MSI
MICRO-STAR INTERNATIONAL

User's Manual

MULTI-FUNCTION MP3 PLAYER

MP3 / WMA +Lyric Sync + Voice Recoder + Swing-Arm

Quick Repeat + 7-Color + SRS WOW

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Safety Instructions

1. Always read the safety instructions carefully.
2. Keep this User's Guide for future reference.
3. Keep this equipment away from humidity.
4. Never pour any liquid into the opening that could damage or cause electrical shock.
5. If any of the following situations arises, get the equipment checked by a service personnel:
   - Liquid has penetrated into the equipment.
   - The equipment has been exposed to moisture.
   - The equipment has not worked well or you can not get it work according to User's Guide.
   - The equipment has been dropped and been damaged.
6. If any failure occurred to **MEGA STICK 528**, remove and insert the battery back again, and then slide the Power switch once to power on the system.
7. Do not change the default folders in the **MEGA STICK 528**, or the device might function abnormally.

Chapter 1. Introduction

Congratulations on becoming a new user of **MEGA STICK 528**. The new **MEGA STICK 528** will improve the convenience of storing your personal data and the enjoyment of using various audio functions. We are proud to tell our users that **MEGA STICK 528** is thoroughly tested and certified by our reputation for unsurpassed dependability and customer satisfaction.

MEGA STICK 528 is a high performance portable digital audio player that enables users not only to play MP3, WMA or WMA with DRM audio files, listen to the **FM** radio broadcast (FM radio is an optional function), and record voice ,FM program or directly record whenever needed, but also to store personal data in the memory of this device. Besides, this **MEGA STICK 528** also works as a KARAOK to give users more fun of singing practice.

Here are the major features:

- **Digital Audio Player** – supports MP3, WMA, WMA with DRM audio files playback.
- **FM Radio Add-On module** – the FM Radio module, while optional, receiving FM Radio function will be plus in **MEGA STICK 528**. Users are able to save 15 favorite FM stations.
- **Voice Recorder** – provides synchronous recording function for voice.
- **Radio Program / CD Direct Recording** – provides synchronous recording function for FM or directly from a CD player, recorded files will be stored in MP3 or WAV format.
- **Language Learning Function** – enables users to repeat particular section during normal playback. With this function, users will be able to pay attention on the repeated playback to learn language.
- **USB Flash Disk** – allows users to store data in **MEGA STICK 528**.

- **Lyric Showing** – allows **MEGA STICK 528** to show lyrics during playback.
- **7-color Backlight Display** – allows users to switch seven different backlights in order to listen music with more fun.
- **Convertible USB Connector** – users can connect **MEGA STICK 528** directly with the convertible type A USB connector.

The **MEGA STICK 528** provides **Changeable Startup logo**, you can edit, convert, and store personalized startup logos. Thank you for choosing **MEGA STICK 528**. We hope you will continue to turn to us for quality products as your personal needs and interests grow.

How to Use This Guide

This User's Guide provides instructions and illustrations on how to install and operate your **MEGA STICK 528**. We assume that those users whose operating system is at least Windows 98 / 98SE / 2000 / XP are familiar with their OS, and are capable to follow the step-by-step instructions to install the driver of **MEGA STICK 528**. For users who are not able to manage the operating system properly, it is suggested to learn more about Microsoft Windows by referring to your Microsoft Windows manual before installing the provided driver.

Chapter 1, **Introduction**, tells you the descriptions of all the accessories of **MEGA STICK 528**. Please check if you have all the accessories included when you open the packing box. If any item is damaged or missing, please contact the vendor where you purchased **MEGA STICK 528** directly.

Chapter 2, **Getting Started**, introduces the function keys on **MEGA STICK 528**, the LCD Display status in different mode, and how to insert the battery.

Chapter 3, **Driver and Utility Installation**, describes how to install **MEGA STICK 528** and the specially designed utility for your new **MEGA STICK 528**.

Chapter 4, **Basic Usage**, describes how to use **MEGA STICK 528** in various ways. It is recommended to read this chapter carefully before using **MEGA STICK 528**.

Appendix A, **Specification**, provides the specification and accessories of **MEGA STICK 528**.

Appendix B, **Operation Menu Structure**

Appendix C, **Driver and Utilities CD**

Appendix D, **Screen Editor**

Unpack

Please unpack your **MEGA STICK 528** and check that the following accessories are complete with nothing missing.

MEGA STICK 528 (Portable Digital Audio Player)

Earphone

USB Extension Cable

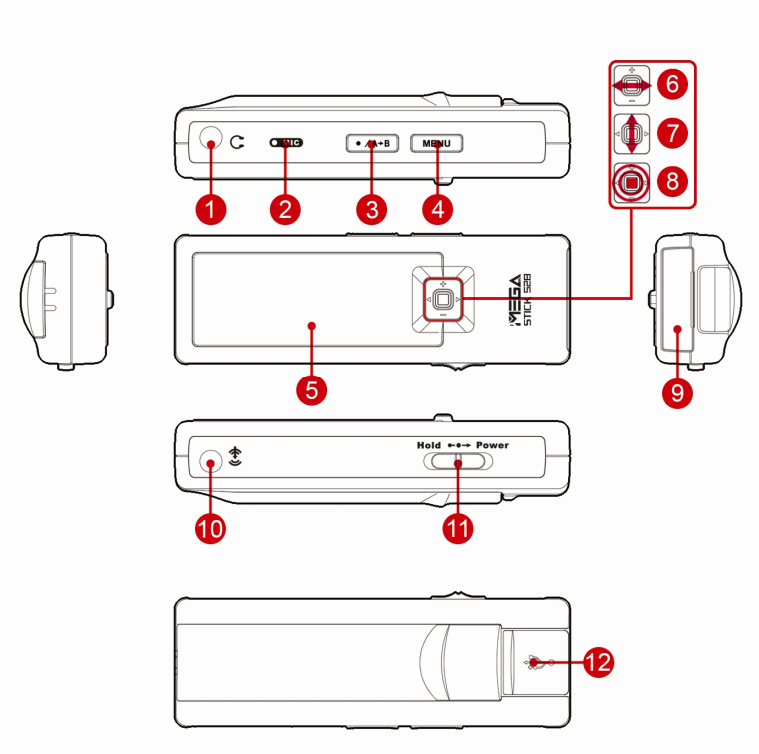
Driver Disk (User's Manual included)

