Edis

Handheld Audio Recorder
with X/Y Stereo Microphone

Quick instructions:

● Stereo microphone with X-Y microphones to enable recording of very directional sounds.
● Advanced recording function
● XY microphone produce exceptionally good stereo recordings
● Input gain levels, to monitor the volume are adjustable
● Convenient operation features
● High capacity SD card can be used to record and save longer audio files (up to 128 Gb)
● LCD screen is easy to operate
● 3.5 mm output enables you to monitor the audio recording using eadset or output the audio signal to a camera or other audio device.

Please read this manual carefully and have a comprehensive understanding of the functions. After reading this manual, please put the manual in a safe and convenient place for referral.

Contents

The package contains the following items.

Product accessories	1
Lapel microphone	1
Type-C Data Cable (A to C)	1
lanyard	1
Leather bag	1
Micro SD (8GB)	1
Windproof sweater	1
Windproof sponge	1

Components

Left panel

Front panel

Right panel

Back plate

1. Stereo Microphone (XY microphone)

2. Display screen

3.MENU key (Menu key)

4. Click for LOW CUT button

    -- Cycle switch: 80Hz/120Hz/160Hz/off

5.LIMITER key

    -- on/off limiter function

6. Key Auto Level

    -- Enable/disable auto gain

7. Menu operation keys

    -- Stop key, up key, down key, play/pause key

8.PEAK/REC indicator

Product status	Indicator status
Recording status	red light is on
Pause/stop the recording	red light off
Sound detection	red light off

9. REC key

    On the main menu page, press the REC key to start recording

    On the recording page, press the REC key again to stop saving the recording

    On the software menu page, press the REC key to return to the main interface

10. Horn

11.MIC IN/LINE IN port

12.LINE OUT port

13.SD card

14.DC 5V USB port

15.1/4 threaded port

16. Battery storage

    -- Can be loaded into two AA batteries

17. Gain control knob

    -- Volume control range: 00~50

18. Volume adjustment +/- key

    -- Press + - to adjust the volume. Adjust the volume range from 00 to 30

19.HOLD lock toggle key

20. Power button

    -- Hold down 3 seconds to turn on/off the recorder

Microphone review

XY microphone

This is a directional microphone with two angled microphones to improve stereo function

Product features:

The unique X-Y microphone record high and low-frequency sounds better converting into a stereo channel when the microphone is pointed directly at the source. The idea behind this microphone is to perfectly preserve the natural depth and width of sound quality over short and medium distances with high directivity.

Screen review

Main interface

1. Remaining recording time

2.L/R sound wave bar

3. The next file name. WAV

4. Remaining power /USB power supply label

Recording interface
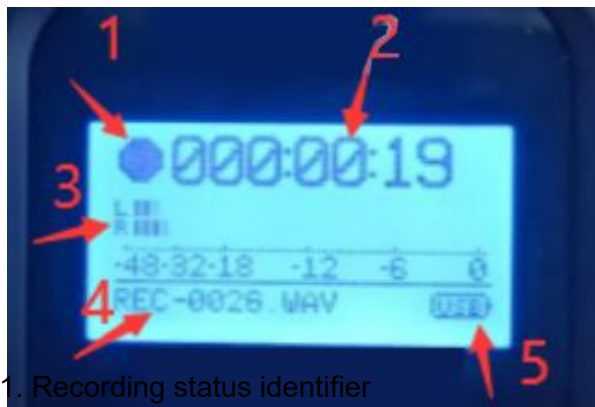
1. Recording status identifier

2. Recording duration

3. L/R sound wave bar

4. The current recording file name.wav

5. Remaining power identifier

Playback interface

1. Play status identifier
2. File playback duration
3. The file playback progress bar
4. Total number of files that are currently recorded
5. Total file playback duration
6.L/R sound wave bar
7. File name of the current playback file. WAV
8. Remaining power identifier

Power supply

Using batteries
1. Remove the battery cover

2. Load batteries in the direction indicated

3. Replace the battery cover

●Use 2 AA alkaline battery or nickel metal hydride batteries
●If the battery indicator light is off, replace the new battery.
●Select the type of battery on the menu

Use USB type-C power supply

1. Connect a type-C cable to the type-C port of the BY-R1
2. Plug the power adapter into the power socket

Reading SD card

1. Power off the SD card and open the slot cover
2. Insert the SD card into the card slot in the correct direction
Take out the SD card:
Press the SD card in the slot and pull it out.

