

TREKSTOR™

USB-MusicStick 100



Inhaltsverzeichnis

1	Introduction	1
1.1	Preface	1
1.2	Features	1
1.3	Specifications	1
1.4	Minimum System Requirement	2
1.5	Driver Installation	2
1.5.1	Installation Procedure for Windows 98 / 98SE	2
1.5.2	Installation Procedure for Windows ME / 2000 / XP	2
2	Getting started	3
2.1	Product Illustration:	3
2.1.1	LCD screen	3
2.2	Operation	3
2.2.1	Play Menu	3
2.2.2	Repeat Mode	4
2.2.3	Equalizer	4
2.2.4	Tempo Rate	4
2.2.5	Replay	4
2.2.6	Replay Time	5
2.2.7	Replay Gap	5
2.2.8	Lyric Display	5
2.3	Menu	6
2.3.1	Record Mode	6
2.3.2	Voice Mode	7
2.3.3	Phone Book	8
2.3.4	System Setting	8
2.3.5	Other Settings	11
A	Important Notice	15
A.1	Trouble Shooting	15
A.2	Precautions	16
A.3	Safety precautions	16
A.4	Trademark Acknowledgment	17
A.5	Liability	17
A.6	Copyright	17
B	Warranty and service	19
B.1	Warranty Conditions	19

1 Introduction

1.1 Preface

Thank you for using the USB-MusicStick 100 . This User's Manual provides detailed instructions and illustrations to help you enjoy your new player. To ensure proper operation, please read the manual carefully.

1.2 Features

- Support MP3 and WMA Audio Files
- Equalizer with 7 Presets
- Selectable Play Modes
- 7 Colors LCD Display
- One Touch Recording Button
- Support Multiple Music Folders
- Support Public/Security Partitions
- Bootable in Win98/SE/ME

1.3 Specifications

- Music Format : MP3, WMA
- Bit Rate : 8K bps - 320K bps
- Equalizer : Natural/ Rock/ Pop/ Classic/ Soft/ Jazz/ Bass
- Play Mode : Normal/ Folder/ Repeat One/ Repeat All/ Repeat from Folder/ Random/ Intro
- Voice Recording : 10 hours on 128MB of high quality voice recording
- Display : 7 colors LCD PC
- Interface : USB 1.1
- Power Supply : Single AAA alkaline battery for 10 hours continuous playtime
- Earphone : Stereo headphones
- Signal to Noise Ratio : > 85dB
- Power Output : 5mW + 5mW
- Frequency Range : 20Hz - 20KHz
- Dimensions : 100mm (L) × 35mm (W) × 22mm (H)

- Weight : 40g (without battery)
- Language : Multi-Language
- Operating System : Win98/98SE/ME/2000/XP/Mac OS 8.6+

All specifications are subject to change without notice.

1.4 Minimum System Requirement

Windows 98/ 98SE, Windows ME, Windows 2000 and Windows XP One available USB Port CD ROM drive required for driver installation (Windows 98/ 98SE only)

1.5 Driver Installation

1.5.1 Installation Procedure for Windows 98 / 98SE

Do not connect the USB-MusicStick 100 to the computer before software installation. Insert CD ROM driver and run '*Setup.exe*' from "Macerv3/Application" folder. Connect the USB-MusicStick 100 to the computer with provided USB cable. After installation, you will see "Removable Disk" in '*My Computer*'.

1.5.2 Installation Procedure for Windows ME / 2000 / XP

Windows ME / 2000 / XP already has driver built-in. support. Connect the USB-MusicStick 100 to the computer with provided USB cable and power on. Computers will automatically detect the USB-MusicStick 100 and install necessary driver. After installation, you will see '*Removable Disk*' icon in '*My Computer*'.

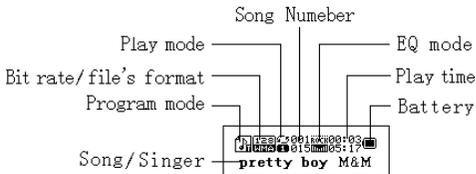
2 Getting started

2.1 Product Illustration:

- 1 USB Connection Jack
- 2 LCD Display
- 3a Volume Control '-'
- 3b Volume Control '+'
- 4 '<<<' Backward Button
- 5 '>>>' Forward Button
- 6 '▷' Play / Pause Button
- 7 Earphone Jack
- 8 Microphone
- 9 Battery Box
- 10 'Mode' Button
- 11 'Record' Button
- 12 'Hold'-Switch



2.1.1 LCD screen



2.2 Operation

Press and hold '▷' to turn on the player. Press again to start playing music. If you are not in the Music mode, press MODE for 2 seconds to enter Music Mode



Press '<<<' or '>>>' select MSC and press MODE to enter.

