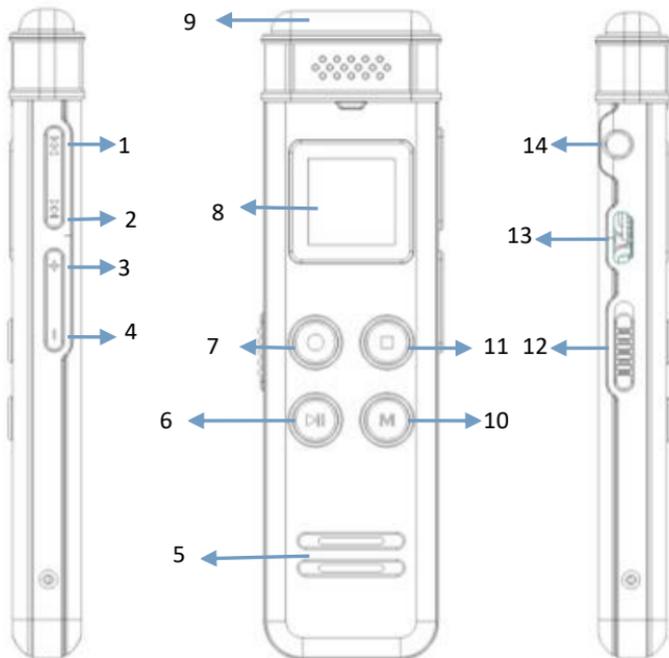


# User's manual



## Quick Operation Guide

## ● Pictures for Appearance



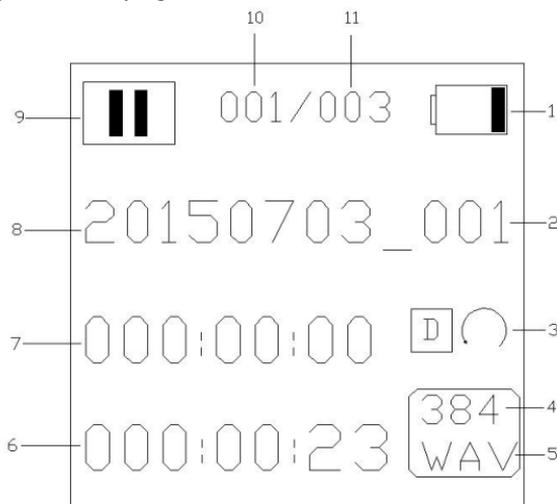
Note: The pictures for the exterior are subject to the real object.

## ● Button Features

- (1) PREV CHAP button: for upward choice of the previous chapter (Long Press means fast rewind)
- (2) NEXT CHAP button: for downward choice of the next chapter (Long Press means fast forward)
- (3) VOL + button: volume up
- (4) VOL – button: volume down
- (5) Horn
- (6) PLAY button: turn-on, turn-off, play and pause

- (7) REC button: recording by one press
- (8) DISP screen
- (9) Built-in mike
- (10) MENU button: Delete mode (long press), function mode and confirmation
- (11) STOP button: Voice/music mode switching, recording and back
- (12) POWER switch (Push the switch to the "OFF" position when it lies idle for a long time)
- (13) USB interface
- (14) Earphone jack

● Description of Display Screen



1. Power Display Mark
2. Current Record File Sequence
3. Current Circ Mode
4. Current File Bite Rate
5. Current File Format
6. Current File Total-Time

7. Current File Play Time
8. Current File Record Time
9. Play/Pause State Display
10. Current File Sequence
11. Total Number of Files

● On/Off

- (1) On: Push the power switch on the recording pen from OFF to ON (If the power switch is ON, long-press the PLAY button) and the machine will automatically switch on.
- (2) Off: Push the power switch on the recording pen from ON to OFF (or long-press the PLAY button) and the machine will automatically switch off.

● Recording

- (1) Start recording: in the boot state, short-press the "REC" button to enter the recording mode. During recording, the "REC" icon will appear and flash on the top left corner of the screen. At this time, if the recording indicator is set to "ON", it will light and flash.
- (2) Save recording: During recording, press the "STOP" button on the device and it will save the current recording documents.

● File Delete

In the STOP or PAUSE state, long-press the "MENU" button 3 seconds to enter the FILE DELETE mode. The screen displays the "DEL FILE", "DEL ALL" or "QUIT" menu for confirmation. If you want to delete a single chapter from the music or recording file, press the "MENU" button for confirmation after pressing the "PREV CHAP" or "NEXT CHAP" button and switching to "DEL FILE". After pressing the "PREV CHAP" or "NEXT CHAP" button once again and choosing the file for deletion, press the "MENU" button to enter the submenu. Select the CFM DEL first and then press the "MENU" button. To delete all files, select DEL All and press

“MENU” for confirmation first, and then confirm the deletion of all chapters under the tree by selecting the CFM DEL and pressing the MENU button (The more the files are deleted, the longer the time is needed. Never switch off power supply when the files are being deleted, or the files will be damaged). To quit the deletion mode, press the “STOP” button to give up deletion and the screen will return to the main interface.

- **Play/Pause**

Under the recording or music mode, press the PLAY button to start playing; re-press the PLAY button to pause playing. On playing the record or music, short-press the MENU button and you can enter the “CIRC MODE” and “EFFECT MODE” setting. After that, press the “PREV CHAP” or “NEXT CHAP” button for selection first, and then press the “MENU” for confirmation.

- **Chapter Switching**

In the play mode, press the “PREV CHAP” or “NEXT CHAP” button for chapter switching.

- **Mode Switching for Music File/Record File**

In the standby or pause state, press the “STOP” button and it will automatically be switched to the music mode or record mode. If in the stop or pause state of music or record, short-press the “PLAY” button and the device will play the current file.

- **Volume Adjustment**

In the state of file stop or play, press the “VOL +” button to increase volume; press the “VOL -” button to reduce volume.

- **A-B Repetition**

In the voice or music playback state, long-press the “MENU” button for 3 seconds at a time first, and then set “A” as the starting point for repetition. At this time, the screen will show “A-B” and its flash; then long-press the “MENU” button for 3 seconds at a time again first, and then set “B” as the end point. At this time the screen will show “A-B” but without flash. Thus, the repetition between A and B can be started. To cancel the A-B repetition, press the “MENU” button and you can quit the repetition mode.

- **Connecting A Computer**

Insert one end of the USB cable into the USB interface and the other into that of the computer.

Please remove the movable disk in the normal method to avoid data loss.
- **Record Setting**
  1. **Record Quality Setting**

In the state of record stop or pause, short-press the “MENU” button to enter the “MENU OPTION” first, and then press the “PREV CHAP” or “NEXT CHAP” button to enter the submenu. Please press the “MENU” button for confirmation after selecting the “RECORD QUALITY”. You can short-press the “MENU” button for confirmation again after selecting one of “32K bps”, “64K bps”, “128K bps” and “192K bps” (The higher the bit rate is, the better the record effect is and the larger the memory space is).
  2. **Record Indicator**

In the state of record stop or pause, press the “PRE CHAP” or “NEXT CHAP” button after short-pressing the “MENU” button and entering the “MENU OPTION” to select “REC SETTING”. Press the “MENU” button to enter the submenu first, and then press it again for entry after selecting the “REC INDIC”. Confirm the “CLOSE” or “OPEN” and press the “MENU” button to confirm this setting.
  3. **Sensitivity Selection:**

In the state of record stop or pause, press the “PRE CHAP” or “NEXT CHAP” button and select “REC SETTING” after short-pressing the “MENU” button and entering the “MENU OPTION”. Press the “MENU” button to enter the submenu. Selecting SENS SELECTION and pressing the “MENU” button, select one of 0-7 levels by pressing the “VOL +” or “VOL -” button and press the “MENU” button for confirmation (The higher the level is, the larger the recording distance is).
  4. **Record Monitoring:**

In the state of record stop or pause, press the “PRE CHAP” or “NEXT CHAP” button and select “REC SETTING” after short-pressing the “MENU” button and entering the “MENU OPTION”. Press the “MENU” button to enter the submenu. Selecting REC MONITORING and pressing the “MENU” button, select “CLOSE” or “OPEN” and press the “MENU” button to confirm this setting (When the record monitoring is started, you

can hear the recorded sound by wearing the earphone during the recording).

#### 5. Voice Control State:

In the state of record stop or pause, short-press the "MENU" button to enter the "MENU OPTION". Press the "MENU" button to enter the submenu after pressing the "PRE CHAP" or "NEXT CHAP" button and selecting "REC SETTING". Select the "VOS Switch" and press the "MENU" button for entry. Press the "MENU" button to confirm this setting after selecting "CLOSE" or "OPEN".

#### 6. Voice Control Sensitivity:

In the state of record stop or pause, short-press the "MENU" button to enter the "MENU OPTION". Pressing the "PRE CHAP" or "NEXT CHAP" button and selecting "REC SETTING", press the "MENU" button to enter the submenu. To select Voice Control Sensitivity, press the "MENU" button for entry. You can press the "MENU" button for confirmation after selecting one of 1-10 levels by pressing the "VOL +" or "VOL -" button.

### ■● System Setting

#### 1. System Time

In the state of record stop or pause, short-press the "MENU" button to enter the "MENU OPTION". Pressing the "PRE CHAP" or "NEXT CHAP" button and selecting "SYSTEM SETTING", press the "MENU" button for entry. After selecting the "SYSTEM TIME", press the "VOL +" or "VOL -" button for switching among year, month, date, hour, minute and second. Set the specific digits by pressing the "PRE CHAP" or "NEXT CHAP" button first, and then press the the "MENU" button for confirmation.

#### 2. Backlight Time

In the state of stop or pause, press the "MENU" button to enter the "MENU OPTION". Press the "PRE CHAP" or "NEXT CHAP" button after selecting "SYSTEM SETTING", and you can switch it to BACKLIGHT TIME. Press the "MENU" button for entry. You can select the needed backlight time (0-30 seconds are adjustable) by pressing

the "PRE CHAP" or "NEXT CHAP" button. Press the "MENU" button for confirmation (It will normally be on when the time is set to 0).

### 3. Language Selection

In the state of stop or pause, press the "MENU" button to enter the "MENU OPTION". Press the "PRE CHAP" or "NEXT CHAP" button after selecting "SYSTEM SETTING", and you can switch it to "LANG SELECTION". Press the "MENU" button for entry first, and then press the "PRE CHAP" or "NEXT CHAP" button to switch to the needed language (24 languages such as simplified Chinese, traditional Chinese and English are optional). Confirm the selected language by pressing the "MENU" button.

### 4. Shutdown Setting

In the state of stop or pause, press the "MENU" button to enter the "MENU OPTION". Press the "MENU" button for confirmation after selecting the "SYSTEM SETTING". Press the "PRE CHAP" or "NEXT CHAP" button to switch to "Shutdown Setting". Press the "MENU" button for entry. Select the Power Save Mode or Sleep Mode and press the "MENU" button for confirmation.

#### Power saving mode:

In the standby state: there is no button operation in the set time (The time unit is second). Conduct shutdown in the set period. When it is set to "0", the device is on all the time; in the play state, "POWER SAVE MODE" setting is ineffective and the device will play until its automatic shutdown because of inadequate power.

#### Sleep Mode:

In any states (including standby state / music play or language state / record state), if there is no button operation in the set time (The time unit is

second), conduct shutdown in the set period; when it is set to "0", it will not perform the sleep function (The set sleep function can be in effect only before shutdown. It will automatically return to "0" after shutdown, that is, it doesn't perform the sleep function).

#### 5. Contrast Control

In the stop or pause state, press the "MENU" button to enter the "MENU OPTION". Press the "PRE CHAP" or "NEXT CHAP" button and switch to Contrast Control after selecting the "SYSTEM SETTING". Press the "MENU" button for entry. You can adjust the contrast of 0-15 levels by pressing the "VOL +" or "VOL -" button. Following the selection of the needed contrast, press the "MENU" button for confirmation.

#### 6. Storage State

In the stop or pause state, press the "MENU" button to enter the "MENU OPTION". Press the "PRE CHAP" or "NEXT CHAP" button and switch to STORAGE STATE after selecting the "SYSTEM SETTING". Press the "MENU" button and the screen will show the total volume of this machine and the percentage of the currently used memory.

Note: The system of this machine occupies some memory, so the disagreement with the nominal capacity is normal.

#### 7. Formatting Equipment

In the stop or pause state, press the "MENU" button to enter the "MENU OPTION". Press the "MENU" button for entry after selecting the "SYSTEM SETTING". After pressing the "PRE CHAP" or "NEXT CHAP" button and switching to FORMATTING EQUIPMENT, press the "MENU" button and the screen will show "FORMAT DISK". Pressing the "MENU" button, select "CONFIRM" and press the "MENU" button, and the machine will start disk formatting. The screen will show "FORMATTING" during format. After formatting, the screen will show

“FORMAT SUCCESS”. (Note: The data after formatting will disappear completely. Please make prudent choice).

## 8. Firmware Version

In the stop or pause state, press the “MENU” button to enter the “MENU OPTION”. Press the “MENU” button for entry after selecting the “SYSTEM SETTING”. After pressing the “PRE CHAP” or “NEXT CHAP” button and switching to FIRMWARE VERSION, press the “MENU” button and the screen will show the information on the firmware version of this machine.

## 9. Restore Factory Setting

In the stop or pause state, press the “MENU” button to enter the “MENU OPTION”. Press the “MENU” button for entry after selecting the “SYSTEM SETTING”. After pressing the “PRE CHAP” or “NEXT CHAP” button and switching to RESTORE FACTORY SETTING, press the “MENU” button for entry. Select “CONFIRM” and press the “MENU” button and this machine can be restored to the factory setting.

- Charging

Insert one end of the USB cable into the USB interface and the other end into the USB interface of the computer or charger (please use the 5V charger). During charging, the screen will show “CHARGING”. After full charging, the battery icon will become full and the screen show “FULL CHARGE”. Generally the machine will be charged fully for about 3 hours.

Note: \* This machine has the function of automatic power saving. In the stop state, if the machine lies idle for three minutes, the machine will automatically shut down and save power.

\* This machine supports the function of folder play.

## Technical Specifications

Dimensions	101X27X10.8MM	
Display	LCD Display (96*64, negative)	
USB interface	USB 2.0 High Speed	
Memory	4GB – 16GB (optional)	
Battery	3.7V/230MAH Polymer Battery	
4GB Memory	PCM Pulse Code Modulation for about 23 hours	
8GB Memory	PCM Pulse Code Modulation for about 46.5 hours	
Music	MP3	8KHz–48KHz 8Kbps–320Kbps
	WMA	32KHz–48KHz 48Kbps–192Kbps
Record	PCM	384Kbps
	HQ	192Kbps
	SP Standard	128Kbps
	LP Long Time	32Kbps, 64 Kbps
Earphone Output	Max. Output	10mW+10mW(32Ohm)
	FR	20Hz 至 20KHz
	SNR	>80dB
	Distortion Factor	0.05%
Temperature	-5 to 40°C	
Supported System	Windows 98 Second Edition/Millennium Edition/2000/XP/ Windows 7	

## Declaration

You are asked to backup the data by yourself in the use process. We shall not be responsible for the loss and damage of personal data arising out of the misoperation of software and hardware, maintenance of product, replacement of battery or other accidental events, as well as the other indirect loss arising therefrom. Besides, we can't control your misunderstanding of this manual, so we shall not be responsible for the accidental damage possibly arising during the use of this manual, as well as any third party's claims arising out of the use of the product. (The system software of this machine will occupy some capacity. A little difference between it and nominal capacity is normal.)