Hint:
● Before inserting or removing an SD card, ensure that the power supply is off. If you remove the SD card when the SD card is on, data loss may occur
● When using an SD card, ensure that the SD card is correctly installed
● When the SD card is not read, the recording function cannot be operated. For details, see Format SD Card

Turn on and off the power

Turn on the power
● Press the power button for 3 seconds to power on

Hint:

●When you first open the product, please set the language and time first
●If the screen says' NO SD CARD ', make sure the SD card is properly installed
●If the screen says' Invalid card ', which means that the card is not formatted to fit BY-R1, format the card or use a different card, see 'Formatting SD Card'

Turn power off

●To shutdown press power button for 3 Seconds

Use the HOLD function

The BY-R1 has a HOLD key feature that allows you to pause all of your keys during recording
(If the recorder is recording, enabling this function will not affect normal recording)

Enable the HOLD function

Turn the ⬚ switch to the ON position, and the following prompt will be displayed on the screen (picture KEY LOCK effect picture).

Disable the HOLD function

Turn the ⬚ switch to the OFF position to disable the HOLD function.

Setting language

The display language can be set to either Chinese or English
1. Press the MENU key to switch to the menu page

2. Use the previous button and the next button to select the item '6 SYSTEM SET' and click the
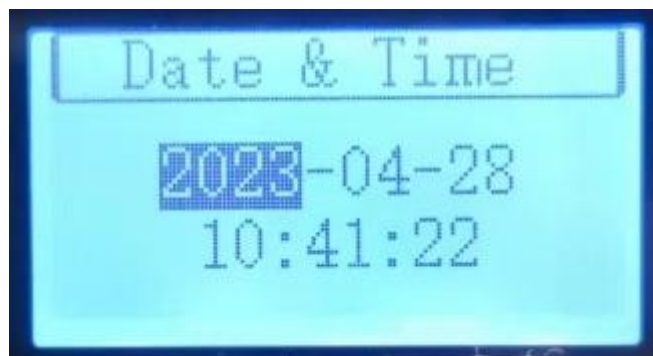
button [▶II] to enter the setting menu

3. Use the previous button and the next button to select the 'Language Set' item and click the button [▶II] to enter the 'Language Set' menu

4. Use the previous button and the next button to select the language and click the button ▶‖ to make the selected language Settings take effect
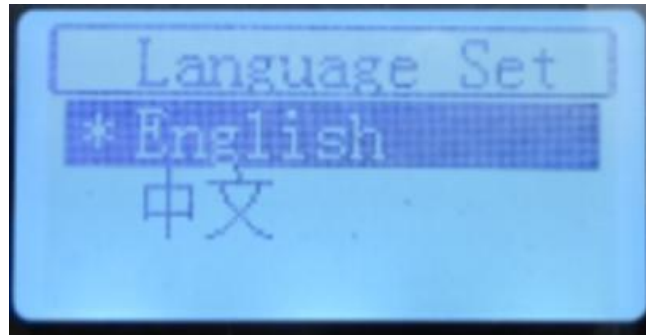

Set the date and time

1. Press the MENU key to switch to the menu page
2. Use the previous button and the next button to select the item '6 SYSTEM SET' and click the ▶‖ button to enter the setting menu
3. Use the previous button and the next button to select the item 'Date & Time' and click the ▶‖ button to enter the 'Date & Time' menu
4. Set the date and time by the previous key and the next key. Press the key to make the selected date/time take effect ▶‖

