DSP N3 Microphone Mobile User Manual

DSP N3 Microphone Mobile
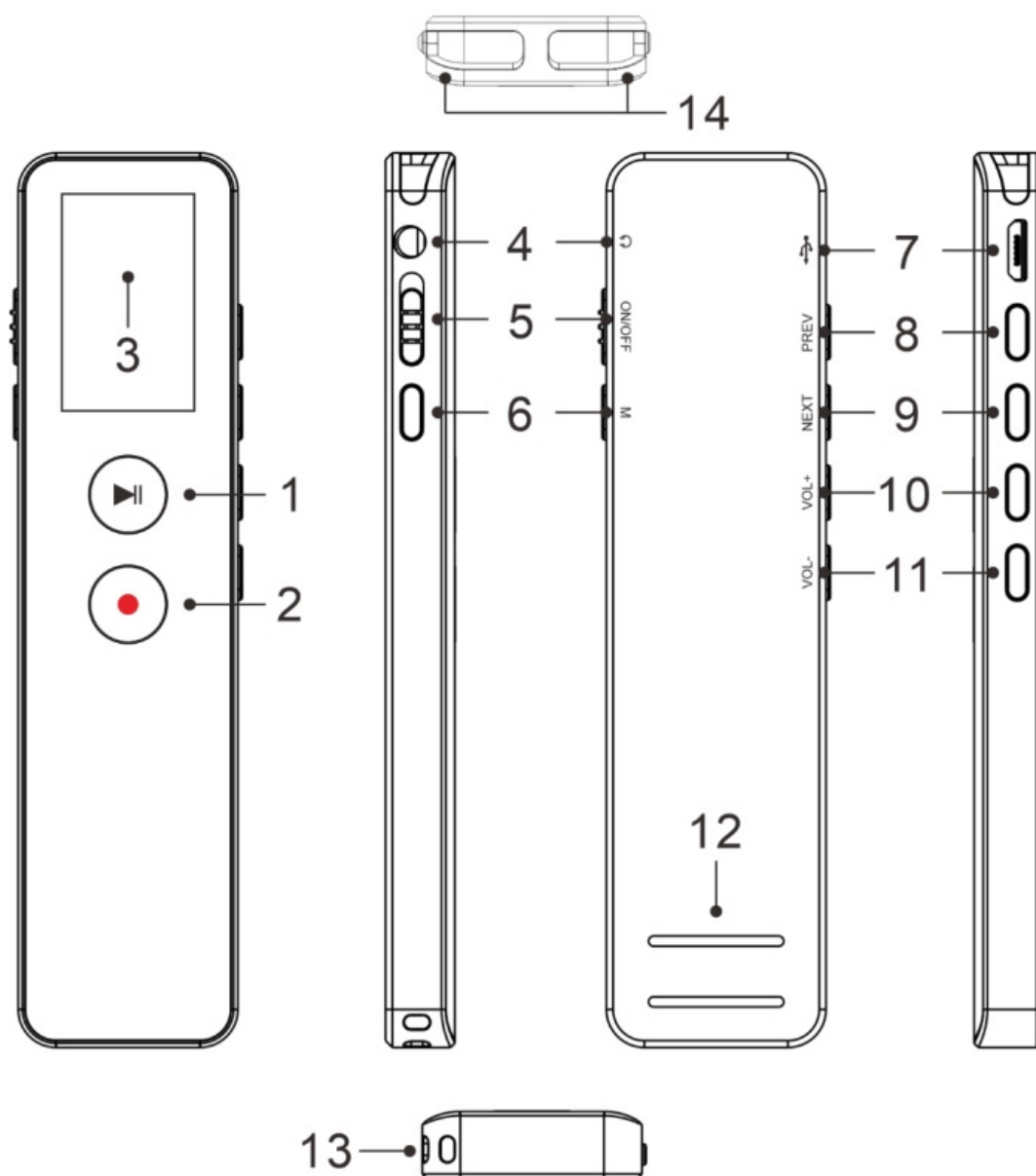User Manual

preface

Thank you for purchasing this product, please read this manual carefully before you start using this product.

In order to continuously improve the quality of the product, the product specifications and accessories are subject to change without
notice, so the product and accessories may not be consistent with the contents of the manual, please refer to the actual product. Thank you for your understanding!

