

The logo for Edis, featuring the word "Edis" in a bold, blue, italicized sans-serif font. The letter 'i' has a distinctive dot that is a small triangle pointing downwards.

Edis

Handheld Audio Recorder with X/Y Stereo Microphone

User Manual

General Introduction

This is an easy-to-use handheld audio recorder with an intuitive LCD display. It's ideal for using in applications such as conference, documentary shooting, ENG, filmmaking, field recording, music production, podcasting, etc.

Equipped with an XY stereo microphone, the recorder can also connect other audio devices via the MIC IN and LINE IN to capture rich and natural sounds.

Beyond that, the features capabilities of limiting and low cut (80Hz/ 120Hz/ 160Hz), which provides more safe conditions for your recording.

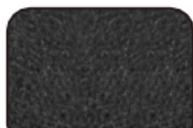
Features

- Records up to 96kHz/24bit audio files
- Up to 2-channel simultaneous recording
- Key locking function to prevent inadvertent operation
- Adjusting monitoring volume and input gain level
- High-resolution LCD display - see vital information at a glance

In the Box



handy recorder



Foam windscreen



microSD card (8GB)

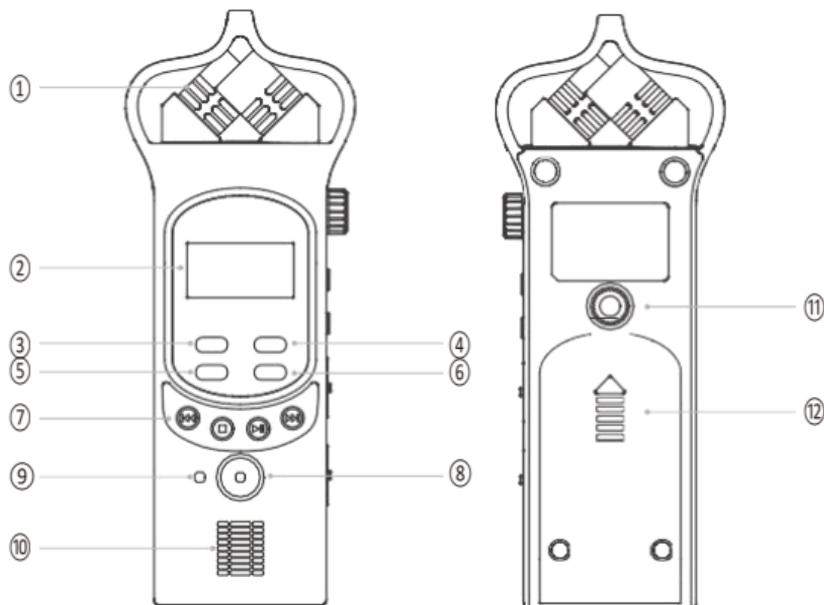


Carrying pouch



USB-C cable

Product Structure



① XY stereo microphone

The XY configuration angled 90° to produce realistic stereo image.

② LCD screen

Displays information. Please refer to "Display Overview" and "Menu Introduction" for more details.

③ MENU button

Press to return to the main menu.

④ LOW CUT button

Press to enable the low cut (80Hz/120Hz/160Hz) or disable it (OFF).

⑤ LIMITER button

Press to enable or disable the function of limiting.

⑥ AUTO LEVEL button

Press to enable or disable the function of auto level.

⑦ Control panel

Go through menu and select functions or values shown on the display. Please refer to "Control Panel" for more details.

⑧ REC button

On recording screen: Press to start recording or stop recording & save the file.

On other screen: Press to enter the recording screen.