Quick Starting Guide

AAA Battery

Chapter 2. Getting Started

Overview



1. **Earphone Connector** Plug the supplied earphone here.
2. **MIC** Internal Microphone.
3. **Record/Repeat A->B** Press to record voice or enable the A to B repeat function.
4. **Menu** Press the button to enter the menu operation.
5. **Display Window** Read status and information at this window.
6. **Five Way Button (Right/Left, Forward/Rewind)**

While playing a sound track, push to it right / left and hold this button to do fast-forward or rewind. Push it to left once can go to beginning of the playing sound track. Push it to right once can go to the next track.

7. **Five Way Button(Up/Down, Volume +/-)**

   Push it up/down to increase/decrease volume level.

8. **Five Way Button(Play/Pause/Enter)**

   Press it to play the selection of track. While playing press the button to pause and press it again to resume the track.

9. **FM Socket** Users can plug a optional FM Add-On module in here.

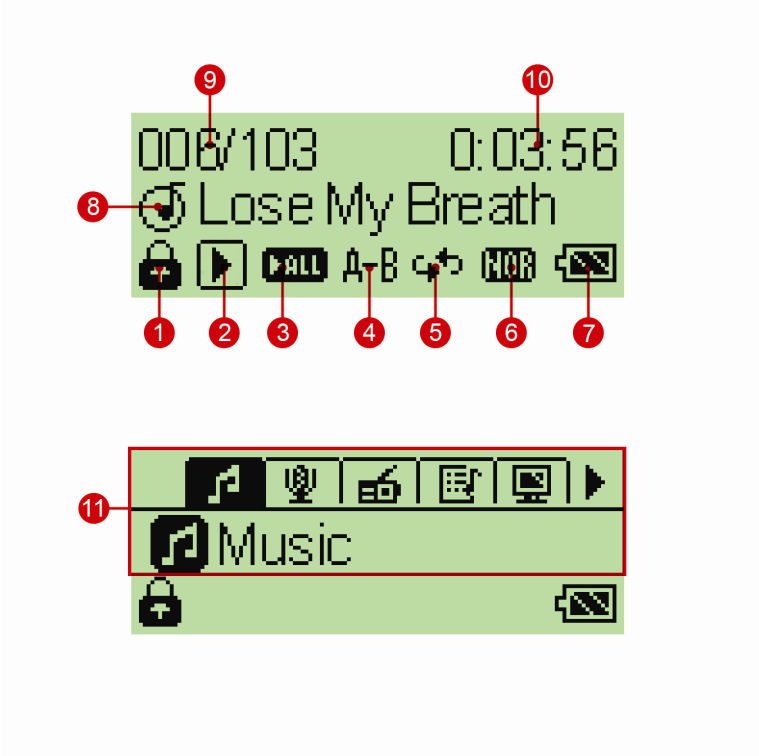
10. **Line-In** Plug the external Line-In device here.

11. **Power/Hold** Switch to POWER position to power on **MEGA STICK 528**. Switch to hold position to prevent any miss touching while **MEGA STICK 528** is recording or playing. Switch to the middle to unlock the prevention.

12. **Convertible USB Connecter**

    Connect one end of the supplied USB extension cable here.

LCD Display

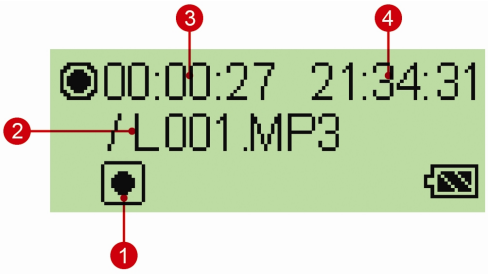


Normal Playback Mode

1. **Hold (Lock) Switch** Indicates when the Hold function is enabled.
2. **Playback Status** Displays the music or voice files playback status.
3. **Play Mode** Indicates the play mode that includes Play All and Play List.
4. **A to B Repeat** Indicates when A to B Section Repeat function is enabled.
5. **Repeat Mode** Indicates the repeat mode that includes

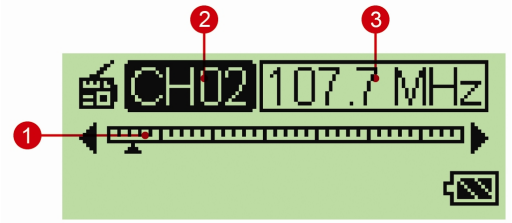
		Normal, Repeat One, Repeat All, Shuffle, and Shuffle Repeat.
6.	**SRS(●) / Equalizer**	Indicates **SRS(●)** status or the EQ mode settings that include Normal, Classical, POP, Rock, and Jazz.
7.	**Battery Status**	Indicates the Battery Status.
8.	**File Name / Title / Lyric**	Displays the current file name, title or lyric that is being played.
9.	**Track Number**	Display the current playback number and the total number of sound tracks.
10.	**Track Timer**	Display the ongoing timer of the current playback file.
11.	**Operation Menu**	These icons shift when **MEGA STICK 528** is in different Operation mode which includes Music, Voice, FM Radio (Module), Playlist, Backlight, Setting, Delete, Info.

Recording Display



1. **Recording Status** Displays the audio recording status.
2. **Recording File Name** Displays the current file name that is being recorded.
3. **Recording Timer** Display the ongoing timer of the current recording.
4. **Remains Time** Display the remaining time of the flash memory can be used.