Disclaimer: Please be sure to back up the data during the use of the user, the company is not responsible for the loss and damage of personal data caused by the misoperation of software and hardware, product maintenance, replacement or other unexpected circumstances, nor is it responsible for other indirect losses caused thereby, let alone any legal and compensation disputes arising from the use of this product.

Outline and button function operation instructions

1. Play/pause keys:

   (1) Press this key in standby to play music/recording or pause music/recording

   (2) When the power switch is turned on, press this key to turn the machine on or off

2. Record/Save key: Long press 2 seconds to start recording, and then long press again for 2 seconds to save

the recording

3. display screen

4. Headphone jack: Plugs into the headphones to listen to the contents of the machine

5. Power on key: Dial up to turn on, down to turn off

6. M key: Press back with a short press, and press and hold at the specified position to bring up the secondary menu or delete a file

7. USB port: can be connected to the computer and charging

8. Previous/rewind: Press short press to toggle music/record to the previous track, and press and hold to rewind

9. Next song/fast forward key: short press to switch music/record to the next song, long press fast forward

10. Volume + key: Press this key to increase the volume

11. Volume — Key: Press this key to decrease the volume

12. horn

13. Lanyard holes

14. Microphone

Key action definition

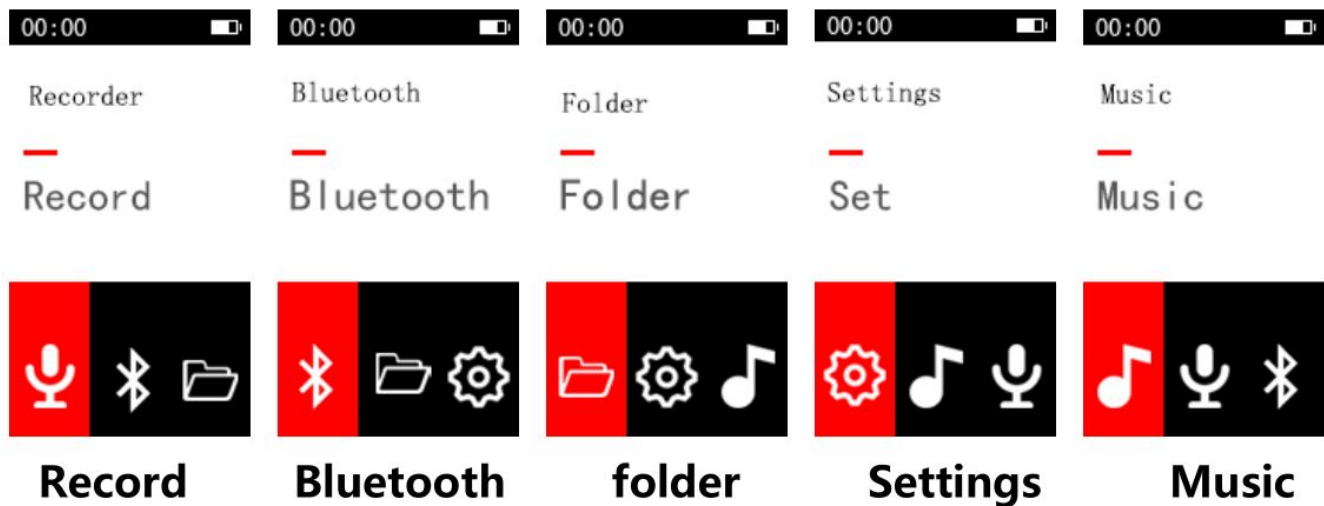| action	Basic operation
Short press	The key time is less than 1 second
Long press	Key pressing time is greater than 1. 5 seconds
Hold	Hold down the key and save this state all the time

Note: Nothing in this manual refers to short presses unless otherwise specified.

