User 's manual

使用手册

LINEARITY PCM RECORDER
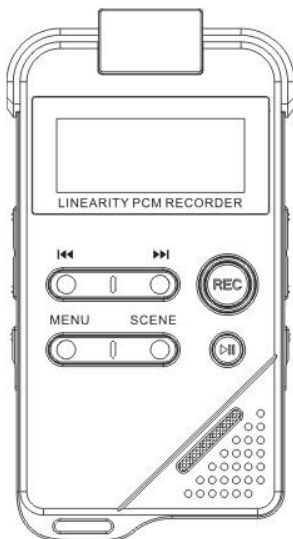
MENU   SCENE

Dear customer：

Thanks for select our products!

In order to make it easy for you to operate this product as soon as possible, please read this manual in detail before using this machine. If you find any problems in the process of using the product, please call our service hotline in time, thank you for your support and cooperation!

● information in this manual is subject to change without prior notice.

● the information of this manual is protected by copyright, any part of it is not allowed to be photocopied and reproduced in any way without the prior written permission of our company.

● the company reserves the right of final interpretation of this manual, and related materials.

Matters need attention

★ Do not use products in particularly hot, cold, dusty or humid environments.

★ Do not let the product fall down. If you do not use this machine for a long time, keep the power key off.

★ please avoid using higher volume for a long time to enjoy music, which can easily hurt your hearing.

★ especially remind the user to operate carefully, pay attention to the data backup.
★ Please read this instruction carefully before using this product. If the data is lost due to human operation or force majeure, we are not responsible for it.

★ please charge in time in the following cases :1) icon 🔋 appears ;2) operation button does not respond. Automatic shutdown due to low power in normal operation.

Changes to the performance and functionality of this product will be made without prior notice. If the actual setting and usage of the product are inconsistent with this manual, please visit our company website for the latest product information.

[Note] The purchase of products is subject to the physical object, the company for the product information and appearance of modification no longer notice.

Product features
★PCM soundless recording, CD level perfect sound quality

★ one-click recording function, fast recording operation.

★ password lock function, effectively protect recording files

★ special key locking function to prevent recording misoperation

★ intelligent voice-activated recording, effectively record sound information
★ music library & recording file library one-click switch, humanized operation
★ conference mode, interview mode, concert mode, large venue mode multiple recording scenarios optional

★ low power automatic save, recording time display (timestamp) function

★ recording listening function

Outside view drawing

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Appearance Introduction

1、 Screen
2、 Recording keys
3、 Play/power/pause
4、 Speaker
5、 Previous/FW; Next/FF
6、 Menu
7、 Recording Scene Selection
8、 Hanging rope holes
9、 External Mac/ LINE IN port
10、 AB Repeat
11、 Delete
12、 Music Library and Recording Library Switch
13、 Earphone port
14、 Volume up
15、 Volume down
16、 HOLD
17、 USB port
18、 Left Mic
19、 Middle mic
20、 Right mic

Function declaration

Power on

(⊳‖)	Long press Play button over 3 seconds to power on the recorder.	

Shutdown

(⊳‖)	Long press "play" key over 3 seconds for power off.	GOODBYE!

Reset system

If the recorder crash, please long press "▶‖ " key 15 seconds to reset the system, if still can not boot, confirm whether the battery is dead.

HOLD

Lock the key in recording or playing music, other keys will disabled.

Batteries and charging

This machine uses built-in lithium battery, you can connect it to USB port of PC for charging, charging battery icon will flash, when the power is full display full icon (▥▥▥).) about 2 hours to fill the built-in lithium battery.

Note: If use adapter to charge, please choose charger with maximum output of 5 V,500mA to charge.

Built-in microphone recording

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(REC)	REC PCM ♨ VOR ▣ 000:28:58 D 20140115_00

After power on, press the recording key to start recording, while recording the recording mark REC displayed and recording indicator lights for flashing state.

1. switch recording settings to microphone recording mode, press the recording key directly into the recording state;

2. The recorded document is named as 20200508-001, of which 001 is the document number;

Note: Use the built-in microphone recording, before recording please confirm that the recording type setting in the recording setting is in microphone recording mode or stereo recording mode.

3D stereo recording

REC PCM ♨ VOR ▣ 000:28:58 D 20140115_00	Three-dimensional stereo recording mode: this mode is left and right channels separate coding mode, real stereo recording, a strong sense of space.

Set the recording to stereo recording mode, press the recording key directly into the recording state;

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Suspension/discontinuation of sound recordings

1) Suspension of current recording

(▷ll)	At the recording state, short press " ▶ll" key, you can pause the current recording, again press " ▶ll " key to continue the current recording.

2) Stop the current recording

(REC)	In the recording state, long press the "recording key" to stop recording, and save the recording file.