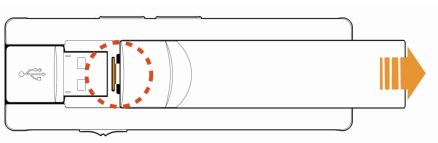
FM Radio Display



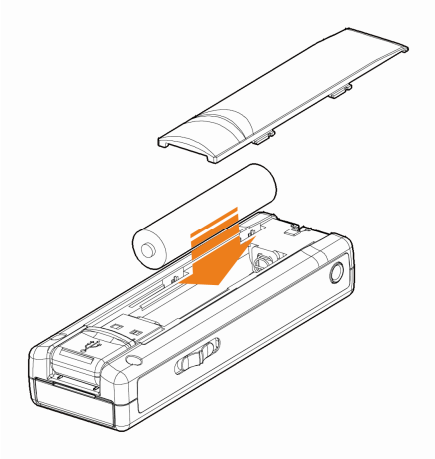
1. **Tuner** Adjust to select the radio broadcasting.
2. **Channel** Displays the channel numbers have been saved.
3. **Frequency** Display the current radio frequency.

Insert a Battery

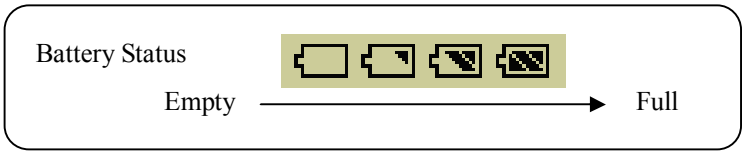
1. Slide the battery cover open until you can see the cathode and carefully remove the battery cover.



2. Insert an AAA battery and make sure the battery is inserted into the correct alignment.



3. Close the battery cover.
4. Turn on, and then check the capacity of the battery.



5. If you cannot read the Battery Status on the Display when the battery is inserted, please return to step 1 and once again make sure the battery is inserted into the correct alignment.

Battery Consuming Reference

- Category of Battery: Alkaline AAA battery
- Playing: Average 18 hours for audio playback.

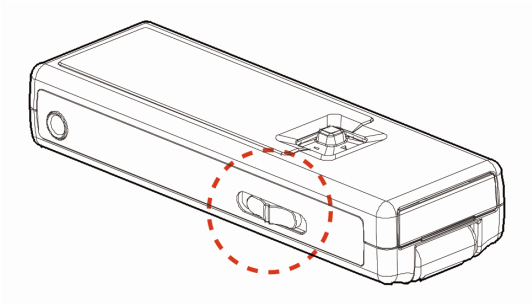
Note: ***1. Alkaline battery is recommended when using this Drive.***

2. Make sure the battery is taken out if you are not going to use this Drive for a long period of time.

3. MEGA STICK 528 can be a flash disk without the battery.

Hold Switch

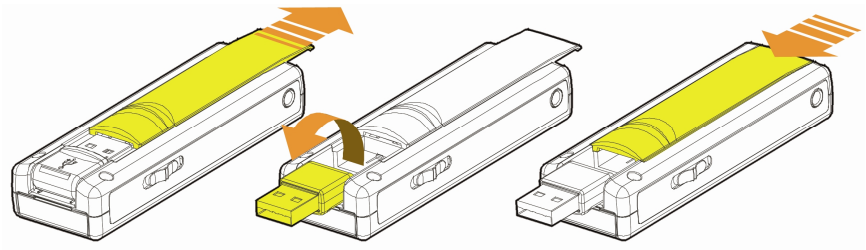
MEGA STICK 528 has a Hold Switch, which is located on the side of the device for preventing any accidental operation while **MEGA STICK 528** is recording or playing. Once the Hold Switch is slide to the lock position, all function keys on **MEGA STICK 528** will be disabled instantly.



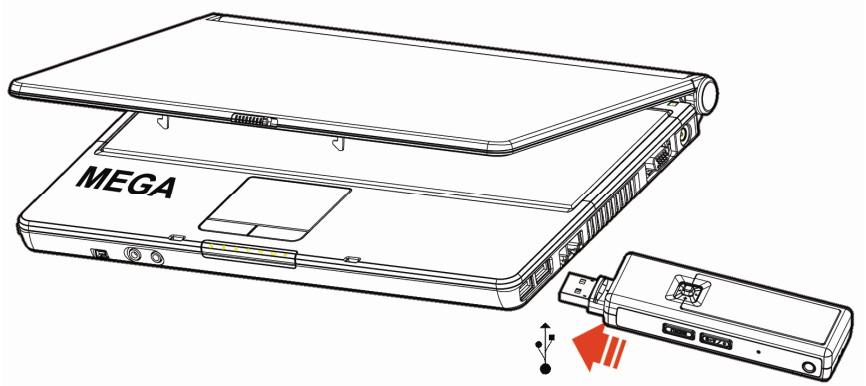
Chapter 3. Driver & Utility Installation

Connect MEGA STICK 528 to Your Computer

1. Slide the battery cover open, and then swing the USB connector out.
2. Slide the battery cover back to the original position.



3. Plug **MEGA STICK 528** to the computer USB connector directly. Also, you can connect to computer with a supplied USB cable.



4. Once **MEGA STICK 528** is connected to the computer, **MEGA STICK 528** should be detected by the operating system automatically.

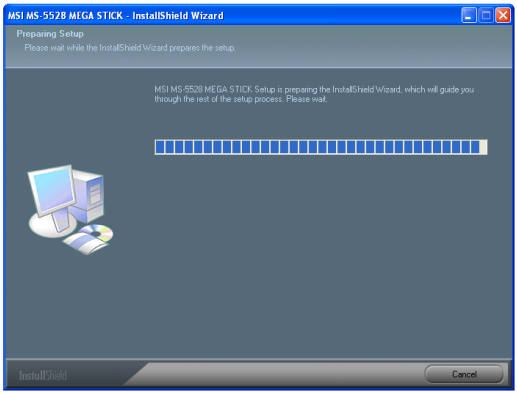
   Note: If the operating system of your computer is Windows 98SE, a hardware driver for MEGA STICK 528 will be required.

