SX MP3 Digital Audio Player (USB 2.0)

User Guide

Version 1.3

Shiro

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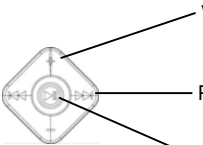
Notice

1. If the player is not used for a long duration, please remove the battery to avoid battery leakage.
2. Unlock the lock switch before using the player.
3. Under normal volume condition, the player can last up to 8 hours on a single AAA battery. Please take note this battery lifespan will vary depending on the condition & manufacturer of the battery. Please replace the battery when the battery icon is or the unit turns off and cannot be powered up at all.

Operation Buttons



HOLD Button

Insert the SD/MMC Card according to the orientation shown

Connect the USB cable from here to the Computer USB port

Package Includes

Installation CD, USB Cable, Earphone, User Guide, AAA Battery, Line-In Cable

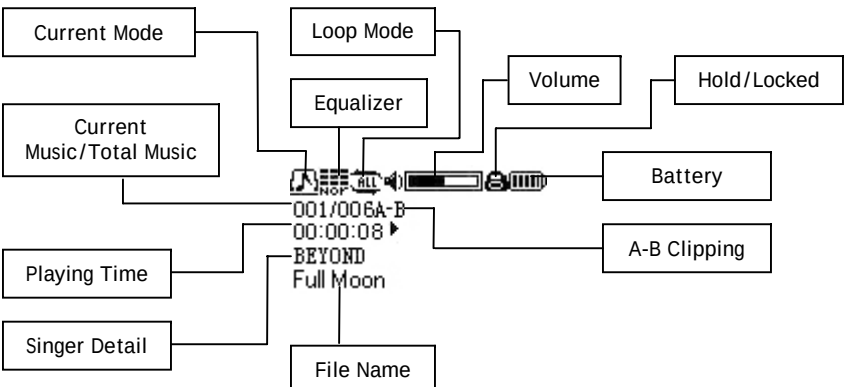
Power On & Off

To power on the player, press **Play/Pause**.
To power off the player, press and hold **Play/Pause**.

Minimum System Requirements

Operating System: Windows 98® /98SE/ME/2000/XP or Macintosh™ OS 10.x
Hardware: 20MB of free disk space, 4x CD-ROM or higher, USB port

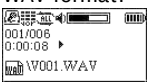
LCD Information



The loop mode includes Normal, Repeat Track, Repeat All, Shuffle, Shuffle Repeat mode.

Menu Functions

1. Press **Menu** to go to the mode you need.
2. You can select **Music, Voice, FM Tuner, Setting, Delete File, Information, Record, Language Setting (Optional) and Return.**
3. You can choose by pressing the **Left/Right**. To enter, press **Menu**.
4. Choose **Music** to enjoy your MP3/WMA/WAV songs.
5. Choose **Voice** to record voice (press and hold the **A-B**) or listen to your recorded audio file in WAV format.



6. Choose **FM Tuner** to enter radio mode.
7. Choose **Record** to enter recording mode.
8. Choose **Setting** to enter player configuration menu. You can set **EQ, Repeat Mode, Auto Off, Recording Settings or Return to Main Menu.** Navigate different configuration using the **Left/Right**.
9. Choose **Delete File** to enter delete mode. You can delete music or audio files.
10. Click **Information** to enter the player information interface. You can know the available and total memory storage available.

Music Operation

1. Press **Play/Pause** will either play or pause the song.
2. Press **Left/Right** (FF/REW) to choose next or previous song.
3. Press **VOL+** or **VOL-** to adjust volume.
4. Press and hold the **Left/Right** (REW/FF) to fast forward or rewind.

Voice Operation

Check that you have set the Source to Voice under **Setting > Record Setting**. There are **2 ways** to begin recording.

1. Press and hold **A-B** for about 2 seconds while in **Music** mode to start recording. Press **Play/Pause** to stop recording. The player will return to **Voice** mode and you can play the recorded file.
2. Recording from the Main Menu.
   a. Navigate to **Record** mode and it will start recording.
   b. Press **Play/Pause** to end recording. It will go to **Voice** mode for listening the audio file.

Playing Recorded File

1. From Main Menu, navigate to **Voice (WAV) / Music (MP3)** mode.
2. To play or stop the audio file, press **Play/Pause**.
3. If there is no recorded audio files you will see **No Files.**
4. To go back to Main Menu, press **Menu**.

Recording Setting

You can choose **3 ways** of recording Microphone, FM Tuner or Line-In using the cable provided.

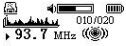
1. Press **Left/Right** to navigate to **Setting** mode. Press **Menu** to enter.