Switch on and off

1. Flip the power switch up to power on and down to turn off the power supply

2. When the power switch is on, press and hold the play/pause key to turn the system on or off

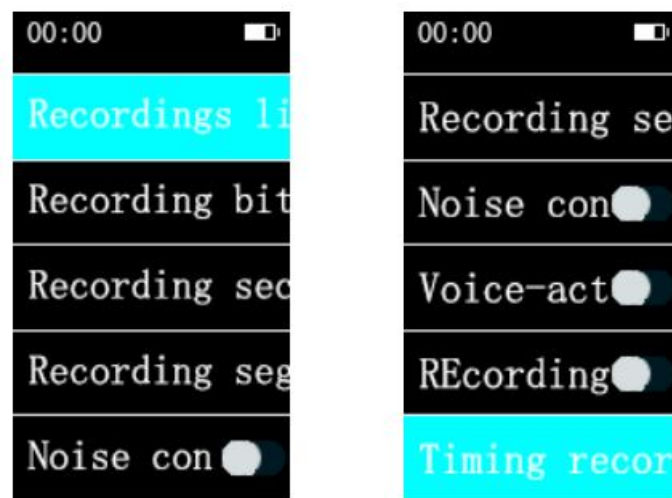**Note: This feature does not work when the player is connected to or charging the PC.**

Main interface

| 00:00 | Recorder | 00:00 | Bluetooth | 00:00 | Folder | 00:00 | Settings | 00:00 | Music |

Record **Bluetooth** **folder** **Settings** **Music**

After booting the system automatically enter the main interface, if not in the main interface, you can continuously press the **M key** to return to the main interface. The main interface contains five major items: "**Recording**", "Bluetooth", "Folder", "Settings", and "**Music**", press Previous **Song** or **Next song** key toggles each function, press the Play/**Pause** key to confirm access to each function

recording

1. Select **Record** on the main interface, press the Play / **Pause** key to enter the menu item, as shown below:

Operation instructions: Press the **Previous or Next Songs** key to switch up and down, press the **Play/Pause** key to select, press the **M** key to return to the previous level.

1. Recording Library: A list of recording files that can be browsed and selected for playback by selecting the recorded files, and prompting "No recordings found" if the voice files have not been recorded.
2. **Recording bitrate:** Select "512kbps", "1536kbps", "3072" kbps" The recording bitrate is displayed on the top of the screen while recording.
3. **Recording scene:** You can select "Close", "Interview", "Meeting", **"Station", "Teaching".**
4. **Recording segments:** You can set "Off", "**30** minutes", "**60** minutes", "1 **20 minutes**". When recording for a long time, when the set time is reached, a file will be saved and a new file will be automatically generated to continue recording. If you choose to turn off, a new file is still saved and automatically generated when a single recording file reaches 2 hours to continue recording.

5. **Noise reduction switch: turn noise reduction on and off, when noise** reduction is turned on, there will be a

 noise reduction flag on the screen when recording

6. **Voice Recording:** Turn voice recording on and off, turn on the status, and display on the screen while

 recording . Off status and displayed on the screen while recording

7. **Recording monitoring:** When the monitoring is turned on, plug in the headphones to hear the recording content in real time.

8. Timed recording: Select "Timed recording" to set **on/off**, "Start Time",

 "End Time", "Fixed" **Time Period".**

Start Time: Set the time to start recording, use the upper and lower key to tune the number, the volume key to switch the time minute, press the play key to confirm and save, press the M key to return to the settings without saving.

End time: Set the time to end recording, use the upper and lower tune keys to tune the number, the volume key to switch the minutes, press the play key to confirm and save, press the M key to return to the setting without saving.