Hardware Installation for Windows 98SE only

When **MEGA STICK 528** is connected to a computer with Windows 98SE operating system, the system will automatically detect the new hardware, and ask for a hardware driver to be installed. To install the driver, place the supplied driver CD into the CD drive, and follow the on-screen instructions to complete the installation.

Install Utilities

The supplied Driver CD includes a **MEGA STICK 528** specialized driver. It is recommended to install even if your operating system is Windows 2000 or XP. Then, your system can recognize and fully support this device. The driver program includes a utility for upgrading the latest firmware provided by MSI website. Simply insert the supplied disk into the CD drive, and then follow the on-screen instructions to complete the installation.



Utilize the Utility

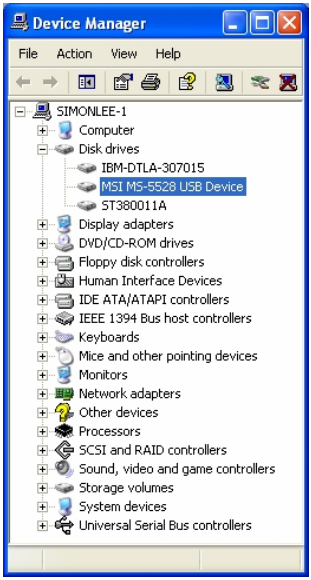
Once the Utility is installed, you will be able to updating the firmware or format your **MEGA STICK 528**.

NOTE: THIS IS AN ADVANCED OPERATION. NORMAL USERS ARE NOT RECOMMENDED TO PERFORM THIS OPERATION!

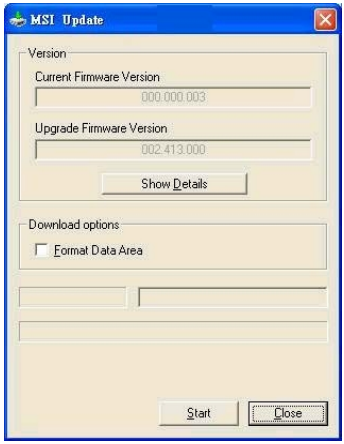
Firmware Updating

To update the firmware, download the latest firmware from MSI website first, and place the downloaded firmware under [Program files -> MSI -> MS-5528]:

1. Slide the **Power** switch and keep holding**.**
2. Connect **MEGA STICK 528** to your computer.
3. Go to [Device Manager], find [MSI MS-5528 USB Device] in [Disk Drive] to check connection. If failed, you can not find it. Repeat step1 to re-connect.



4. Select [Start -> Programs -> MSI MS-5528 MEGA STICK -> MSI MS-5528 Update] to load the firmware.
5. After loading firmware, you can see an update dialog.



6. Deselect Format Data Area to update the new firmware without formatting MEGA STICK 528. Select Format Data Area to update the new firmware and format MEGA STICK 528 at the same time.
7. Press Start button to start updating the new firmware.

Format MEGA STICK 528

To format MEGA STICK 528, please refer the connecting instruction mentioned previously to connect MEGA STICK 528 to your computer first. Once you connect MEGA STICK 528 to your computer, you may format MEGA STICK 528 with the format tool offered by Windows.

Note: Use the firmware update utility to format MEGA STICK 528 can ensure the format quality.

Note: If you format MEGA STICK 528, the data and files stored inside will be all erased!

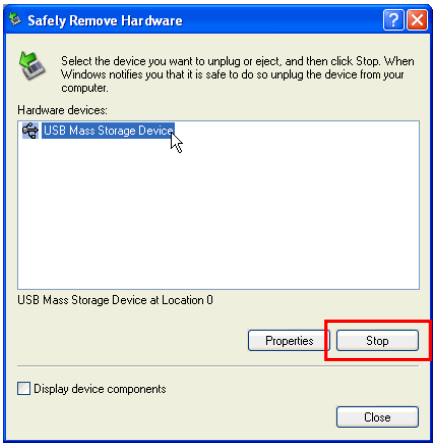
Note: If you need to format MEGA STICK by other format utility, please select FAT16 or FAT32 format.

Safety Remove MEGA STICK 528 from Computer

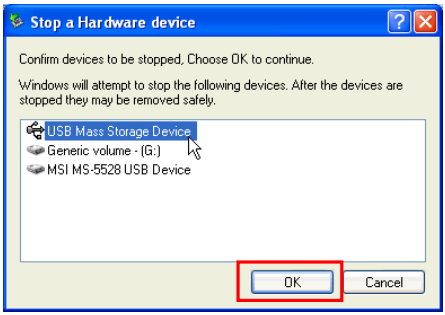
After managing the files or updating firmware, you have to follow the steps to

safety remove the **MEGA STICK 528**, to prevent system or device corrupt:

1. While an USB device is connecting to computer, there will be an icon on the task bar. Double click the icon to bring the Safely Remove Hardware dialog box. You can find all the devices connected on the display. To remove **MEGA STICK 528**, close all the programs related, and click **USB Mass Storage Device** and **Stop** button.



2. Then you see a window as below, click **USB Mass Storage Device** and **OK**



There will be the following message, and you can remove the device now.

Edit the Lyric

Users are able to see the lyric when the song is playing. Before you can see the lyric, you have to add it to each MP3. You can download it, write it yourself, use peculiar programs or plug-ins of Winamp to edit it.

Edit the lyric text file with a text editor

1. Execute a text editor.
2. Type the each sentence as the following format.

   [***hh:mm:ss***]***lyric***

   hh: hour, ***mm***: minute, ***ss***: second, ***lyric***: the lyric.