2.2.1 Play Menu

During music playing, press MODE for 1 second to access Play Menu. You will see the Repeat Mode, EQ Mode, Tempo Rate and A-B Replay Mode, Replay Time and Replay Gap below. Press '<<<' or '>>>' and press MODE to select.

2.2.2 Repeat Mode

Press '◀◀' or '▶▶' to select the desired option and press MODE to confirm.

- Normal : play all files in sequence
- Repeat One : repeatedly play a single file
- Folder : play all files of a folder
- Repeat Folder : repeatedly play all files of a folder
- Repeat All : repeatedly play all files in the player
- Random : randomly play all files in the player
- Intro : first 10 seconds of each file will be played one by one as a title preview

2.2.3 Equalizer



Press '◀◀' or '▶▶' to select the desired option and press MODE to confirm.

- NOR Natural
- ROCK Rock
- POP Pop
- CLAS Classical
- SOFT Soft
- JAZZ Jazz
- DBB Bass

2.2.4 Tempo Rate

To select quick or slow speed of playing files: Press '◀◀' or '▶▶' to adjust the play speed.



2.2.5 Replay

It includes: A-B segment repeat, follow and read.



A-B Segment Repeat Mode

- Select the A-B replay 
- When 'A-' start blinking, press '◀' once while playing a track to mark the beginning of section where you want to start (A).
- When 'B-' start blinking, press '◀◀' again to where you want the section to end (B). It will repeat the marked section (A=>B) continuously.

To cancel the operation, press EXIT

2.2.6 Replay Time

To set how many times the file replays.

2.2.7 Replay Gap

To set how many seconds two files are separated.

2.2.8 Lyric Display

It supports LRC VO.2 format file to display lyric on the LCD screen while music plays. Displaying Lyric:

- Copy your lyric file to the player (make sure lyric file has the same file name with music file)



- During music playing, press MODE for 1 second to view the lyric display.
- Lyric will automatically display
- Or you can press '+/-' to read lyric page by page.
- Press MODE to go back music mode

Note:

- If lyric exists, the icon  will change to 
- If there is no lyric file, ID3 tag information will appear.
- If the music file has no tag information, music file name will be displayed.
- Do not exceed 1000 bytes words in Lyric file.

2.3 Menu

Press MODE for 2 seconds to access the Main Menu.



Note: You can access the Main Menu by press in the MODE for 2 seconds from anywhere in the submenu or during music playing.

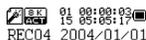
2.3.1 Record Mode

It records voice through internal microphone. There are three states of recording: Record, Pause and Stop.



Recording Voice

- Press  to start recording.



01 00:00:03
15 05:05:17
REC04 2004/01/01

A screenshot of the device's LCD display showing recording status. The top line shows '01 00:00:03' (track and time), the second line shows '15 05:05:17' (frequency and time), and the third line shows 'REC04 2004/01/01' (recording mode and date).

- Press  to pause.
- Press  for 2 seconds to stop and save the recording.

In the Record Mode, you can access submenu by pressing the MODE for 1 second. You will see the FINE REC, LONG REC, FINE VOR and LONG VOR. Press ' \ll ' or ' \gg ' and press MODE to select.

Note:

- Fine mode uses 32k bit rate that will have better recording quality but shorter recording time. Long mode uses 8k bit rate that will have longer recording time but not as good quality as in Fine mode.
- In VOR mode, if there is effective sound, record will continue; if no effective sound, the player will be in the pause state of recording and show waiting icon.
- If the recording time exceeds 60 minutes, time will display as hh:mm.
- If the low power situation appears (including low battery power in LCD), the player will stop recording and save the record file. Then you should change the battery at this moment
- Recording file will be saved in the root folder generally. But if recording file exists under a folder, you can select that folder to save recording file.

Playing Record File

- Access Voice Mode.



- Select the voice playing record mode.
- Press '◀' or '▶' to select the record file.
- Press '▶' to play.

2.3.2 Voice Mode

When playing recorded file, you can press MODE for 1 second to access Voice Mode. Press '◀' or '▶' to select Repeat Mode, Tempo Rate, or A-B Replay while music plays.

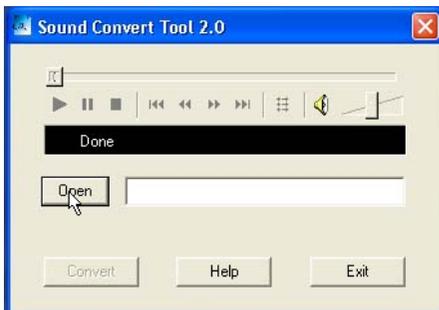
Repeat Mode

Press MODE to access the repeat mode sub-menu.