Timing period: You can set "Single", **"Daily", "Working Day".**

Single: The setting only takes effect once, and the timed recording is turned off after execution.
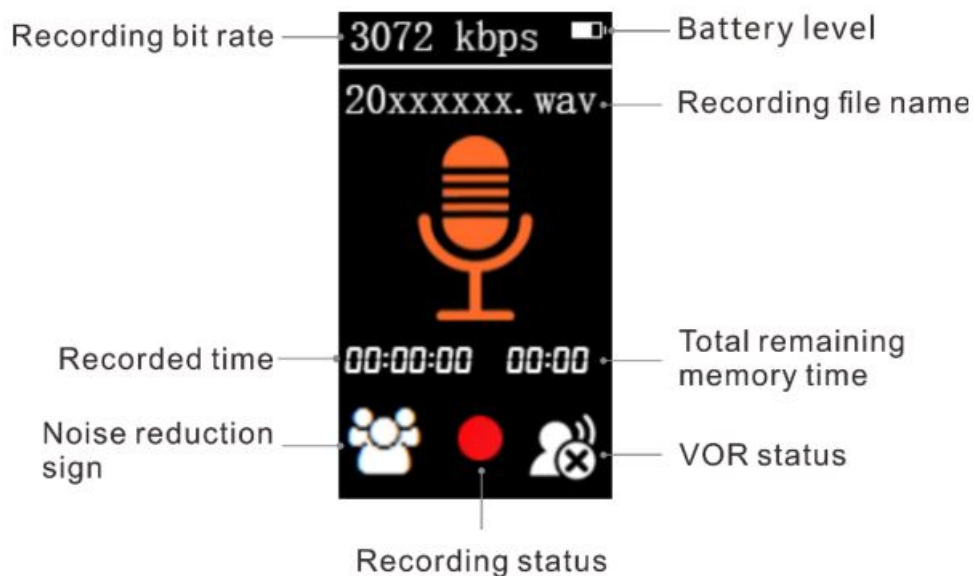
Daily: Recording starts automatically every day at the set time.

Weekdays: Recording starts automatically from Monday to Friday to the set time, and does not record on Saturdays and Sundays.

Note: (1) Before enabling timed recording, please go to the settings to adjust the machine time and date accurately. See the Settings section below.

(2) After enabling timed recording, ensure that the machine power switch cannot be turned off and the power is sufficient,
otherwise the recording will not be automatically turned on or the set time cannot be recorded.

Start Recording: In the power on state, any interface long press the **Record/Save** key for 2 seconds will start recording. The interface and description in the recording are as follows:
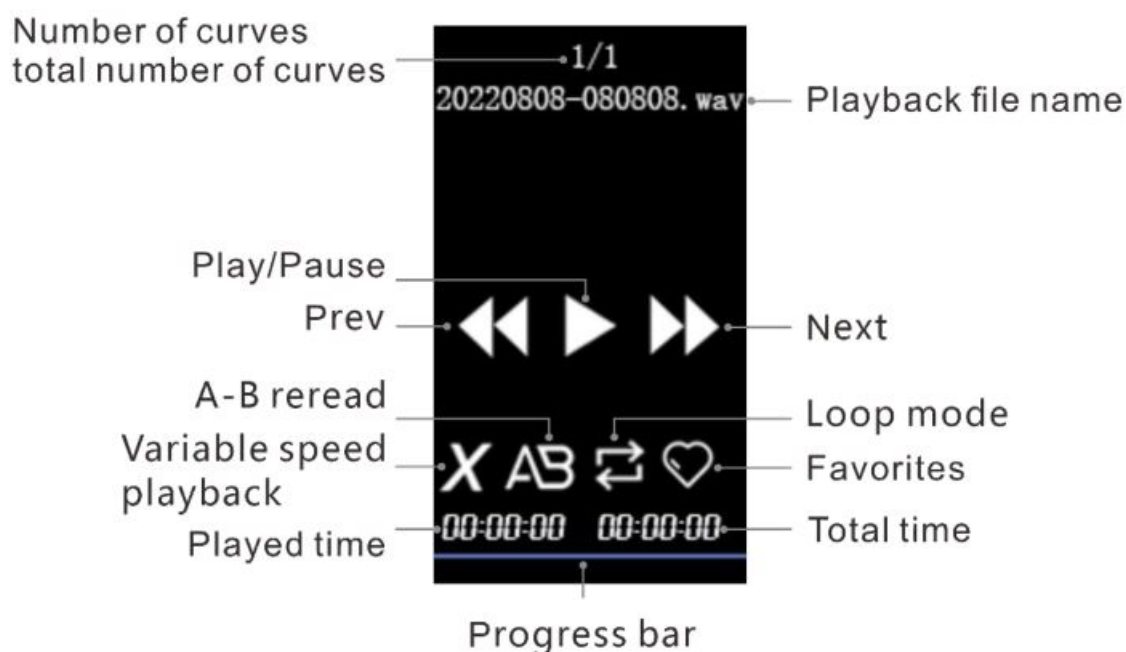
Recording bit rate — 3072 kbps — Battery level

20xxxxxx. wav — Recording file name

Recorded time — 00:00:00 00:00 — Total remaining memory time

Noise reduction sign — — VOR status

Recording status

Pause recording: Press the **Play/Pause** key repeatedly during recording to pause the recording or resume recording.