   Note: Many time stamps allow to be inserted at the same line, that's suitable for the chorus.
3. Save the file with the same name as the MP3 file and with extension ".lrc"**.**
4. Store both .mp3 and .lrc files in **MEGA STICK 528.**
5. Enable the **Lyric** function. (Please refer to **Setting Lyric Showing** in Chapter 4).
6. Play the song, and enjoy your karaoke with **MEGA STICK 528**.

Note: The lyric showing timing depends on the timestamp. If the lyric appears late, you can modify the timestamp to match.

Edit the lyric file with WINAMP LYRICS

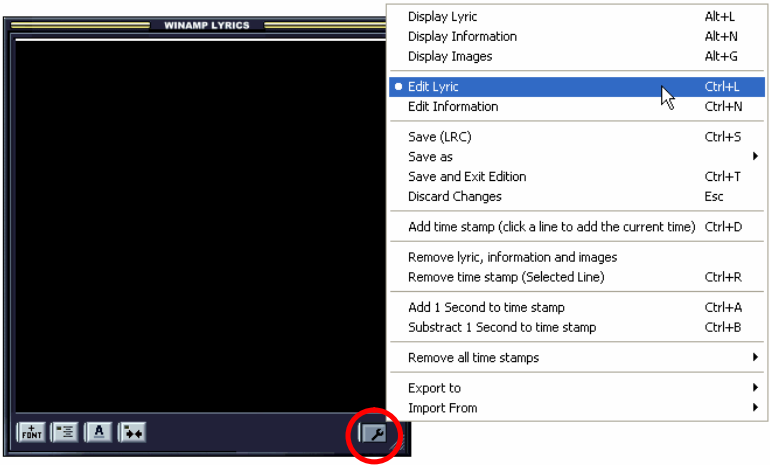
WINAMP LYRICS is a Plug-in for WINAMP. You can find it from http://cosorio.cjb.net.

WINAMP vision 2.81 or higher is requited by WINAMP LYRICS. You can download it from http://classic.winamp.com/download/

1. Prepare a lyric text file. Organize the lyric to meet each line not longer then 14 characters or 7 Asian characters (14 bytes).

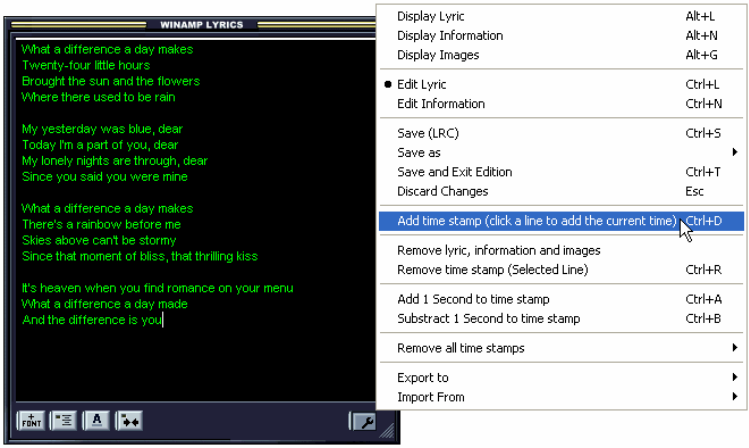
2. Execute WINAMP and load the MP3 file which you want to add the lyric.
3. Click the icon on the left top, and then click Lyrics. (If you don't see Lyrics, it might because you've not install the Plug-in WINAMP LYRICS yet.)

4. A WINAMP LYRICS window will appear, and then click the tool icon on the right corner in the WINAMP LYRICS window.
5. Click **Edit Lyric.**

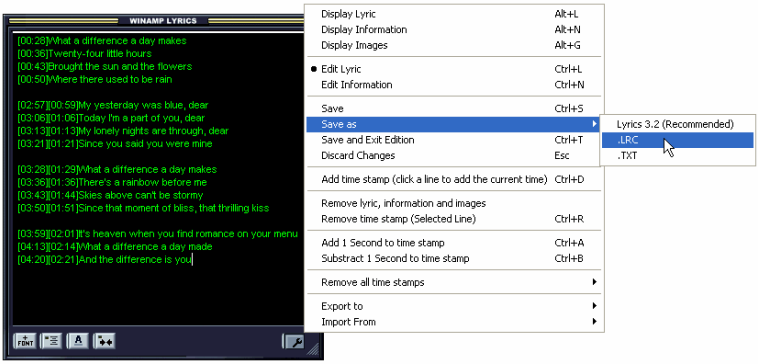


6. Type the lyric in the WINAMP LYRICS window or paste it from a website (Use search engine to find the lyric in internet).

7. After editing the lyric, click the tool icon, and then click **Add time stamp**.



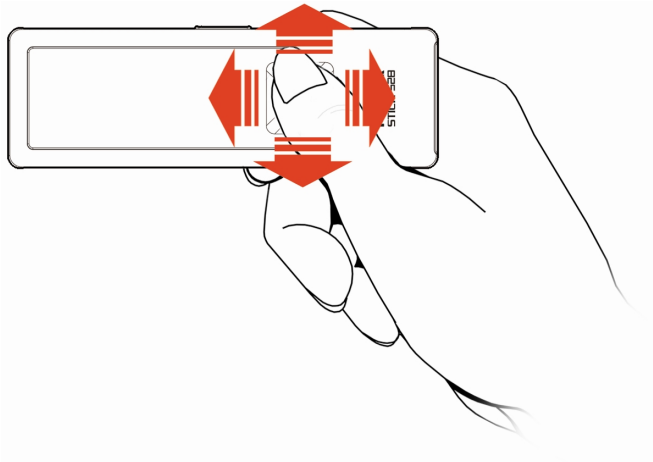
8. Play and listen the song, click a line to add the current time while listening.
9. Click the tool icon, and then click **.LRC** in the submenu **Save as**.