Music Library / Recording Library Select

	When playing or stopping, toggle the music library and the recording library switch key to "MUSIC" position is the music file list, toggle to" DVR" position is the recording file list, press " ▶ll" key to play.

Document management and playback

File delete

On stop or pause, find the file you want to delete, press "ERASE"" to enter delete file mode, screen display delete single file and delete all options, then press" Previous "or" next"to switch options, at this time by pressing" MENU "menu key to confirm delete the current track, if you want to delete all tracks, select the mode to delete all files, at this time by pressing" MENU "menu key to confirm delete all tracks under the directory, if you want to exit delete mode, press" play "key to exit delete option.

(Note: Unable to recover after deletion, please note backup.)

Play/Pause

Play the recording status (DVR) or music status (MP3), short press

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" ▶II " key to start playing, in the playback process short press

" ▶II " key to pause play (note: long press play key this product

will shut down).

Note: This machine is silent when there is an insert earphone.

Music File (MP3)/ Recording File (DVR) Mode Switching

On standby or playing state, toggle "DVR-MUSIC" mode key for

music files and recording files to switch each other, short press

" ▶II " key, start playing the current file.

Volume adjustment

Press "VOL +" volume for volume increase, press "VOL-" for

volume decrease in the state of stopping or playing files.

Next/Previous; FF/FW

In the state of play, short press "previous" key for the last song,

short press "next " key for the next song, long press "previous"

key for fast retreat, long press "next song" key for fast forward.

A-B Repeat

Short press "A-B" key is repeat mode in play recording or music

state, A-B" key is press "in play state, set repeat starting point A, at

this time screen display A, press" A-B" key again, set repeat end

point B and do not flash, at this time the play will repeat from A to

B points, press "A-B" key once again to exit repeat mode.

Repeat settings: enter the playback menu settings in the playback state, short press the previous "or" next "key to select the repeat settings, and then short press" M" key to enter the repeat settings option.

Repeat settings: you can choose the number of times, repeat interval, as required to set their own.

Loop mode

Loop mode: that is the user can repeat playback of a single or more audio file lines through the existing settings in the recorder.

under the state of playing recording or music, short press "MENU" menu key to enter submenu, and then short press" MENU" menu key to enter loop mode selection, respectively: normal mode, single loop, directory play, directory loop, full loop, random play, browse play for your choice, press "MENU" menu key to determine the selection of play mode.

Equalizer Mode

Click "M"" or" next "to select the equalizer mode, and then" M ""to enter the equalizer mode option. Equalizer mode: you can select the sound effect of audio files, use different sound playback effects, can bring users different sound feelings, while bringing

more sound or music enjoyment. play status short press "M" key, press" Previous"next " key selection: nature, rock, pop, classical, soft, jazz, heavy bass, a total of 7 modes, the default sound effect is natural.

Play speed

Click "previous"" or" next "to select the playback speed in the state of playing the recording or music: you can choose fast playback and slow playback, slow between 8 grades 0-8, fast adjustment between 8 grades 0-8, variable speed invariant, easy to learn a foreign language.

<div align="center">进入菜单选项模块</div>

```
      菜单选项
◎主盘目录
◎录音设置
```
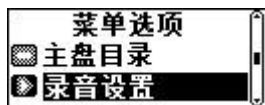
1. in the pause or stop state, press "M" key will enter the menu option, then use the previous / next key to select the menu module, press" M" key to determine the selection, as shown in the interface above; press "▶II " key to exit the option.

Main Disk Directory

Under pause or stop, press "M" key will enter menu option, then use previous/next key to select main disk directory, press" M" key to confirm entry, if enter main disk directory in music mode, will display all music file list, press "M" key to determine selection,

press "▶ǁ " key will play this file, if enter main disk directory in DVR voice mode, enter RECORDER folder, will display all recording file list, press M" key to determine selection, press play key will play this file.

Recording Settings

(1) Recording Quality

Press "M"" to enter menu option in stop playback state, short press" previous "or" next song "to select recording quality and press" M "key to enter menu option, then short press" M "enter ", short press" previous"or" next song "to select LP long time mode 32 Kbps、SP standard 64 Kbps、HQ quality 128 Kbps、SHQ HD 192 Kbps、PCM linear 384 Kbps.. short press "M" select, press play key to exit.

note: in order to ensure better recording effect, we strongly recommend that you use hd mode or PCM linear mode to record during recording.

(2) **Type of recording**

Press "M"" to enter menu option in stop play state, short press" Previous "or" next "to select recording setting and press" M "key to enter menu option, then select recording type, then short press" M "to enter, short press" previous "or" next "to select: microphone recording, phone recording, stereo recording, line recording 4 options, short press" M "select, press " ▶ǁ"" to exit.