Save Recording: When the recording is finished, press and hold the **Record/Save** key again for 2 seconds to save the recording, and enter the file list after saving.

Note: (1) During the recording **process, when the power is low,** the **system will automatically save the recording and shut down.**
(2) When the disk is full, the system will prompt "SD card is full, unable to build data, please free up some space".

Play Recording: After saving the recording, press the Play/Pause key directly on the file list to play the recording, and press the **Play/Pause** key repeatedly to pause or resume playback. The playback interface and description are as follows:

Number of curves total number of curves — 1/1

20220808–080808. wav — Playback file name

Play/Pause

Prev — — Next

A-B reread — — Loop mode

Variable speed playback — — Favorites

Played time — 00:00:00 00:00:00 — Total time

Progress bar

On **this interface**, press the **Play/Pause** key to control the recording playback and pause, press **Previous or Next to** switch songs, long press **Previous track** or **Next track** to fast-forward and rewind, press Volume **+** or **Volume** – to adjust the volume size, repeat the short **press M** key to return to the previous level or the main

interface. In the playback interface, press and hold the **M** key to bring up the playback settings menu, as shown in the following figure:
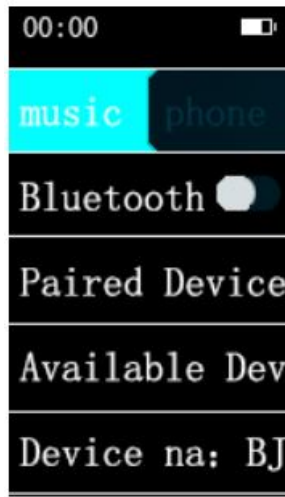

Operation instructions: Press the **Previous or Next Songs** key to switch up and down, press the **Play/Pause** key to select, press the **M** key to return to the previous level.

1. **Back to Home: Return to the main interface**
2. **Variable Speed Playback:** Speed up or slow down playback, adjust from 9 to minus 9, default 0. After setting the speed change, the speed level will be displayed on the playback interface, as shown in the figure:
3. **Loop mode: repeat** all , shuffle , single loop .
4. **Bookmark options: You** can bookmark the progress of the content that is now playing, and the next time you start playing from the bookmark position. After setting the bookmark, the selected bookmark can be deleted by pressing the M key long press.
5. **Add to favorite:** Add your favorite songs to "Favorites", and then you can enter from the "Favorites" menu to play the songs you like to hear, and there will be a red heart icon on the playback interface of the added songs .
6. **Equalizer: Set "Normal", "Pop", "Rock", "Jazz", "Classic",** "Dance", "Country".
7. **A-B re-reading:** In the playback interface, short press the "Record/Save" key to set point A, when setting point A, the white icon on the screen turns blue, play to the position where you need to end in the short press " Record/Save" key, set point B, after setting point B, the blue icon on the screen turns green and the machine will loop before A-B , press the "Record/Save" key again to exit the rereading, and toggle the upper and lower songs will also exit the rereading.
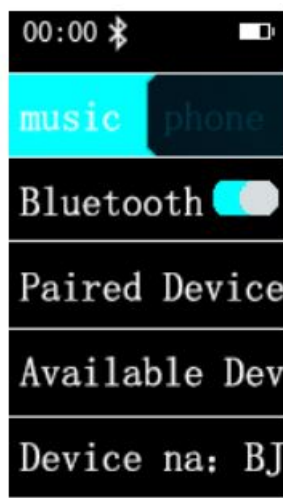
Bluetooth

Select **Bluetooth** main interface, press Play/Pause key to enter, you can switch **music mode/call mode,** select the first row, press the "Play/Pause" key to cycle through.
Music mode: You can use this machine to search for Bluetooth headphones or Bluetooth speakers to connect, connect to the local player, use Bluetooth headphones or Bluetooth speakers to listen, as shown below:

Music mode

Bluetooth is turned on

Bluetooth: Turn Bluetooth on or off, after turning Bluetooth on, the white Bluetooth logo on the screen flashes when there is no device connected.