7. Give the same name as the MP3 file and with extension ".lrc", then click the **Save** button.
8. Store both .mp3 and .lrc files in **MEGA STICK 528.**
9. Enable the **Lyric** function. (Please refer to **Setting Lyric Display** in Chapter 4).
10. Play the song, and enjoy your karaoke with **MEGA STICK 528**.

Chapter 4. Basic Usage

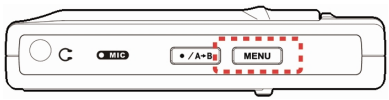
Using Five Way Button



Five Way Button is one of the most important features of **MEGA STICK 528**. In this document, we will use the term, “Select”, to mean that you should push Five Way Button to left or right to browse through options, and then select the option by pressing the Five Way Button.

You can also adjust volume levels with the Five Way Button. Push Five Way Button to up to increase volume or down to decrease volume.

Using the MENU button



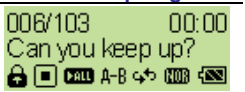
Press the **MENU** button once can enter the main menu, or get back to main menu from submenus. Additionally, press and hold the **MENU** button can jump to playback mode from menus.

Power On

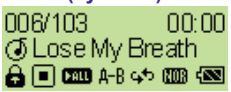
1. Slide Power Switch once.

Startup Logo

2. After Startup Logo, the default mode is Playback "stop" mode.

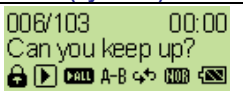


(Lyric on)

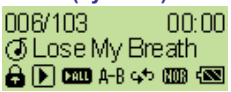


(Lyric off)

3. Press Five Way Button to play the track.

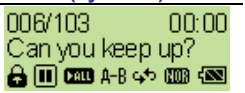


(Lyric on)

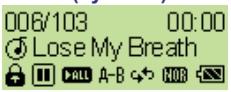


(Lyric off)

4. During playback, you can press Five Way Button to pause the playback.



(Lyric on)



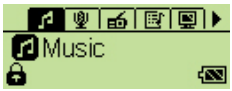
(Lyric off)

Power Off

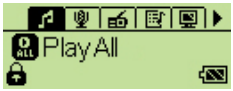
Slide the Power switch and hold. You will see a **POWER OFF Status Bar** appearing on the display to indicate the Power Off status. Note that it takes about three to five seconds to turn the power off.

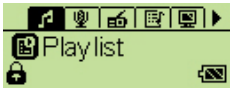
Music Playback

1. Press the **MENU** button.
2. Select the **Music** item.



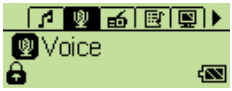
3. Select the **Play All** item to play all the music files have been stored on **MEGA STICK 528**, or select the **Play list** to play music files according to the play list.





Playing Voice File

1. Press the **MENU** button.
2. Select the **Voice** item.



3. Display window will show the MP3 playing UI

4. During playback, users can also press **Five way Button** to pause or resume the playback.

FM Radio Mode (Option)

1. Press the **MENU** button.
2. Select **FM Radio** item, when FM Radio Mode is selected for the very first time, **MEGA STICK 528** will run an auto station searching and store the searched fifteen stations as the preset favorite stations.

3. When the radio frequency appears on the LCD screen, push **Five Way Button** right or left to adjust and search the preset channel you want.

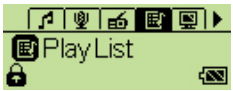
4. Press and hold **Five Way Button** for two seconds, a “Save to CH 01~15” message will appear on the LCD screen, then select a number to save.

5. Press **Five Way Button** to switch the **CH** number that you have saved before.

6. Press the **MENU** button to exit the FM Radio mode.

Add Playlist File

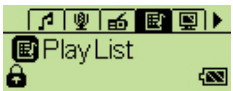
1. Press the **MENU** button.
2. Select the **Play List** item.



3. Select the **add folder/file** item to confirm/cancel mark.

4. Push **Five Way Button** to right to enter into the next submenu.

5. Push **Five Way Button** to left to get back to the front menu.

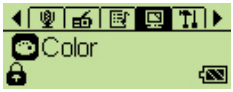


Setting LCD 7-Color Backlight Mode

MEGA STICK 528 provides seven colors backlight. Backlight timer might cease the backlight in a period time, you can simply press any button to wake it up. Under this setting you are able to set backlight for your favorite color, or randomly change color by press any key.

1. Press the **MENU** button.
2. Select **Backlight** item.

3. Select **Color** item.



4. Select **Red, Green, Orange, Blue, Purple, Sky Blue, White** or **Random** item.

5. A second later will back to the menu after the "Setting Finish" message appears on the LCD screen.

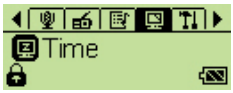
Setting Backlight Timer

Backlight timer program can save the power. After having been idle for few seconds, the device will run the Backlight timer program automatically and cease the backlight, you can press any button to wake the backlight up.

Note: When the Lyric function is enabled, the backlight will keep lighting, except to set it Disable.

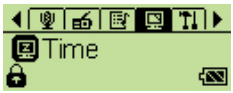
1. Press the **MENU** button
2. Select the **Backlight** item.

3. Select the **Time** item.



4. Select the **Disable** (turn off the backlight)**, 2sec, 5sec, 10sec** or **30sec** item.

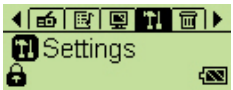
5. A second later will back to the menu after the "Setting Finish" message appears on the LCD screen.



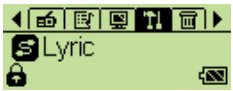
Setting Lyric Showing

This function can show the lyric when you play a MP3 music. **MEGA STICK 528** supports .**lrc** and **ID3v2**. To edit the lyric file please refer to "Edit the Lyric" in chapter 3.

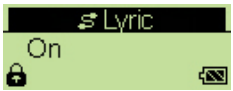
1. Press the **MENU** button.
2. Select the **Setting** item.