⑨ Recording indicator

Static red: Recording
Blinking red: Signal overload (Peak detection)

Light off: Recording pause or stop

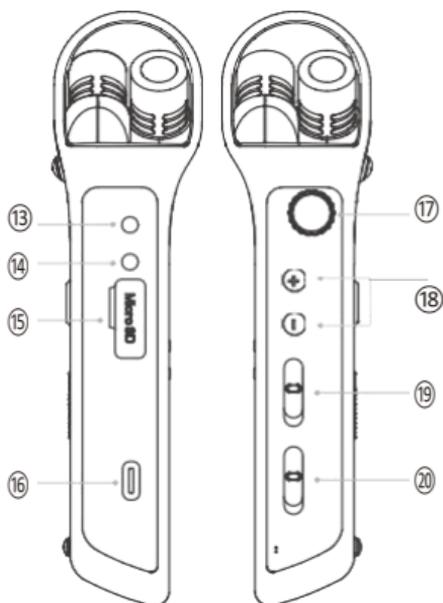
⑩ Built-in speaker

Use to check the playback audio when not using the line or headphones output jack.

⑪ 1/4"-20 female screw

For connecting to a mic stand, tripod, or shoulder rig.

- ⑫ **Battery compartment cover**
Please refer to "Installing Two AA Batteries."



- ⑬ **LINE/ MIC IN jack**

A 3.5mm line input (stereo microphone input) jack. Connect external audio sources or stereo microphone to record.

- ⑭ **LINE OUT/ Headphone jack**

A 3.5mm stereo output (headphone jack). Output audio to devices like camcorder, etc. Or connect headphones to monitor the audio output.

- ⑮ **microSD card slot**

Please refer to "Inserting a microSD card".

- ⑯ **USB-C port**

For connecting to a power supply to power the unit; For exchanging files with devices such as computer; For using as a sound card.

- ⑰ **Input gain control knob**

Rotate the knob to adjust the input audio gain to optimum level among 00~50.

- ⑱ **Headphone volume control**

Press "+" or "-" to adjust the headphone monitoring volume to optimum level among 00~30.

- ⑲ **KEY LOCK switch**

Slide up to lock other buttons. Slide down to unlock.

- ⑳ **POWER switch**

Slide down and hold for 3 seconds to switch the unit on or off.

Display Overview

Recording Screen



- ① **Recording status**

● Recording Standby

- ② **Audio level meter**

- ③ **Current filename**

- ④ **Remaining available time (or Current elapsed time)**

- ⑤ **Battery remaining capacity**

Playback Screen



① Playback status

▶ Playback || Pause

◀◀ Rewind ▶▶ Fast-forward

② Progress bar of current playback

③ Current file number/total files

L Audio level meter

5 Current filename

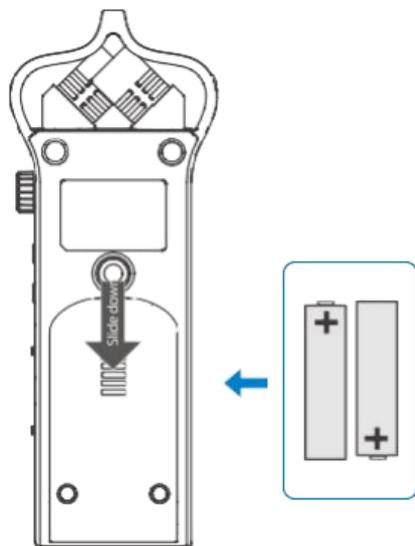
6 Elapsed playing time

7 Total time

8 Battery remaining capacity

Operation Guide

Installing Two AA Batteries



1. Slide out the battery cover at the back of the unit.
2. Install the batteries (AA Alkaline or NiMH) with the "+" positive terminal lined up with the sign "+" on the battery compartment.
3. Replace the battery cover.

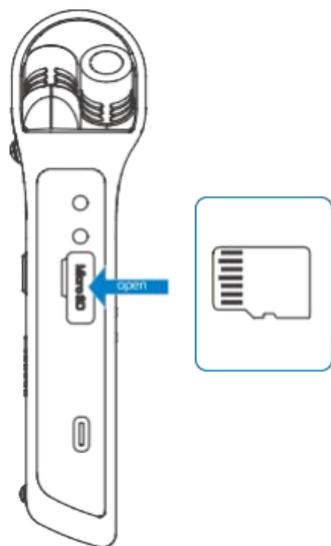
HINT:

- ① Turn the power off before installing or removing the battery.
- ② The recording file will be saved automatically if the batteries run out.
- ③ If the battery indicator becomes empty, turn the power off immediately and install new batteries.
- ④ Set the type of battery being used.

