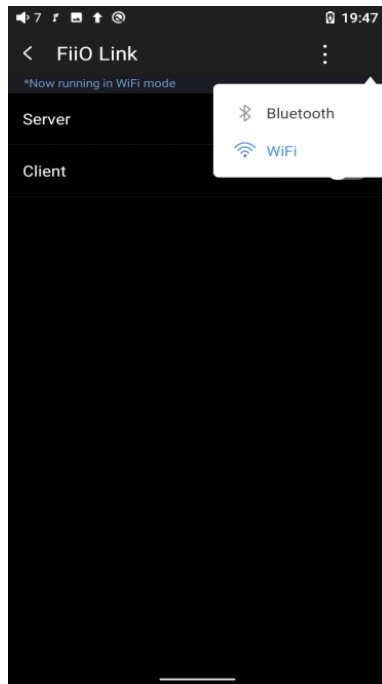


#### 4.FiiO Link Wifi control

There are mainly 3 steps.

1. Make sure the R7 and your mobile phone are connected to the same WiFi network.
2. On the FiiO Music app of the R7, Settings->FiiO Link-> ⋮ (on the upper right corner of the display), choosing WiFi as the Server. Now an IP address will show up.
3. On the FiiO Music app of the mobile phone, Settings->FiiO Link-> ⋮ (on the upper right corner of the display), choosing WiFi as the Client. Input the IP address in the pop-up dialog and complete the connection.

Notes: iPhones only support FiiO Link WiFi control but not Bluetooth.



## 5.How to use the DLNA function?

The DLNA function means the R7 can read and receive music files stored on the device (name it Device A) which supports DLNA function through WiFi.

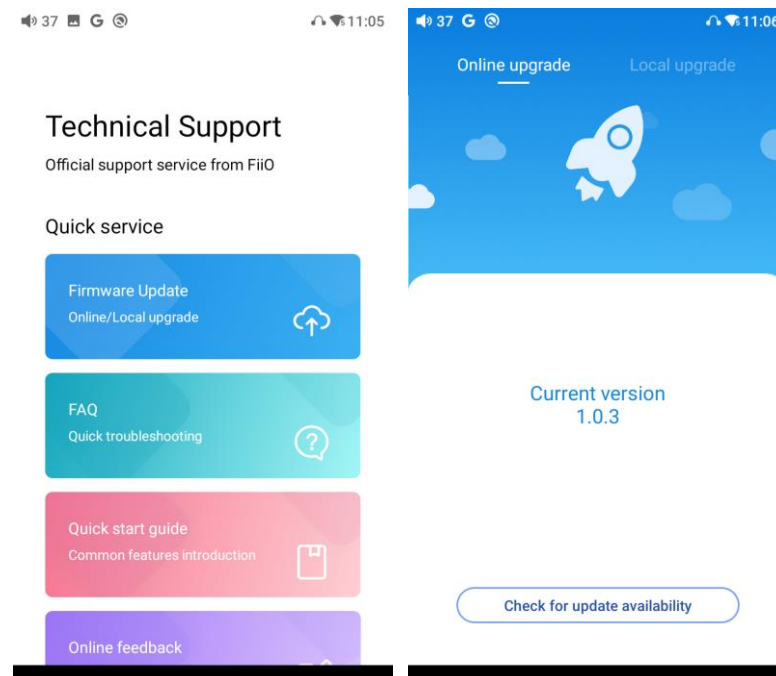
1. Make sure the R7 and Device A are connected to the same WiFi network.
- 2.On the FiiO Music app of the R7, tap media server on the home page and search for Device A to play music of it.

Notes: If there are any devices that cannot use the DLNA function, please give us feedback for further analysis. FiiO Music app does not support music transmission at present but only music reception. We will consider adding the transmission function later.

## Firmware upgrade, factory data reset and technical support

### 1.How to upgrade firmware?

The R7 supports online upgrade and local upgrade.



#### Online upgrade

If a new firmware is available and can be detected (with the R7 connected to an available internet), an upgrade notification will show up in the notification center. Tap on it to enter the update menu for the online upgrade. If there's no upgrade notification showing up, you can go to the "Technical Support->Firmware Upgrade" menu, and tap the "Check for update availability" icon to check manually.

#### Local upgrade

Also, the R7 can be upgraded locally by a firmware package. Download the firmware package file from FiiO website, and copy it to the internal storage of the R7 or an SD card. Go to the "Technical Support->Firmware Upgrade->Local Upgrade" menu, and find the firmware package file to start the upgrade.

Notes:

1. Do not unzip the firmware package file.
2. Before the upgrade, ensure the power of the device is adequate (>30%) so to avoid upgrade failure.
3. If the device goes to factory mode which cannot detect the firmware, the reason may be that the firmware file is damaged. At this time, press the power button to reboot the device. Re-download the firmware file and restart the upgrade.

## **2. Force to reboot**

If something wrong that happened to the device (stuck in the Welcome page, no response, etc.), you can hold the Power and the Play button together for 10 seconds to force it to reboot.

## **3. Factory data reset**

If there are some problems happened to the device, perform the factory data reset would help (In the menu of Settings->System->Reset options).

Notes: The "Factory data reset" will erase all data from the internal storage and reset the device to defaults. Please backup corresponding files in advance.

## **4. Technical support**

- 1) On the homepage, tap Technical Support to enter the menu. Here are several commonly-used functions and our contacts.
- 2) Firmware update: online and local upgrade are available.  
FAQ (frequently asked questions): parts of frequently asked questions and corresponding measures are listed.
- 3) Quick start guide: tap to check out the internal quick start guide of the R7.
- 4) Contact us: here shows our email address, Facebook, Twitter, etc.