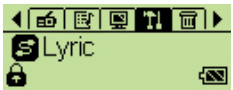
3. Select the **Lyric** item.



4. Select **On** to enable the lyric function, **Off** to disable it.



5. Then Display window will show the setting finish window 1 sec and back front menu.



Setting SRS(WOW) Enhancement Effect

WOW is a special combination of SRS audio technologies that creates a thrilling experience with deep rich bass from sound source. ***Note that once SRS is enabled, the EQ settings will be disabled at the same time.***

1. Press the **MENU** button.
2. Select the **Setting** item.

3. Select the **SRS** item.

4. Select **On** to enable the **SRS(WOW)** effect, **Off** to disable it.

5. A second later will back to the menu after the "Setting Finish" message appears on the LCD screen.

Settings EQ

MEGA STICK 528 provides various **EQ** modes, such as **POP**, **Rock**, **Jazz,** and **Classical**, for users to choose as following step to increase the enjoyment of listening to music, and to meet the personal need or habit.

1. Press the **MENU** button.
2. Select the **Setting** item.

3. Select the **EQ** item.

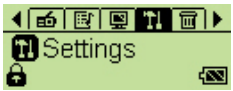
4. Select **Normal**, **POP**, **Rock**, **Jazz** or **Classical.**.

Note: This function will be locked and disabled when SRS(WOW) is enabled.

5. A second later will back to the menu after the "Setting Finish" message appears on the LCD screen.

Repeat Settings

1. Press the **MENU** button.
2. Select the **Setting** item.



3. Select the **Repeat** item.

4. Select one of the following items in the **Repeat** mode screen.
   a. **Normal**: Plays users selected tracks in sequential order.
   b. **Repeat one**: Repeat the current track.
   c. **Repeat All:** Repeat all selected tracks.
   d. **Shuffle:** Plays all selected tracks in random order, once only.
   e. **Shuffle REP**: Plays and repeats all selected tracks, in random order.

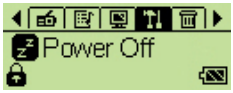
5. A second later will back to the menu after the "Setting Finish" message appears on the LCD screen.

Setting Power OFF Timer

User can set the timer under Power OFF setting to turn off **MEGA STICK 528** automatically when **MEGA STICK 528** is not playing or recording for a certain time.

1. Press the **MENU** button.
2. Select the **Setting** item.

3. Select the **Power Off** item.

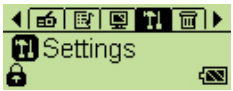


4. Select **Disable,1 min, 2 min, 5 min** or **10 min** item.

5. A second later will back to the menu after the "Setting Finish" message appears on the LCD screen.

Setting Record Source

1. Press the **MENU** button.
2. Select the **Setting** item, and then select the **Record** item.



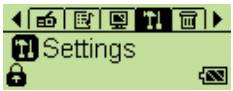
3. Select the **Record Source** item.

4. Select **Microphone** or **Line-In**.

5. A second later will back to the menu after the "Setting Finish" message appears on the LCD screen.

Setting Record Quality

1. Press the **MENU** button.
2. Select the **Setting** item, and then select the **Record** item.



3. Select the **Quality** item.
4. Select **Standard**, **Good, Better** or **Best** item.

5. A second later will back to the menu after the "Setting Finish" message appears on the LCD screen.

Setting Record Encoder Type

This function can encode the audio source to MP3 format files directly when users are recording. The size of MP3 files are about one tenth the WAV files.

1. Press the **MENU** button.
2. Select the **Setting** item, and then select the **Record** item.

3. Select the **Encoder Type** item.

4. Select **MP3** or **WAV**.

5. A second later will back to the menu after the "Setting Finish" message appears on the LCD screen.

Setting Record ASD (Auto Silence Detection)

With ASD function, you will be able to decide the silence length between each sound track while doing Line-In Recording. If **Disable** is selected, the silence length will be the same as the recording source.

Note: ASD function only works when MP3 recording format is selected under Encode Type.

1. Press the **MENU** button.
2. Select the **Setting** item, and then select the **Record** item.

3. Select the **ASD** item.

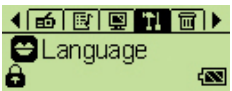
4. Select **Disable, 3Sec, 5Sec, 7Sec** or **10Sec**.

5. A second later will back to the menu after the "Setting Finish" message appears on the LCD screen.

Setting Language

1. Press the **MENU** button
2. Select the **Setting** item.

3. Select the **Language** item.



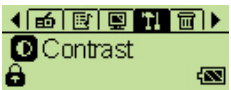
4. Select the **English, 繁體中文, 簡体中文, Deutsch, Italiano, Español, Português, Français, Nederlands or** 日本語 item.

5. A second later will back to the menu after the "Setting Finish" message appears on the LCD screen.

Setting Screen Contrast

1. Press the **MENU** button.
2. Select the **Setting** item.

3. Select the **Contrast** item.



4. Adjust the **Screen Contrast** level that you want.

5. A second later will back to the menu after the "Setting Finish" message appears on the LCD screen.

Setting Startup Logo

1. Press the **MENU** button.
2. Select the **Setting** item.

3. Select the **Startup Logo** item.

4. Select a Startup Logo that you like. Please refer to **Appendix C. Screen Editor** to learn how to draw a personal logo.

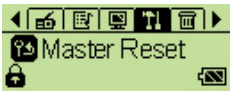
5. A second later will back to the menu after the "Setting Finish" message appears on the LCD screen.

Setting Master Reset

This function can reset **MEGA STICK 528** to its original settings.

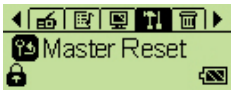
1. Press the **MENU** button.
2. Select the **Setting** item.