Inserting a microSD card

Open the card slot cover, insert a microSD card into the card slot with the contacts facing up.

* If you want to remove the microSD card, push it further into the slot and then pull it out.



HINT:

- ① DO NOT insert and remove a microSD card while the power is ON, otherwise the data might get lost and the file might get damaged.
- ② Make sure the microSD card is inserted correctly before using the unit.
- ③ When the SD card is not loaded, the recording is not available.

Connecting External Mics

In addition to record with the XY microphone, you could also connect an external 3.5mm microphone or a line-level device to the LINE /MIC IN jack.

Please note that only one input signal could be recorded at one time, the sequence priority is LINE /MIC input, and XY microphone.

Power ON/ OFF

- Slide the POWER switch  down and hold for 3 seconds to turn the unit on or off.

HINT:

- The first time you turn the power on after purchase, please set the Language and Date & Time.
- If "SD Fmt Err" pops up on the display, please confirm whether the SD card is inserted properly or its format is correct. If not correct, please format the card or use another card.

Warning:

Please back up the data in the microSD card before formatting.

USB Function

- ① AUDIO: Turn on the recorder and connect it to a computer using a USB cable. Select "AUDIO" to send 's output signals to the computer.



- ② STORAGE: Turn on the recorder and connect it to a computer using a USB cable. Select "STORAGE" to check and copy data on the SD card, and exchange data with the computer.



Follow the procedures for your computer when you want to disconnect.

- Windows: Use "Safely Remove Hardware" to select .
- Mac: Drag-and-drop the icon into the trash.

Key Locking

Activating: Slide the KEY LOCK switch  up to lock other buttons, preventing inadvertent operation.  appears on the display.

Deactivating: To enable the use of the other buttons again, slide the KEY LOCK switch  down.

HINT: Activating key locking won't affect the process of recording.

Recording

- On recording screen (standby): Press the REC button  start recording.
- On other screen: Press the REC button  to enter the recording screen. Press the REC button  again to start recording.
- When recording, press  to pause or resume recording; press and hold the REC button  to end the recording and save the file.
- In the state of "Auto Level Off", rotate the knob on the right side of the unit to adjust the input gain.

Playback & Monitoring

- When on the recording screen (standby), press  to directly enter the playback screen and the latest recorded file will be played.
- Or press the MENU button to enter "Menu" → select "1 FILE" → select the folder "RECORD" → select an audio file "REC-****.WAV" → press  to play it.
- When on the playback screen,   press to play the previous or the next audio file; Press and hold   to rewind or fast-forward the current audio. Press  to return to the "RECORD" file.
- Connect your headphones or earphones to the unit's headphone jack to monitor the audio output on the recording screen and playback screen.
- Press "+" or "-" button to adjust the monitoring volume.

Deleting Audio Files

After selecting the file you do not need, press  and then "Delete File?" pops up on the display. Press   to select "YES" or "NO". Press and hold  to confirm the option. Press  to cancel the option and exit the pop.

HINT:

- 1 If a file was deleted, the name of the remaining files would not be changed.
- 2 Deleting files or folders cannot be undone. Please operate it with caution.