Hint:
At the first boot after purchase, you must first set the language and time

Set the battery size for use

1. Press the MENU key to switch to the menu page
2. Use the previous button and the next button to select the item '6 SYSTEM SET' and click the ▶‖ button to enter the setting menu
3. Use the previous button and the next button to select 'Battery Type' and tap the button to ▶‖ enter the 'Battery Type' menu
4. Set the battery type by pressing the up and down keys. Press the button to ▶‖ make the selected battery type take effect
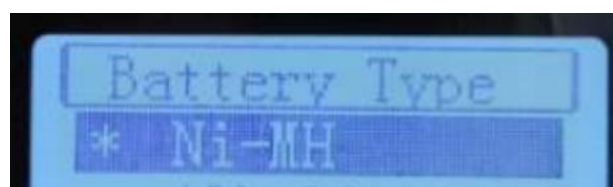
Recording process

The recording process involves the following steps
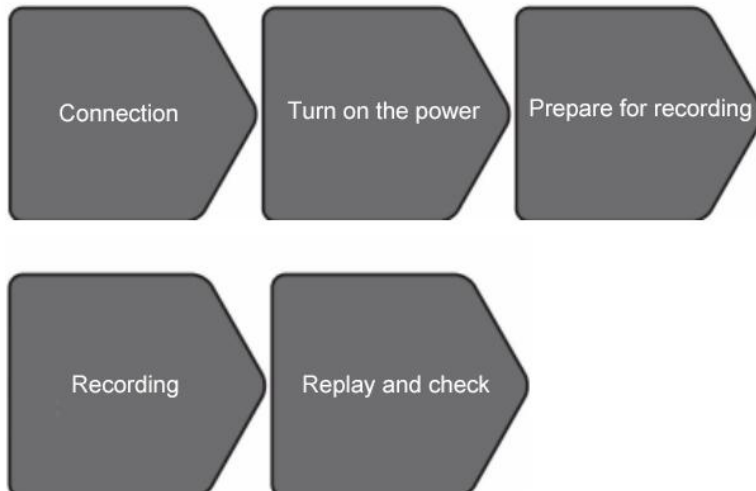
Connection: Use XY stereo microphone or MIC IN/Line port to connect external 3.5mm microphone, connect external input sound source

Preparing for recording: (1) Adjust the input volume

    -- Adjust the microphone input gain by using the gain knob

    -- Use the VOLUME + - key to adjust the output volume of the monitor /out port

Audio recording:

(1) Start recording press REC key, REC indicator light red

(2) Stop recording: Press the REC button again or press the Stop Save button, and the REC indicator light turns off

(3) Pause recording: Press the play/Pause button in the recording mode, the recording will be paused, and the REC indicator will blink slowly

Play back and check:

(1) Start playing file: ▶II key

(2) Pause play: ▶II key

(3) ←→ Adjust the next file

(4) The playback mode can be set according to the needs

Set play mode

1. Press the MENU key to switch to the menu page

2. Use the up and down keys to select '5 PLAY MODE' and click the key to enter the Setting menu

3. Use the up and down buttons to select 'PLAY MODE' and click the button to enter the 'PLAY MODE' menu

4. Set the playback mode through the previous song and the next key. Press the key to make the selected playback mode take effect (Play 1 File single play
Repeat 1 File Single loop
Play Folder Plays the current folder
Repeat Folder loops through the current folder)

Basic playback

1. Press the MENU key to switch to the menu page
2. Use the previous key and the next key, select '1 FILE' item, click the key ▶❚❚ , enter the setting menu, use the previous key and the next key again, select 'RECORD' item, click the key ▶❚❚ , enter the folder menu
3. Use the previous or next key to switch to the file you want to play
4. After the file is selected, click the button to start playback
During playback, select the button:
▶▶❙ Press the button to switch to the next file
❙◀◀ Press the button to switch to the previous file
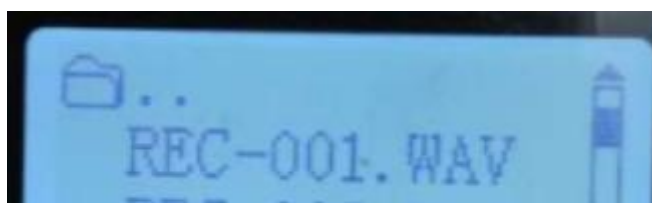▶❚❚ Button: Pause/Play status switch
MENU button: Returns to the menu list page
Stop Save key: Return to the file list page