Microphone recording: built-in mono recording channel, suitable for interview or close recording, please set this mode when using

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an external microphone, the system will automatically cut off the internal microphone automatically cut off the internal microphone.

Telephone recording: specific use method: use the telephone adapter (optional) in the packaging accessories and the connection line (optional), the two telephone line ports of the adapter, respectively, connect the external telephone line and the telephone extension line, the other end of the extension line to connect the telephone. adapter 3.5 MM LINE IN port connects equipped transcript lines, the other end of the transcript line, the microphone socket connecting the recorder. Press the "recording" button directly for telephone recording.

Stereo recording: Built-in stereo microphone recording system, suitable for meeting, concert, live performance and other occasions recording, this mode is left and right channel separation sampling mode, space sense is extremely strong, real stereo recording mode.

Line recording: external audio source transcription mode, suitable for audio workers, bars, radio and other occasions to record transcription.

(3) **Recording scene selection**

Before recording, press "SCENE" key to set up the recording scene mode, respectively: meeting mode, interview mode, concert mode, large venue mode to choose, in different occasions please choose different modes for recording, in order to prevent distortion caused by too large input signal, or noise caused by too small input signal can not be heard clearly.

(4) **Recording indicator**

Press "M"" to enter menu option in playback recording or music pause state, short press" previous"or" next"to select recording setting and press" M "key to enter menu option, then select recording indicator light, press" M "to enter, then press" previous "or" next "to select" off "and" on "options, press" M ""to select and confirm, press " ▶ll"" to exit.

(5) **Recording listening**

Press "M"" to enter menu option in playback recording or music pause state, short press" previous"or" next "to select recording setting and press" M "key to enter menu option, then select recording listening, press" M "to enter, then press" previous "or" next"to select" off "and" on "options, press" M ""to select and confirm, press " ▶ll "" to exit. This function needs to wear headphones for use.

(6) **Voice-activated recording**

Press "M"" to enter menu option in playback recording or music pause state, short press" previous "or" next "to select recording setting and press" M "key to enter menu option, then select voice activated switch, press"previous "or" next to select voice activated on /off option, press" M" key to select and confirm.

(7) Voice activated sensitivity

press "M" key to enter menu option in stop play state, short press" previous "or" next "to select recording setting and press" M" key to enter menu option, then select voice activated sensitivity, press "M" to enter, then press" previous "or" next "to adjust with 1-10 level, The higher the level, the higher the sensitivity, press" M" key to select and confirm.

(8) **Voice-activated delay setting**

Press "M"" to enter menu option in stop play state, short press" previous "or" next "to select recording setting and press" M "key to enter menu option, then select voice-activated delay setting, press" M "to enter, then press" previous "or" next "to adjust, with 1-10 level adjustment respectively, the higher the level, the more sensitive the sound control start time segment, press" M" key to select and confirm.

System setup

(1) **System time**

press "M" key to enter menu option in stop play state, short press" previous "or" next"to select system time in system setting, press" M" enter, press volume "+or "-" to select year, month, day, hour, minute, second, press" previous "or" next"to adjust value, press" M" key to confirm.

(2) **Backlight Time**

press "M" key to enter menu option in stop state, press" previous "or" next "to select backlight time in system setting, press" M" to enter, there have 0-30 seconds to select, press "previous" or "next " to adjust the value, press M key to confirm.

(3) **Language selection**

press "M" key to enter menu option in stop play state, press"previous"or" next"to select language selection in system settings, press" M" to enter, with simplified Chinese, traditional chinese, English, press "previous" or "next" to select, press "M" key to confirm.

(4) **Shutdown settings**

press "M" key to enter menu option in stop play state, press" previous"or" next"to select shutdown setting in system setting, press" M" to enter, there have power saving mode and sleep mode respectively, power saving mode 0-200 seconds adjustable, timing shutdown 0-120 minutes adjustable, press "previous" or "next" adjustment, press "M" key to confirm.

(5) **Password Lock Switch**

Turn on/off password, after opening this function, you need to enter the password before you enter the system every time.

(6) **Password settings**

By volume +/-key for longitudinal digital adjustment, through the upper and lower key for horizontal selection, set after the completion of the short press MENU key to confirm the save.

(7) **Contrast control**

press "M" key to enter menu option in stop play state, press" previous "or" next "to select contrast adjustment in system settings, press" M" enter, with 0-15 level adjustment, press "previous " or "next" to adjust, press "M" key to confirm.

(8) **Storage status**

press "M" key to enter menu option in stop play state, press" previous "or" next"to select storage status in system settings,

press" M" enter to view current system storage status, press "M" key to confirm exit.