A-B Replay

It only has A-B segment repeat, but no follow and read.

Note: The record voice file is in ACT format. You need to install the Sound Convert Tool 2.0 into your computer for converting ACT File to WAV File.



2.3.3 Phone Book



It allows you to store your personal phone data into the player.



Please find the Fairy Address program from our provided CD ROM driver disk, and click 'Phone-Book_Setup.exe' under 'PhoneBook' folder to install.

- Go to 'Start → Programs → Fairy Address → Fairy Address' to run the program
- 'Go to File', and Click 'New' to start
- Grouping Name: [Enter Group Name] and press 'Append grouping' to create group(s). If you want to delete group(s), please go to Edit and choose 'Delete Group'.
- Name: [Enter Contact Name] and Tel:[Enter Telephone Number]. Click to highlight selected group. Go to Edit and choose 'Insert Card' to insert data card.
- Editing data card: Select data card and press mouse right click and choose 'modify' to edit, 'delete' to clear the data card, 'move up' and 'move down' to re-arrange the position
- Save: Go to File and click 'Save', the TelAddbk.DAT (default name) file will be saved at c:/program files/Flary Address. You can also click 'Save As' to save in your own file name, but the MP3 player only recognizes the default ending DAT. File to execute.
- Connect your player to your PC, you can simply copy the TelAddbk.DAT file to the root folder of the MP3 player. Unplug the player and go to the main menu  to enter the phone book.

2.3.4 System Setting

It gives you options to change the way your player displays, records and plays the files stored. Press the Forward Button or Backward Button to select the desired setting and press MODE to confirm.



Record Time

To set the time and date for record file:

- Press '+'/'-' to set year/month/day
- Press '<<' or '>>' to change data
- Press MODE to confirm.



Backlight Time

To set the duration of the backlight staying on the LCD screen:

- Press '<<' or '>>' to adjust
- Press MODE confirm.



Languages

To select the language for the LCD display:

- Press '<<' or '>>' to select different languages.

Auto-Off

To set a time between 0 and 60 seconds for auto-off:

- Power Save Mode
 - If no click at the stop mode within the setting time, the player will turn off automatically; if select 0 second, it will never be auto-off.
- Sleeping Mode
 - After the lapse of preset sleeping time, the player will turn off automatically.

Replay Mode

To set the replay format:

- Hand Mode
 - During the A-B Replay, set the stop point manually.
- OR
- Auto Mode
 - During the A-B Replay, the stop point is set automatically. It is applied to listen to recitation.

Contrast

Setting To adjust the LCD contrast level (1-20).

Online Mode

To select the player to show either Multi Drive, Normal Drive or Encrypted Drive in the computer.

Note: The player can be formatted with partitions. Please read the 'Partition and Encrypt' section below.

Memory Info

To check the total capacity of the disk.

Firmware Upgrade

To improve the function of the Player, you may do the firmware upgrade:

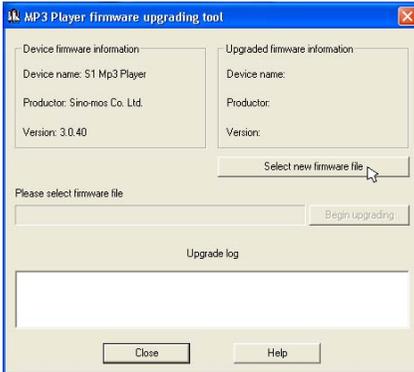
- Access the Main Menu, then select System Setting.



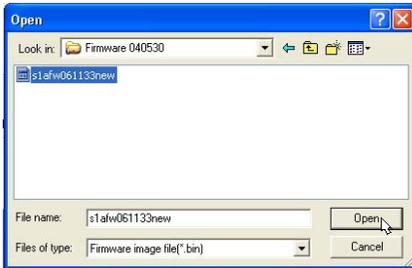
- Select Firmware Upgrade and press MODE to confirm.



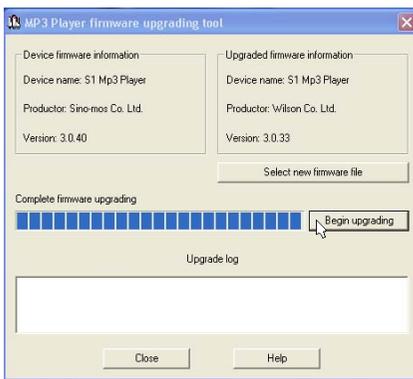
- Connect the Player to the computer with provided USB cable and power on.
- Run the Firmware Upgrading Tool, then click 'select new firmware file' button.