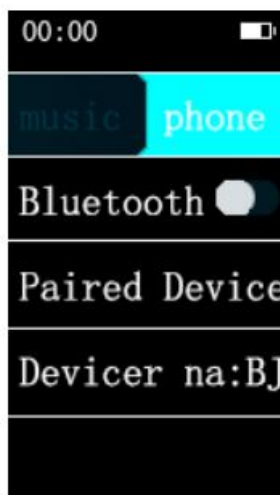**Paired devices:** Paired devices are remembered in the list.

Available devices: Enter this item, select the search device, press the "play/pause" key will display the searched devices in the following list, use the up and down curve keys to select the device that needs to be connected, press the "play/pause" key to confirm the connection, and the Bluetooth icon on the screen will turn blue after the

connection is successful , the connected device will automatically connect in the future. As shown in the following figure:

Device Name: Displays the native Bluetooth name.

Call mode: the machine and the mobile phone to connect, after the successful connection, all the calls on the mobile phone (including phone calls, WeChat voice calls, Q **Q voice calls, and foreign instant messaging software) The machine will automatically record,** the call **sound is released from** the machine, please speak to the machine, **the machine can leave the phone You can talk normally at about 5 meters.**

Call mode

Bluetooth is on

Bluetooth: Turn Bluetooth on or off, after turning Bluetooth on, the white Bluetooth logo on the screen flashes when there is no device connected.

After opening Bluetooth, use the phone to search for the unit, find the same name as the name of the device shown above, click on the phone to connect, after the conn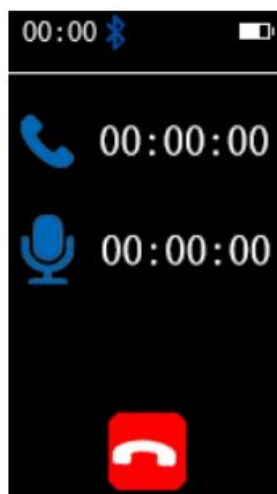ection is successful, the Bluetooth icon on the local screen will turn blue , and the connected device will automatically connect later. As shown in the following figure: .

Paired devices: Paired devices are remembered in the list.

Device Name: Displays the native Bluetooth name…

Call recording method: In the state of the machine being turned on and connected to the mobile phone, as long as there is a call operation on the mobile phone, the machine automatically starts recording, no other operation is required.

The call recording interface is as follows:

 00:00:00 Displays the talk time, and the call is timed at the beginning

 00:00:00 is recording, the back shows the recorded time, start recording after switching, short press "Record/Save" key will save the current recording and stop recording

 00:00:00 Stop recording state, the call in this state will not be recorded, a short press of the "Record/Save" key to restart the recording

 To end a call, you can press the "Play/Pause" key to end the current call

Note: When the call is not connected during the dialing process, it is normal to show Stop Recording, and the recording will automatically start when the call is connected and start talking.

folder
Select **Folder** on the main interface, press the **Play/Pause** key to enter, browse the file, select the file for play or delete, after entering the following figure:

record: This is the recording folder, check the "play/pause" key to enter and you can see the recording files in the machine.

The music files are displayed below the r ecord.
Play file: Use the up and down keys to select Chinese and press "Play/Pause" to play it.
Delete Files: Use the Scroll Up and Down keys to select Chinese, and press and hold the M key to delete the selected files.

Set up

Select the **Settings** main interface, press the **Play/Pause** key to enter the list of settings main menu, the interface is displayed as follows:
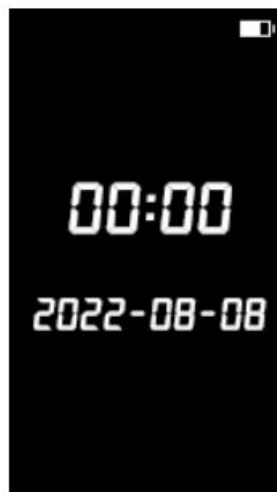
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1. **Languages**: Supported languages include: Chinese Simplified, Chinese Traditional, English, Japanese, Korean, French, German Chinese, Italian, Dutch, Portuguese, Spanish, Swedish, Czech, Danish, Polish, Russian, Turkish, Hungarian, Romanian, Arabic, Hebrew, Thai, Indonesian, Greek.