Delete file

1. Go to the folder menu and press the previous or next key to select the file that you want to delete

2.Press and hold the play/Pause button. The Delete File dialog box will be displayed

3. Press the key , select Yes, and press to delete the file

Use computers for data exchange

By connecting to a computer, you can check and copy the contents of the SD card
1. Turn the recorder on
2. Connect the computer through a USB cable
3. Use the up and down keys to select USB Memory, and press the play/Pause button to select
4. When you want to disconnect the USB connection, follow these steps
Windows: Safely Remove Hardware
Mac: Pull the icon to the recycle bin
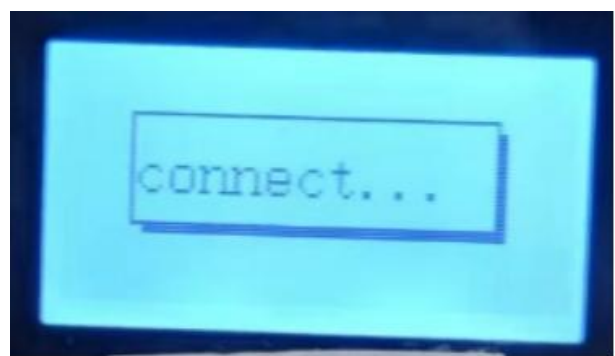
Use as a sound card

You can connect to your computer and output the BY-R1 sound to your computer
1. Turn the recorder on
2. Connect the computer through a USB cable
3. Use the up and down keys to select USB Sound Card and press the Play/Pause button

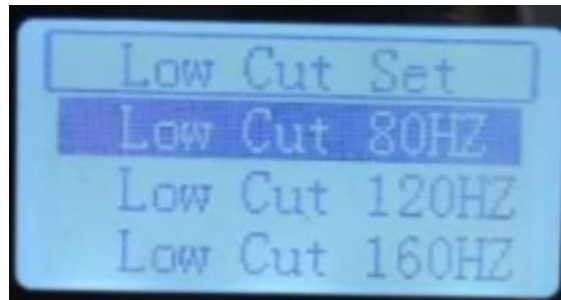# Recording setup

● **Low cut setting**

Set the low cut function according to recording requirements and recording environment

Method 1:

On the main menu/recording screen, press LOW CUT to switch to the low cut function: OFF/80Hz/120Hz/160Hz

Method 2:

1. Press the MENU key to switch to the menu page
2. Use the previous button and the next button to select "2 INPUT" and click the button to enter the setting menu
3. Select 'Low Cut Set' and click the button to enter the 'Low Cut Set' menu
4. Use the previous key and the next key, select OFF/80Hz/120Hz/160Hz, and click the to make the selected Settings take effect
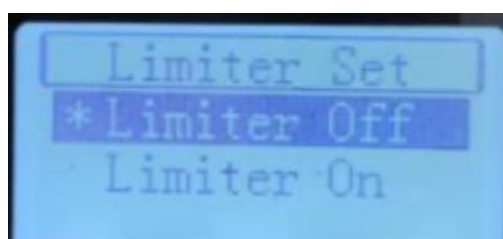

Limiter setup

The limiter function is set according to the recording requirements and recording environment. When the signal exceeds a specific value, the limiting function automatically cuts out the signal higher than the input level.

Method 1:

In the main menu/Recording screen, press the LIMITER key to turn on/off the limiting function

Method 2:

1. Press the MENU key to switch to the menu page
2. Use the previous button and the next button to select "2 INPUT" and click the button enter the setting menu
3. Select the "Limiter Set" item and click the button enter the "Limiter Set" menu
4. Use the previous button and the next button, select OFF/ON, and click the button to make the selected Settings take effect

Auto Level setting

The Auto Level function is set according to recording requirements and recording environment, so that the output level of BY-R1 is kept within a certain range. When the signal exceeds a specific value, the output level is automatically increased or decreased

Method 1:

On the main menu/recording screen, press AUTO LEVEL to enable/disable auto gain

Method 2:

1. Press the MENU key to switch to the menu page

2. Use the previous button and the next button to select "2 INPUT" and click the button to ▶❙❙ enter the setting menu

3. Select 'Auto Level' and press the button to ▶❙❙ enter the 'Auto Level' menu

4. Use the previous button and the next button, select OFF/ON, and click the button to ▶❙❙ make the selected Settings take effect
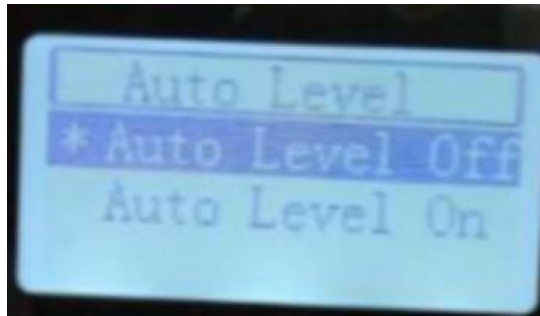
Recording file length

1. Press the MENU key to switch to the menu page

2. Use the previous button and the next button to select the item '3 REC SET' and click the button to enter the setting menu

3. Select 'File Limit' and press the button to ▶❙❙ enter the 'File Limit' menu

Select the length of the recording file (5/10/30/60/90/120 min) using the previous and next keys and press the key to ▶❙❙ make the selected Settings take effect


Hint:
If the length of a recording file exceeds the specified duration, the recording file is automatically saved and a new recording file is recorded.

Sampling rate/bit depth setting

1. Press the MENU key to switch to the menu page

2. Use the previous button and the next button to select the item '3 REC SET' and click the button to enter the setting menu

3. Select the item 'Sample Rate' and click the ▶❚❚ key to enter the 'Sample Rate' menu

4. Use the previous button and the next button to select the sampling rate/bit depth and click the ▶❚❚ button to make the selected Settings take effect

Sampling rate/ bit depth
96kHz/24bit
96kHz/16bit
48kHz/24bit
48kHz/16bit
44.1kHz/24bit
44.1kHz/16bit

High sound quality → low
Sound quality: Low

File size: Large → Small
File size: Small
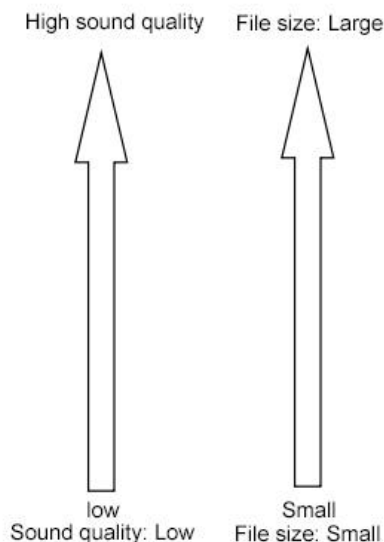
Line in/Mic in Settings

1. Press the MENU key to switch to the menu page

2. Use the previous button and the next button to select the item '3 REC SET' and click the button to enter the setting menu

3. Select the 'Line-IN/Mic-IN' item and click the button to ▶❚❚ enter the 'Line-IN/Mic-IN' menu

4. Use the previous button and the next button, select Mic in/Line in, and click the button to ▶❚❚ make the selected setting take effect

```
Line-IN/Mic-IN
* Mic-In
  Line-In
```
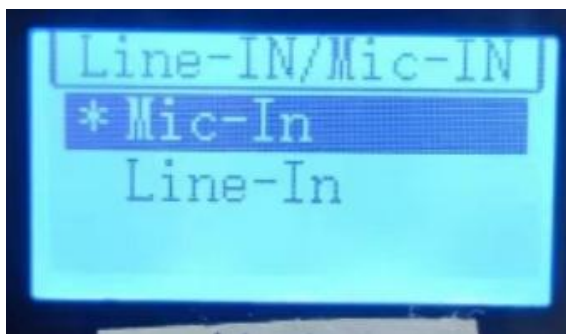
Hint:
Insert the Mic in/line in hole into the external device and enter the menu item of the software for corresponding Settings to ensure high-quality recording effect.