- Click 'Open' button to select the new firmware program. (The firmware can be found in the installed CD or downloaded from our website.)



- Click 'Begin upgrading' Button to start for upgrading the system.



- When finishing the upgrade, the following diagram will be displayed on the LCD screen:



Quit

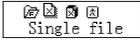
Quit the interface.

2.3.5 Other Settings

Programming Folder List

To manage all files easily, you can make and name individual folder to store different files. Plug the player to your computer and create folders to the player. For example, you can create and name different Music folders and Voice folders to store music files and voice files.

- During Music mode or Voice mode, you can access the folder list by pressing MODE for 1 second. And you can enter folder submenu from there.

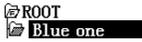


- Use the '<<' or '>>' to select the desired folder, and press MODE to confirm.

Deleting File

To delete files in Music Mode and Voice Mode:

- Press '<<' or '>>' to select 'Single File' or 'All Files'.



- When the 'Delete File' menu appears, use '<<' or '>>' to choose Yes or No.



Note: 'Delete All' means all the files in the chosen List will be deleted.

You can use this MP3 player as normal USB Drive. It supports Pubic and Security partitions that allows you to store your important data with password protection. In addition, you can also format it to be bootable under Windows 98/98SE/ME.

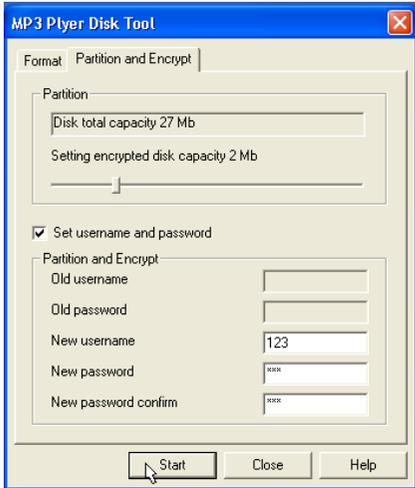
Partition and Encrypt

To divide the USB disk into two parts:

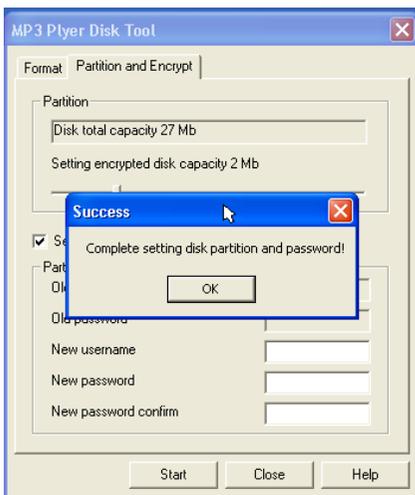
- Connect the Player with the computer with the USB cable.
- Run the MP3 Player Disk Tool. After filling in all the items on the 'Format' menu, click 'start'.



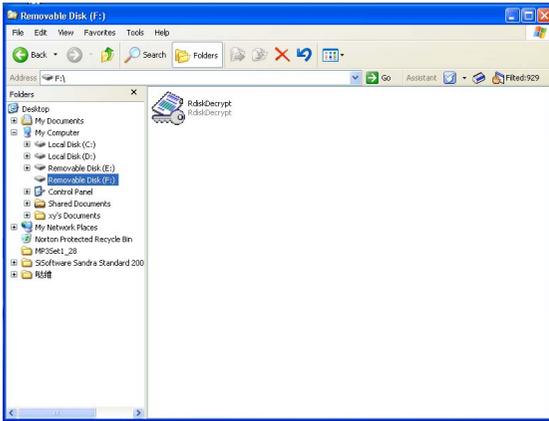
- Access the 'Partition and Encrypt' menu. After input all the items, click 'start'.



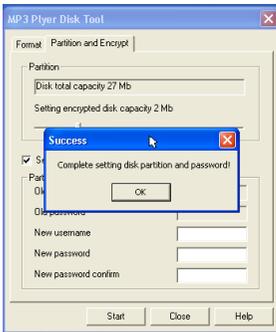
- The setting has completed. Click 'OK'.



- There are two disks. Open the second one, which consists of 3 documents. (2 concealed and 1 carried on with its size 300K).



- 6. Carry on the document 'RdiskDecry.exe', and input the username and password.



Note:

- The operation of dividing one disk into two parts will delete data. Please store them before the operation.
- Don't miss your username and password. Otherwise you can't complete the removable disk decryption with the password and lose the data.