3. Select the **Master Reset** item.



4. Select **No** or **Yes**.

5. A second later will back to the menu after the "Setting Finish" message appears on the LCD screen.

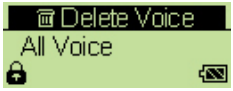


Deleting Files

In this function, Only MP3/WMA files can be deleted.

1. Press the **MENU** button.
2. Select the **Delete** item.

3. According to your needs select the **All Music, Single Music, All Voice** or **Single Voice** item.
   a. **All Music:** Delete all MP3 and WMA files except files in the VOICE, FM and LINE-IN folders.
   b. **Single Music:** Select to delete single music file.
   c. **All Voice:** Delete all recording files in the VOICE, FM and LINE-IN folders.
   d. **Single Voice:** Select to delete single recording file.



4. Read the deletion information and select Yes to execute, or No to cancel deleting.

5. It might take several seconds.

6. When it has done, the “Delete Finish” message will appear on the LCD screen.

Note: you can easily use Windows Explorer to manage/ delete files.

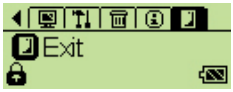
Device Information

1. Press the **MENU** button
2. Select the **Info** item.
3. You can read device information on the LCD screen.

Exit Menu

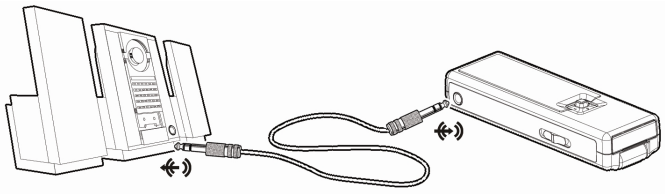
Select the **Exit** item to get back to current playback.

TIP: Press and hold the MENU button can easily jump to current playback from menu.



Encoding MP3 Directly from CD

MEGA STICK 528 has a build-in CD-to-MP3 encoder, that’s able to record via Line-In.

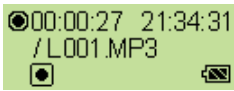


1. Connect to a Walkman, Computer, Radio, TV, and Audio Equipment or plug a Microphone.

1. Set **Record Source** to **Line-in**. (Please refer to **Setting Record Source** in Cheaper 4)

2. Set **Encoder Type** to **MP3**. (Please refer to **Setting Encoder Type** in Cheaper 4)
3. Press and hold the **●/A→B** button for two seconds to start recording and play music from the audio source.

3. On the Display, a recording file should be generated and placed under the folder of [**/LINE-IN/**]. The file name sequence starts from **[L001.MP3]**, and then [**L002.MP3**], and so forth.



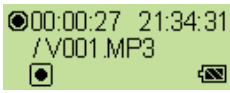
4. Press the **●/A→B** again to stop recording**.** It will be encoded to a MP3 format file and save in the VOICE folder in the **MEGA STICK 528** automatically, and you will see the status return to the previous status.

Microphone Recording

MEGA STICK 528 also works as a synchronizing recorder. You are allowed to use **MEGA STICK 528** for Microphone Recording. In different word, you can use **MEGA STICK 528** to record your own voice, an interview or a speech via internal microphone. To do the Microphone Recording, please follow the steps shown below.

1. Set **Record Source** to **Microphone** (Please refer to **Setting Record Source** in Cheaper 4)
2. Press and hold the **●/A→B** button for two seconds to start microphone recording function.

3. On the Display, a microphone recording file should be generated and placed under the folder of [**/VOICE/**]. The file name sequence starts from [**V001.MP3**], and then [**V002.MP3**], and so forth.

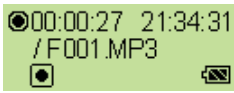


4. To stop microphone recording, simply press the **●/A→B** button again, and you will see the status return to the previous status.

Radio Broadcast Recording (Option)

1. Select a radio broadcast channel that you want to record.
2. Press and hold the **●/A→B** button for two seconds to start radio broadcast recording function.

3. On the Display, a radio broadcast recording file should be generated and placed under the folder of [**/FM/**]. The file name sequence starts from [**F001.MP3**], and then [**F002.MP3**], and so forth.



4. To stop recording, simply press the **●/A→B** button again, and you will see the status return to the previous status.

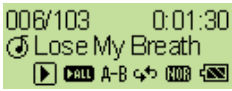
Language Learning Function

MEGA PLAYER 528 enables users to listen to a particular section repeatedly during music or voice playback. With this function, users will be able to pay attention to the repeated section and to achieve the result of language learning.

During music playback:

1. Press the **●/A→B** button to set the starting point when playback. The **A-** icon will appear on the middle bottom of the LCD screen.

2. Press the **●/A→B** button again to set the terminal point. The **A-B** icon will appear on the LCD screen. You will hear the repeating playback that you have set previously again and again.



3. Press the **●/A→B** button again back to the normal playback. Meanwhile the **A-B** icon will disappear on the LCD screen.

USB Flash Disk

Users are able to save personal data in various formats to **MEGA STICK 528** memory. **MEGA STICK 528** is a portable hard disk. To save data to **MEGA STICK 528**, simply connect it to computer, and use **Windows Explorer** to manage your data.

Note: MEGA STICK 528 can be a flash disk without the battery.

Due to the limitation of memory, when the total folder amount is over 50 or file amount is over 650, some music files will not be able to be loaded and be played.

Appendix A. Specifications

MEGA STICK 528	
Dimension	30 (W) x 92 (D) x 19.3 (H) mm
Weight	32g without battery
Operating Temperature	0 °C ~ 45°C
Storage Temperature	-20°C ~ +70 °C
Audio Spec	Max Output : 60mW rms (30mW / channel), support SRS(WOW) function. Frequency: 20 to 20K Hz SNR: >90dB
Audio Playback	Supports format: MP3, WMA , WMA with DRM Supports frequency 32 - 320 Kbps
Line-In / Voice / FM Recording	Record format: MP3, WAV
USB Flash Disk	1. Meets USB specification revision 2.0 2. