User’s Manual
Precaution

In order to avoid accidents, please read user’s manual carefully before operations.

1. Please turn off power switch if do not use the recorder for long time.

2. Please keep it from moisture, high temperature and dust, and don’t put it near fire.

3. Please avoid collision when using the recorder.

4. Please do not cut off power during recording and playing. Otherwise it may cause crash problem and information loss.

5. Please backup files regularly on computer to avoid information loss which may be caused by misuse or breakdown.

6. We are not responsible for the recording failures which caused by misuse or damage of the recorder.

7. Please do not disassemble or replace the inner parts yourself. Please backup files before sending for repair. We are not
responsible for the information loss which caused by repair.

8. We are not responsible for the user’s recording without other’s approval.

9. We reserve the right to modify the design and specifications. If there are any differences due to the different technology and manufacturing batch, please subject to the voice recorder.
Function Overview
1. One button noise reduction recording
2. Mobile Bluetooth recording
3. Mobile phone answering & redialing
4. One button recording & playing
5. Four Recording modes:
   LP: Long time recording
   SP: High quality recording
   HQ: Ultra-high quality recording
   SHQ: Super high quality
6. Timer recording
7. Voice Activated Recording (VOS/VAR)
8. External microphone recording
9. Telephone conversation recording
10. Supporting 24 languages operation
11. TF card extension
12. The password protecting
13. Recording files folder setting
14. Time setting
15. Recording monitor
16. Automatic section-break
17. Built-in rechargeable heavy-duty polymer lithium battery

Appearance and Buttons
Operations

◆ Turn on/off

◆ Turn on:
Push the power switch (OFF/ON) to “ON” side. The screen will lighten up, the recorder is turned on. In the soft shutdown condition, long time press ▶ button, the recorder turns on.

◆ Turn off:
Push the power switch (OFF/ON) to “OFF” side. The screen will light out and the recorder turns off. In any standby condition, long time press ▶ button, the recorder turns off. The recorder will turn off automatically if there is no further operation in two minutes.

⚠ Soft shutdown condition: Turn off the recorder without turning the power switch off.

◆ Insert TF card
Inserting the TF card under turned off condition as follows:

After the installing, please select the card inserting menu if you want to use TF card. Pressing down the card under turned off condition, it will pop out automatically.

Supporting 128MB—8GB TF card

◆ Main menu
Long-time press “M” button to enter the main menu at standby condition. The screen of the main menu display as follows:
- Record Mode
Press <</>/> buttons at the main menu interface to select record mode. Press “M” button to confirm your selection. Long time repress “M” button to return to main menu. The screen of recording mode display as follows:

- One button Recording
Press 0 button in any pause or stop condition could start recording.

- One button noise reduction
In the recording mode, move up the “↑” button to turn on the noise reduction function. Turn off the function when move down the button.

- Recording pause and saving
Press 0 button start recording, press ■ button to stop recording and repress it to start again. Press 0 button, recording stops and it is saved.

- Recording monitor
Stop the recording and then press the “+” or “-” to select the volume according to your need. After finishing the adjustment, you can press 0 to start recording monitor. Listening with earphone when the recording is proceeding.

- Automatic section-break
After recording for full 3 hours, it will automatically start a new file to continue recording.

- Recording menu
Press “M” button to enter in menu mode after
you stop the recording. Pressing << or >> button to select the setting up menu:

1. Local folder: Recording file store in the internal memory.

2. Card inserting menu (Displaying after card inserting): Recording file store in the TF card.

3. Record mode: AVR Mode, Normal
   AVR level: 1-31 (Adjust the sensitivity for VAR. The numerical value is smaller; the activation of VAR will be more difficult. The “VOS” is twinkle continuously when the VAR turn on).

4. Record type: SHQ 192K: HQ 128K: SP 64K: LP 32K

5. Folder select: A, B, C. you can save the recording files separately before recording.

Press “M” button to enter in the entire above menu. Pressing << or >> button to setting parameter and repress “M” button return to main menu.

- Telephone record

![Telephone record diagram]

Connect with the telephone under the turn off condition as the picture displaying, and then turn on the recorder to start recording.

- Bluetooth mode

Press <</>> buttons at the main menu interface to select bluetooth mode. Press “M” button to confirm your selection. Long time repress “M” button to return to main menu. The screen of Bluetooth mode display as follows:

1. Bluetooth mode 2. Serial number of current file
Mobile phone Bluetooth connection:
Press "M" buttons enter in play menu. Press << or >> select "Bluetooth Setting". Press "M" buttons to confirm your selection. Press << or >> select "Bluetooth(on)", then "M" button to open the Bluetooth function, it displays connecting condition.