(9) **Formatting device**

press "M"" to enter the menu option under playback recording or music pause, press"previous "or" next "to select the formatting device in the system settings, press" M "to enter, press"previous "or" next "to select the option, press" M" key to confirm the formatting device. The more files, the longer the formatting time.

(Note: Unable to recover after formatting, note backup. Do not force the power switch off while formatting the device, otherwise it will cause system error)

(10) **Firmware version**

Press "M"" to enter the menu option in playback recording or music pause state, press" previous "or" next"to select the firmware version in the system settings, then press" M "to enter, view the current system software version number, press" M" exit.

Recording specifications: (8GB)

S p e c	384Kbps	192Kbps	128Kbps	64Kbps	32Kbps
T	45Hour	90Hour	130Hou	260 Hours	520 Hours

i	s	s	rs		
m					
e					

N**ote:** maximum recording time for the storage capacity of the above 8 GB.

Communications operations

（一）、linked computers

(1)Connect the PC to the recorder with a USB cable, when the connection status is displayed in USB local screen.
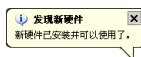
(2)If you are using this machine for the first time, the Windows will display "discover new hardware ".

(3)The disk symbol for the new disk will appear in My Computer.

（二）、Interrupt connection to computer

Before unplugging the machine from the USB port of the computer, please confirm that the communication operation with the computer has stopped. USB equipment must be unloaded normally, otherwise data may be damaged or lost.
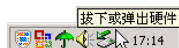
[NOTE]1. Use in WinME/2000/XP/7 etc without installing a driver.

2. in the process of data upload, down, please do not unplug the machine, otherwise it is possible to destroy the software. At the same time after the transfer of files, please be sure to safely pop up the machine and then unplug the USB line.

Troubleshooting

1) Why is the display of storage capacity on the operating system inconsistent with the nominal value?

A. The computer is known to be binary, and the capacity is calculated as one per 1024 bytes KB, one per 1024 KB and one per 1024 MB.The chip store uses decimal for computing capacity, i.e .1 per 1000 bytes KB,1 per 1000 KB MB,1 per 1000 MB. The difference between the two bases causes a slight difference between the display capacity and the nominal

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capacity of the computer. In addition, the in-machine font, system files will use a small part of the memory space, so the operating system will display less memory capacity than the nominal value.

2) Why can't play some song?

A: The audio format is incorrect, please download the audio format that matches the player.

3) Why does this product react slowly?

A: because the product is used for a long time or frequently deleted files, its internal flash memory may appear debris (similar to the hard disk debris), resulting in slower speed. **Solution:** use special software to format flash memory, you can solve the problem very well. If the damaged MP3 file inside the machine, it will also cause the speed to slow down.

4) What if the in-machine software of this product is destroyed?

A: This is due to abnormal operation. please contact the local aftermarket maintenance point.

Specification parameters

Outline	81 mm×40 mm×12.5mm
Screen	1.1 inch 16:9 wide screen display Resolution :128*48 LCD Display
Cipicity	8G、16G（Optional）
Recording quality	LP 32Kbps、SP 64Kbps、HQ 128Kbps、SHQ 192Kbps、PCM 384Kbps

	Built-in microphone: capacitive microphone Sensitivity :-36 dB~~~-49 dB Quantity :3
Languages	Chinese, English
Recording	WAV
Music format	MP3、WMA
MP3bitrate	32Kbps–320Kbps
WMAbitrate	32Kbps–320Kbps
SNR	≥80dB
Battery	Built-in lithium battery：3.7V 280mAh
Interface	USB2.0

On the basis of the formulation of the measures for the prevention and control of pollution in electronic products and the measures for the prevention and control of pollution in electronic information products

The content of toxic and harmful substances in this product is described as follows:

○: indicates that the toxic and harmful substance does not contain in all homogeneous materials of the component or that its content is below the limit requirements specified in the SJ/T11363-200 standard.

×: indicates that the content of the toxic and harmful substance at least in a homogeneous material of the component exceeds the limit required by the SJ/T11363-2006 standard. Based on [Electronic Information Products Pollution Control Management Methods] and

SJ/T1 11364-2006[Electronic information products pollution control marking requirements], electronic information products should mark the product contains no leakage or mutation of toxic and harmful substances or elements resulting in pollution to the environment or serious damage to people and property, that is ," ", means 10 years.

Note: Most of the components of this product are made of non-toxic and harmless environmental protection materials, and the components containing toxic and harmful substances or elements can not be replaced by toxic and harmful substances or elements because of the limitation of the level of technological development.

Accessories of this product: Recorder, USB line, earphone, manual, (please refer to the physical object, if any change, no notice)
We reserve the right of final interpretation of this manual