Menu Introduction

Main Menu	Sub Menu		Description
FILE	RECORD	REC-0001. WAV~REC- ****.WAV	The has only one folder. Files are named with consecutive numbers, such as REC-0001.WAV.
INPUT	Low Cut Set	Low Cut 80Hz	Sounds that are 80Hz or lower will be filtered.
		Low Cut 120Hz	Sounds that are 120Hz or lower will be filtered.
		Low Cut 160Hz	Sounds that are 160Hz or lower will be filtered.
		*Low Cut Off	Default setting.
	Limiter Set	*Limiter Off	Default setting.
		Limiter On	The mic will lower the output level when loud sound sources threaten to distort your recording.
Auto Level	*AutoLevel Off	Default setting.	
	AutoLevel On	This function automatically adjusts the input level according to the input signal. At this time, pressing the input gain control has no effect.	
REC SET	File Limit	5 minutes	Set maximum elapsed time limit. The default setting is 60 minutes. If the elapsed time exceeds the file limit, the current file will be automatically saved, then there will be a new file to save your recording. For Example: If you set the file limit of up to 60 minutes, a 120-minute recording will be divided into 2 separate .wav files.
		10 minutes	
		30 minutes	
		*60 minutes	
		90 minutes	
		120 minutes	
	Sample Rate	44.1kHz/16bit	File size: 24bit > 16bit Audio quality level: 96kHz > 48kHz > 44.1kHz Consider audio quality and file size when selecting the format. The default setting is 48kHz/24bit.
		44.1kHz/24bit	
		48kHz/16bit	
		*48kHz/24bit	
		96kHz/16bit	
		96kHz/24bit	
	Line-IN/ Mic-IN	*Mic-In	The default setting is "Mic-In".
		Line-In	
	LineOut/HP	*HP	The default setting is "HP".
LineOut			
MIC-BIAS SET	*MIC-BIAS ON	The default setting is "MIC-BIAS ON".	
	MIC-BIAS OFF		
SD CARD	Total: ****M		Total memory storage of current SD card.
	Remain: ****M		Remain memory storage of current SD card.
	Format SD	Yes/*No	After selecting YES, all data previously stored on the SD card will be erased (Please use it with caution).

PLAY MODE	*Play 1 File		The selected file will be played one time (Default setting).
	Repeat 1 File		The selected file will be played repeatedly.
	Play Folder		The files in the present folder will be played in order.
	Repeat Folder		All files in the present folder will be played repeatedly. * Set the date and time so that all files will include a
SYSTEM SET	Date & Time		time-stamp when exported. • On Date & Time setting screen, press ▶▶▶▶ to move the cursor and then press ◀◀◀◀ to adjust the value. Finally press ■ to confirm and exit. (Or press the MENU button to confirm and return to the main menu page.)
	LCD Backlight	*Always On	The backlight always stays on. (Default setting).
		Always Off	The backlight always stays off.
		5 seconds	The backlight will turn off if no operation occurs for 5 seconds.
		10 seconds	The backlight will turn off if no operation occurs for 10 seconds.
		15 seconds	The backlight will turn off if no operation occurs for 15 seconds.
		30 seconds	The backlight will turn off if no operation occurs for 30 seconds.
	LCD Contrast	1-2-3-4-5	On LCD Contrast setting screen, press ◀◀◀◀ to adjust the level and then press ■ to confirm and exit. (Or press the MENU button to confirm and return to the main menu page.). The default level is "4".
	Battery Type	Ni-MH	Set the type of battery used so that the amount of remaining battery charge can be shown accurately. The default setting is Alkaline.
		*Alkaline	
	Language Set	*English	The default setting is English.
中文			
Factory Reset	No	After selecting YES, 's relevant parameters will be restored to the default factory values (Please use it with caution).	
	Yes		
Version	MCU: **** DSP: ****		

Control Panel

Control Button	On Recording Screen			On Playback Screen	On Main Menu	On Submenu	On Popup Menu
	Standby	Recording	Pause				
	-	-	-	Press: Playback last audio file Press and hold: Rewind the current audio.	Scroll up	Scroll up Scroll left Adjust parameters only on Date & Time page	Scroll left
	-	-	-	Press: Playback next audio file Press and hold: Fast-forward the current audio.	Scroll down	<ul style="list-style-type: none"> Scroll down Scroll right Adjust parameters only on Date & Time page Enter smaller 	Scroll right
	Play the last file directly	Pause or Resume recording		Pause or Resume playback	Enter submenu	<ul style="list-style-type: none"> submenu Playback the certain file selected When a certain file is selected, press and hold the button and then "Delete File?" will pop up. 	Confirm setting
	-	Save the file and return to the MENU page		-	Back to the recording screen	Back to the previous page	Exit the popup menu
	Start recording	Stop recording and save the file		Enter the recording screen			
	Enter to the MENU page	-	Save the current file and return to the MENU page	-	-	Back to the MENU page	
	Press to enable the low cut (80Hz/120Hz/160Hz) or disable it (OFF).			-	-	-	-
	Press to enable or disable the function of limiting			-	-	-	-
	Press to enable or disable the function of auto level.						