Turn on the Bluetooth function of your mobile phone, and then search Recorder Connect your mobile phone with Recorder. Please enter 0000 if there is any password needed on your mobile phone. Otherwise you can connect it directly. Then it will display.

Mobile phone answering and redialing
Long time presses call back, short time press answer. You can listen to opposite side’s voice with earphone. Opposite side could listen to your voice if you speaking to the recorder. Pressing the “+” or “-” to select the volume according to your need.

Mobile phone record
Press ○ button start recording during the dialogue. Press ▶ button pause recording, repress to continue recording. Pressing ○ button to stop and it is saved. The recording files will save in folder D automatically.
Attention: Press ○ button means normal recording if no message. The mobile phone recording file will be saved in file folder D.

Bluetooth menu
1. Local folder: Recording file store in the internal memory.
2. Card inserting menu (Displaying after card inserting): Recording file store in the TF card.
3. Bluetooth set; turn on or turn off the function.
4. Calling auto record: turn on or turn off the calling auto-recording function.
Voice mode
Press \(<\hspace{0.2cm} / \hspace{0.2cm} >\) buttons at the main menu interface to select voice mode. Press “M” button to confirm your selection. Long time repress “M” button to return to main menu. The screen of voice mode display as follows:


- One button Playing
In recording ceasing condition, press \(\hspace{0.2cm} >\hspace{0.2cm} \) button to play the present recordings.

- Play/Pause
Press \(\hspace{0.2cm} >\hspace{0.2cm} \) button to start playing, repress \(\hspace{0.2cm} >\hspace{0.2cm} \) to pause.

- Fast forward/backward
Press \(<\hspace{0.2cm} \) button for last file when recording is playing. Press \(\hspace{0.2cm} >\hspace{0.2cm} \) button for next one. Long time press \(<\hspace{0.2cm} \) or \(\hspace{0.2cm} >\hspace{0.2cm} \) for backward or fast forward while playing.

- Volume adjustment
Press”+” or “-“adjust the volume.

- A-B marker repeat
Press \(\) button in playing condition to confirm point “A”, then repress \(\) to confirm point “B”. The recorder starts to repeat from A to B. Press “M” or \(\hspace{0.2cm} >\hspace{0.2cm} \) button to stop repeating. The repeat will cancel automatically after three times playing.

- Play menu setting
Press “M” buttons enter in play menu. Press \(<\hspace{0.2cm} \) or \(\hspace{0.2cm} >\hspace{0.2cm} \) select setting menu.
Repeat: Repeat Folder, Repeat all, Random, Intro
Equalizer: Natural, Rock, Pop, Classic, Soft, Jazz, DBB
Press “M” button to enter in the entire above
menu. Pressing << or >> button to set parameter and repress “M” button return to main menu.

- Select/Delete
Press “M” button to enter in menu mode when stop the playing. Pressing << or >> button select setting menu:
Local folder, Card inserting menu, Delete files, Delete all (Delete all the files in a folder)
Pressing << or >> button to select “YES/NO”, then pressing “M” button to confirm your selection.

- Music Mode
Press << / >> buttons at the main menu interface to select music mode. Press “M” button to confirm your selection. Long time repress “M” button to return to main menu. The screen of music mode display as follows:

![Music Mode Screen]


The operation is the same as voice mode.

- System time
Press << / >> buttons at the main menu interface to select system time. Press “M” button to confirm your selection. The screen of system time displaying as follows:

![System Time Screen]

1. YY-MM-DD 2. Hour: Minute: Second
Press << or >> to select the part you want to adjust, the part which is selected will twinkle continuously, press “+” or “-” to adjust the time. Then press “M” button to return to main menu.
- Setting mode
  Press \(<\) / \(\rangle\) buttons at the main menu interface to select system time. Press “M” button to confirm your selection. Long time press “M” button to return to main menu.

- Backlight
  0-60: 0 is normal backlight. You can select 1 to 60 seconds. The backlight will turn off automatically according to the setting time.

- Language
  Simple Chinese, traditional Chinese, English, Japanese, Korea, French, Germany, Italy, Dutch, Portuguese, Spanish, Swedish, Czech, Derish, Poland, Russia, Turkey, Hebrew, Thai, Hungarian, Romanian, Arabic, Greek, Indonesian.

- Power off
  0--60: 0 means non auto-turn off: You can select 1 to 60 minutes. The recorder will turn off automatically according to the setting time without any further operation.

- Contrast
  0-15: adjust the contrast of screen

- Memory info

- Firmware version
  Date and edition of the Firmware

- Password set
  “0000” means there is no password needed when the recorder connect with the PC. Press \(<\) or \(\rangle\) to select the part you want to adjust, the part which is selected will twinkle continuously, press “+” or “-” to adjust the number. Then press “M” button to save and return to main menu. The recorder needs input password after the password setting.