2. Press **Left/Right** to navigate to **Rec Setting** mode.
3. Press **Menu** to enter **Rec Setting Menu.**
4. You can set **Source, Encoding Format, Quality of Recording, Storage or Exit Menu.** Press **Left/Right** to navigate across these items. Press **Menu** to change to different mode.
   Source item is used to set the recording source. You can select Microphone/FM/Line-In.
   Encoder item is used to set the format of the recorded file in WAV or MP3 only.
   Quality item is used to set the quality of recording. There are 3 selections, HIGH, MIDDLE or LOW. The higher quality will also consume more space.
   Storage allows you to select recording on internal memory or SD/MMC card.

FM Operation

Adjusting and Saving Frequency

1. From Main Menu, navigate to **FM** mode.
2. You will enter Preset mode. This mode has 20 fixed channel. When you first enter FM mode, the player will automatically search for the channel that is available for listening. When that is done, you can navigate to different channel using **Left/Right**.



3. Press the **Menu** to enter Manual mode. The graph becomes waveform.
4. Under Manual mode, you can adjust manually with **Left/Right**. Pressing once will change 0.1MHz. Press and hold **Left/Right** will search faster. To save the frequency you have adjusted, press **A-B** twice and **Menu** to save.
5. Press and hold **Menu** to quit FM mode and return to Voice (WAV) / Music (MP3) Mode.

Deleting File

1. From Main Menu, navigate to **Delete** mode.
2. Choose Music, you will be able to delete files under **Music** mode. This applies for **Voice**.
3. If you do not want to delete the current file, you can choose No by using **Left/Right**. Press **Menu**. If you want to delete the file, choose **Yes** option follow by **Menu**.
4. After file deletion is successful, the player will go back to the **Delete** mode automatically, you can continue to delete the remaining files.
5. To quit, press and hold **Menu**.

Setting Equalizer

1. From Main Menu, navigate to **Setting > EQ** mode.
2. Choose **Normal, Rock, Jazz, Classical or Pop** equalizer by pressing **Menu**.

Note: While listening music, you can also press **EQ** on the player to change the equalizer directly.

Setting Repeat Mode

Navigate to **Setting > Repeat** mode. Below are the descriptions.

Repeat Track: The current played music will loop continuously.
Repeat All: All music files will play sequentially and continuously.
Shuffle: Play music files randomly once.
Normal: All music files will play sequentially once.
Shuffle Repeat: All music files will play randomly and continuously.

Setting A-B Clipping

1. While the music or audio file is playing, press **A-B** once to set the start point **A.**
2. Press **A-B** again to start repeating the repeated portion continuously.
3. While repeating A-B portion, you can press **A-B** or **Left/Right** exit this mode.

Firmware Upgrade

1. Click on Start > Programs > Sigmatel MSCN > Firmware Download. You must ensure the player has been connected to the computer USB port.
2. You may download the firmware file from www.shirocorp.com or Installation CD.
3. Click **Start** to start upgrading.
4. Once upgrading has been done successfully, the utility will display the message.

Connecting Player to Computer

1. Connect the USB port of the player to the computer using the USB cable provided.
2. **Please take note if you are using Windows® 98 Second Edition, YOU MUST INSTALL THE DRIVER PROVIDED IN THE INSTALLATION CD-ROM.** For user using Windows® Millenium/2000/XP, your computer will install the driver automatically.
3. You will be able to locate the player under **My Computer > Removable Disk.** There are 2 removable disks, one is the internal memory and the other is SD/MMC.
4. Double-click on it to open. You can drag and drop your music files here.

Troubleshooting Guide

1. I press **Play/Pause** but there is no reaction from the player. It will not power up.

Answer: Please replace the battery then try again.

2. My player can power up but it shows 'LOCKED' and powers off.
Answer: Press **HOLD** switch to unlock it.

3. What is the maximum SD/MMC Card size I can use for this MP3 Player?
Answer: The maximum SD Card tested is 1GB. For MMC is 512MB.

4. How do I record using Line-In?
Answer: Connect the Line-In cable to any audio source. Refer to **Recording Setting** to setup the record format and quality. Once done, go to **Main Menu > Record** to start recording.

Technical Specifications

Built-In Memory	Up to 2GB (Support up to 1GB SD/ 512MB MMC Card)
Battery	1xAAA Alkaline or Ni-MH
LCD Resolution	128x64 pixels
Signal/Noise	>75dB
Earphone output	10mW+10mW
Music Format	MP3, WMA, WAV
Record Format	MP3, PCM WAV
USB	2.0 (Up to 480Mbps)

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