Troubleshooting

If you encounter problems when using the , please refer to the following checklist before contacting technical support. If the problem cannot be solved, please contact the dealer's after-sales service department.

Problem	Solution
There is no sound/ The sound is too weak	<ol style="list-style-type: none">1) Check whether the audio monitoring output is fully plugged in.2) Check the volume setting of .3) Check whether the volume of monitoring device is not too low.
The recorded sound cannot be heard or is too low	<ol style="list-style-type: none">1) Check whether the Low Cut is turned on. If you are using the X mic, confirm whether it is oriented correctly.2) Check the input level or monitoring volume settings.3) If a phone's player or other device is connected to the LINE IN jack, please raise the output level of the device.4) Check whether the Low Cut is turned on.
Recording is not possible	<ol style="list-style-type: none">1) Confirm whether the SD card has space left.2) If "HOLD" appears on the display, it means the key locking has been enabled. Disable the key locking to record normally.3) Check whether the SD card can be used normally. If "No SD Card" or "SD Fmt Err" pops up on the display, please format the SD card or replace it with a new one.
The recorder cannot be powered via USB-C cable	<ol style="list-style-type: none">1) Check whether the USB-C cable is fully plugged in.2) Pull the USB-C cable and plug it in again.

Cautions

1. Place product in the shade & dry place and avoid exposure to rain when in use.
2. Please use and store it in normal temperature. Do not move it from overheated to super-cooled condition frequently as well as keep away from heat sources such as heater and oven.
3. When using and storing, please pay attention to dust and moisture.
4. Be careful to violent collision.
5. To avoid acoustical feedback, do not hold the microphone close to the loudspeakers.
6. For the best sound pick-up pattern, do not hold your hand against the microphone capsule cover.
7. Remove the batteries from the battery compartment when the device is not used for a long time.

Specifications

Recording Channel	2
Recording Format	.WAV (44.1kHz/16bit, 44.1kHz/24bit, 48kHz/16bit, 48kHz/24bit, 96kHz/16bit, 96kHz/24bit)
Playback Format	.WAV (44.1kHz/16bit, 44.1kHz/24bit, 48kHz/16bit, 48kHz/24bit, 96kHz/16bit, 96kHz/24bit)
A/D Conversion	24-bit, 128x oversampling
D/A Conversion	24-bit, 128x oversampling
Signal Processing	32-bit
LCD	LCD 128×64 (with light)
Inputs	<ul style="list-style-type: none">• Built-in 90° XY stereo mic Maximum input sound pressure: 110dB SPL Sensitive: -35dB Unidirectional cardioid• LINE IN: 3.5mm TRS line level/ microphone input Gain: 0~30dB
Outputs	<ul style="list-style-type: none">• 3.5mm stereo headphone jack: MIC IN to Headphone/ LINE OUT: Maximum Gain 48dB LINE IN to Headphone/ LINE OUT: Maximum Gain 36dB Signal-to-Noise Ratio: >80dB (@60% volume, -30dBu input) THD+N Distortion: <0.01% (@60% volume, -30dBu input) Frequency Response: 20Hz-20kHz (@LINE IN input) Headphone Output Power: 20mW + 20mW into 32Ω load
Built-in Speaker	0.5W/ 8Ω
USB Jack	Type-C
Power Required	2 AA batteries (Ni-MH or Alkaline) USB-C DC 5V/1A
Recording Hours	4 hours under 96kHz/24bit (wav) (8GB SD card) 13.5 hours under 44.1kHz/16bit (wav) (8GB SD card)
Weight	155g (5.47oz)
Dimension	157mm×45mm×25.8mm
SD Card Capacity	Support up to 128GB