2. **Time and date:** Displays Set **Date, Set Time**, when selected. **Set the date**: After entering, use the upper and lower song keys to adjust the numbers, use the volume keys to switch the year, month and day, and press the "Play/Pause" key to confirm and save the settings when the adjustment is complete.
   Set time: After entering, use the upper and lower song keys to adjust the number, use the volume keys to switch minutes and seconds, adjust the completion press the play/pause key to confirm and save the settings.

3. **Brightness: Adjust the screen brightness, use the upper and lower** curves to select 1 0-100% brightness, each file difference of 10%, realtime feedback brightness when adjusting, press the "Play/Pause" key to confirm and save the settings, press the M key to return directly without saving the settings.

4. **Message screen settings:** Select "Screen Bright", "Screen Saver", "Set Screen Time", **"Screen Saver Time" is displayed.**
   Screen Solid Light: Turn this on, the screen will not be extinguished, and the screen time set later is invalid.
   Screensaver: Open this item, when you reach the set "screensaver time" do not operate the machine, the display saver, the screensaver shows the time and date, as shown in the following figure:

Set the screen time: set how long to not operate the machine, automatically turn off the screen to save power, use the upper

and lower curve selection, the range is 1 0-100 seconds, the step size is 10 seconds, press the "play/pause" key to confirm and save the settings, press the M key to return directly without saving the settings.

Screensaver time: set how long not to operate the machine, automatic display protection, use the upper and lower curve selection, the range is 1 0-100 seconds, the step size is 10 seconds, press the "play/pause" key to confirm and save the settings, press the M key to return directly without saving the settings.

Note: Set the screen saver time not **to be greater than the screen time, otherwise you will not see the screen saver after the screen is changed.**

Idle shutdown: Select "Idle Shutdown" **and "Set Idle Shutdown Time"** to display.

Idle shutdown: When this key is turned on, the machine is not operated within the set time, and the machine is automatically shut down, and the system is not automatically shut down when this item is turned off.

Set the idle shutdown time: Use the upper and lower curve selection, the range is 1-60 minutes, the step size is 1 minute, press the "play/pause" key to confirm and save the settings, press the M key to return directly without saving the settings.

5. **Info**: Displays device information including "Version", "Total Capacity", "Available Capacity".

6. **Factory settings:** After selection, prompt **"Factory reset?"** , Yes or **No**, select **Yes**, the machine automatically reboots, then use the up and down keys to select the language, press the "Play/Pause" key to confirm before entering the home page.

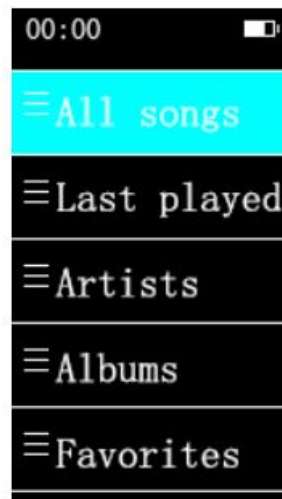7. **Power-on password:** Select "Power-on password", "Change password" is displayed.

Power-on password: Open this item, you need to enter the password when booting, enter the correct password and press the "Play/Pause" key to confirm it to enter the home page.

Change the password: the password is a total of 4 digits, use the upper and lower curve keys to select the number, press the "play/pause" key to enter the number, enough 4 digits and then press the play key to confirm and save.