A Important Notice

A.1 Trouble Shooting

Symptom: No Power!

Possible Reason: Check:

- whether the battery is exhausted.
- whether the battery has not been properly installed

Actions: Please:

- replace with a new battery.
- re-install it according to the polarity.

Symptom: No Sound from the Earphones!

Possible Reason: Check:

- whether the jack is detached from the unit.
- whether the VOLUME is set to "0".
- whether the battery is exhausted.
- whether the plug is contaminated / oxidized.
- for corrupted MP3 or WMA file.

Actions: Please:

- re-install the earphones again.
- increase the volume.
- replace with a new battery.
- clean the jack.
- download the files again.

Symptom: Invalid Character on LCD Screen!

Possible Reason: ● The language isn't supported.

Actions: Please:

- visit our website to see whether a new revision firmware is released.

Symptom: Fail to download or upload of MP3 / WMA / WAV file!

Possible Reason: Check:

- whether the battery is exhausted.
- the connection of USB cable.
- whether the USB cable is damaged
- whether memory is full.

Actions: Please:

- replace with a new battery.
- re-plug the cable at both ends.
- replace a new USB cable.
- release some memory space by deleting some files.

Symptom: Cannot Record Voice!

Possible Reason: ● Memory is full.

Actions: Please:

- release some memory space by deleting some files.

A.2 Precautions

- The MP3 player does not support NTFS and FAT32. It only supports FAT16.
- When battery level is too low, it will power off automatically. You have to replace a new battery.
- The USB Disk can be hot unplugged if no write action is being performed. However, if data has been moved to the USB Disk, then Eject or Safe removal action is needed to prevent the data loss. Eject can be used to ensure the data integrity. Under Windows, select the disk icon and click the right button of the mouse, then select 'eject'. This will empty the write cache.
- Below shows the file size that is required for each minute of CD audio converted to MP3 format. The higher the bit rate, the higher the file size is needed.

- 32kbps ⇒ 236KB/min
- 64kbps ⇒ 471KB/min
- 128kbps ⇒ 940KB/min
- 192kbps ⇒ 1.37KB/min
- 256kbps ⇒ 1.83KB/min
- 320kbps ⇒ 2.29KB/min

Remark: All data for reference only.

A.3 Safety precautions

- Make sure you do not use the unit with purpose which doesn't exist on the manual.
- Please read this manual carefully before using this product.
- Do not convert, disassemble or repair the USB-MusicStick 100 at your discretion. Make sure that TrekStor support and repair service is the only place in charge for repairs. Please also read section B and acknowledge the Warranty Conditions.

A.4 Trademark Acknowledgment

Microsoft Windows, Windows 98, Windows ME, Windows 2000, and Windows XP are registered trademarks of Microsoft Corporation. Other names and products not mentioned above may be registered trademarks of their respective companies.

A.5 Liability

Do not use the USB-MusicStick 100 in any other manner than specified in this manual. TrekStor has no liability for lost data, regardless of the cause, recovery of lost data or the consequences from any loss of data. The specifications and features are subject to change without notice or obligation.

A.6 Copyright

No part of this manual may be reproduced, translated or transmitted in any form or by any mean, electronic or mechanical, including photocopying, recording or by any information storage and retrieval, without permission in writing from TrekStor GmbH & Co. KG

B Warranty and service

B.1 Warranty Conditions

Disclaimer and terms of the warranties:

1. If there is a faulty USB-MusicStick 100 which meets with our limited warranty TrekStor can either arrange the repair or replacement of the USB-MusicStick 100 at our option. We have no responsibility to replace the USB-MusicStick 100 if it is damaged by accident, abuse or misapplication.
2. TrekStor shall have no liability for lost data, regardless of the cause, recovery of lost data or the consequences from any loss of data. Under no circumstance shall TrekStor or our dealers be liable for any incidental, special or consequential damages that result from the use of the USB-MusicStick 100 or related documentation, including any kind of damage or loss of property, financial loss or loss of data. In no event shall our total liability to you for all damages, losses, and causes of action exceed the amount paid by you for the USB-MusicStick 100 .
3. The following cases are charged for service regardless of the term of guarantee:
 - Malfunction after exceeding the warranty period.
 - Malfunction due to misapplication or damage caused by careless handling. (Do not use the USB-MusicStick 100 in any other manner than specified in this manual).
 - Malfunctions due to other devices.
 - Damage due to improper repairing services received from other service centers.
 - Disassembling or altering of the USB-MusicStick 100 for other purposes.

If you need to return or replace your USB-MusicStick 100 please contact your local dealer.