- Auto record
  1. Record (on/off)
  2. Record cycle
     One time: record according to setting time (Press \(<\) or \(\rangle\) to select mouth, press “+” or “-” to select day)
     Every day: Record automatically every day according to setting time
     Weekly: Record automatically every week according to setting time
  Press “M” buttons enter in record cycle. Press \(<\) or \(\rangle\) button selects record cycle. Press
“M” buttons to confirm your selection. Press ▶ button returns to main menu.

3. Record time
Select start time and end time
Press ◀ or ▶ to select the part you want to adjust, the part which is selected will twinkle continuously, press “+” or “-” to adjust the time. Then press “M” button to return to main menu.

Time reservation function is available under the soft shutdown condition or the standby condition. Please insure the power is enough and do not turn the switch off.

- **Reset System**
  Recovery all the system parameter the same as the original factory standard.

- **Exit**
  Return to main menu.

- **Connect with computer**
  The recorder can use as USB flash disk. It support Windows2000/XP/Vista/7 system. No need to install the driver.

Press the right mouth button on the popping icon when you finish the operation.
Please follow the prompt of the computer

- **Charge**
Insert the charger into the power socket, then the voice recorder will charge when it connected with charger or computer via USB cable. The identification of power on the screen will twinkle, and it will stop twinkle when the battery is full. It will takes about 3-4 hours when charging via computer and about 2-3 hours by the charger. it will stop charging automatically when the battery is full.

**Attention:** please turn on the power switch before charging. Then the computer could distinguish the electric quantity exactly.
## Problems and Solutions

<table>
<thead>
<tr>
<th>Problem</th>
<th>Reasons</th>
<th>Solutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>The recorder can not turn on</td>
<td>The battery doesn’t have enough power.</td>
<td>Please charging immediately</td>
</tr>
<tr>
<td>Unable to record</td>
<td>The battery doesn’t have enough power.</td>
<td>Please charging immediately</td>
</tr>
<tr>
<td></td>
<td>The number of files is full</td>
<td>Delete some files</td>
</tr>
<tr>
<td>The recording file is frozen</td>
<td>The recording time is less than one second.</td>
<td>Make sure effective recording time</td>
</tr>
<tr>
<td></td>
<td>The recording file is broken</td>
<td>Delete the broken recording file</td>
</tr>
<tr>
<td>No sound when playing files</td>
<td>The battery doesn’t have enough power.</td>
<td>Please charging immediately</td>
</tr>
<tr>
<td></td>
<td>Check whether the earphone is attached.</td>
<td>Remove the earphone</td>
</tr>
<tr>
<td></td>
<td>Whether the volume is adjust to the lowest.</td>
<td>Adjust the volume</td>
</tr>
<tr>
<td>No sound for the earphone</td>
<td>Check whether the earphone is correctly connected.</td>
<td>Make sure the earphone is correctly connected.</td>
</tr>
<tr>
<td></td>
<td>Whether the volume is adjust to the lowest.</td>
<td>Adjust the volume</td>
</tr>
</tbody>
</table>

## Technical Specification

<table>
<thead>
<tr>
<th></th>
<th>Size: 93mm<em>31mm</em>14mm</th>
<th>Weight: 68g/38g (optional)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power</td>
<td>Polymer battery 3.7V 380mAh</td>
<td>Normal Recording</td>
</tr>
<tr>
<td>Time</td>
<td>About 15 hours</td>
<td></td>
</tr>
<tr>
<td>Flash memory</td>
<td>2GB ~ 8GB</td>
<td></td>
</tr>
<tr>
<td>TF card capacity</td>
<td>128MB ~ 8GB</td>
<td></td>
</tr>
<tr>
<td>Sampling rate</td>
<td>LP 32Kbps/SP 64Kbps/HQ 128Kbps/SHQ 192Kbps</td>
<td></td>
</tr>
<tr>
<td>2GB</td>
<td>LP 140 hours/SP 70 hours/HQ 35 hours/SHQ 23 hours</td>
<td></td>
</tr>
<tr>
<td>4GB</td>
<td>LP 283 hours/SP 141 hours/HQ 70 hours/SHQ 47 hours</td>
<td></td>
</tr>
<tr>
<td>8GB</td>
<td>LP 555 hours/SP 277 hours/HQ 138 hours/SHQ 92 hours</td>
<td></td>
</tr>
<tr>
<td>Supporting system</td>
<td>Windows 2000/XP/Vista/7</td>
<td></td>
</tr>
<tr>
<td>Music format</td>
<td>MP3  WMA</td>
<td></td>
</tr>
<tr>
<td>Record format</td>
<td>MP3</td>
<td></td>
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</tbody>
</table>