Note: Keep in mind the password you set. If you forget your password, you can use the super password to enter, set the password code to "9999", press the play button to directly enter the home page.
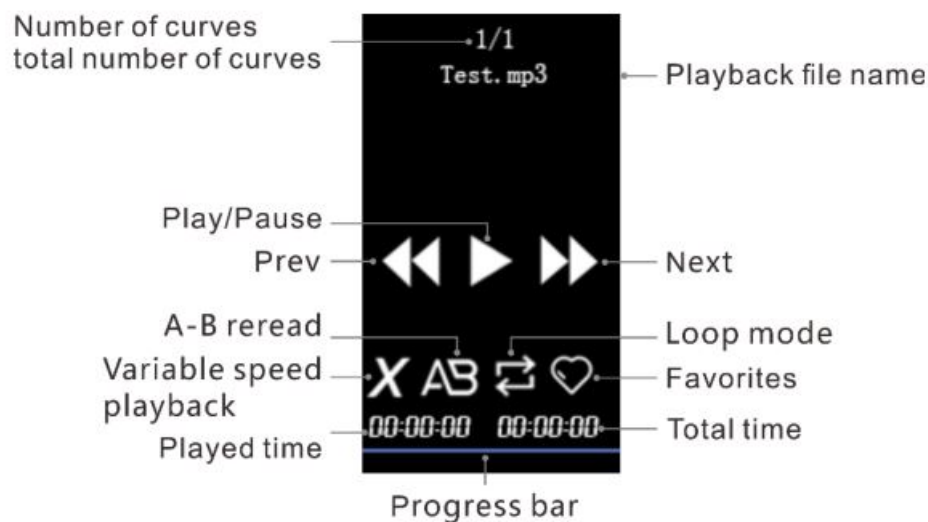
Music

Select the **Music** main interface, press the **Play/Pause** key to enter the music main menu list, the interface is displayed as following figure:

Operation instructions: Press the **Previous or Next Track** key to switch up and down, press the **Play/Pause** key to select the menu, press the **M** key to return to the previous level.

1. **All songs:** After selection, go to the song list, use the " **Previous**" or "**Next**" key in the list to select the song you want to play, press the "**Play/Pause"** key to play.
2. **Last played:**
3. **Artist: Classify songs** by singer and play only the songs of the selected artists.
4. **Album: Classifies songs** by album and plays only the songs of the selected album.
5. Favorites: **Songs** I've added to Favorites.

Music playback interface and description:

On **this interface**, press the Play/**Pause** key to control music playback and pause, press **Previous or Next to** toggle songs, long press **Previous track** or **Next track** to fast-forward and rewind, press Volume + or **Volume** – to adjust the volume size, repeat the short **press M** key to return to the previous level or the main interface.

Note: Due to background playback, the playback will not pause when returning to other interfaces during playback

In the playback interface, long press the **M** key, you can call up the playback settings menu, the operation and function and recording

playback are the same, please refer to the above introduction.

Connect to the computer: Using the U SB cable and the computer connection, you can select "Transfer Files" and "**Charge Only**", if you do not select the machine to automatically select "**Transfer Files**" to enter U within 5 seconds SB mode.

Select **Transfer File**: The machine automatically interrupts the current state, the screen shows USB, the computer displays a removable disk, data can be transferred to the machine, the machine cannot be operated, and the charge will still be in this mode. As shown in the following figure:

Select **Charge only**: No removable disks appear on the PC, the machine does not interrupt the current state and is operational.

Connect the charger to charge: Using the USB cable and the charger connection, the machine automatically turns on and charges, the machine can be operated during charging, and the recording or playback can be supported while charging.

Charger specifications: output DC5V 300mA-1A, can not use a charger with a voltage higher than 5V.

Charging status: During the charging process, the green power signal in the upper right corner runs out of the loop, stops jumping when full, and the battery shows a green full power icon.

Specifications

Dimensions	106.5*27*8. 5MM	weight	
display screen	Resolution 135*240 TFT color display		
USB interface	Micro USB	Wireless transmission mode	Bluetooth
Bluetooth version	5.0	Transmission distance	About 10 meters
memory	16G、32G、64G、128G		
battery	3.7V/250mAh		
Music format	Support MP3, WMA, FLAC, APE		
Recording format	WAV format: 512kbps/1536kbps/3072kbps		
horn	8 ohm 1 watt double magnetic horn		
Headphone output	Maximum output	10mW+10mW(32Ohm)	
	Frequency response	20Hz to 20KHz	
	Signal-to-noise ratio	>80dB	
	Distortion	0.05%	
Operating temperature	-5 to 40 degrees Celsius		
Language display	Support multi-Chinese		
Supported operating systems	Windows XP and above operating systems, Android 4.0 and above		

FCC Warning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does

cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1)This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.

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Documents / Resources

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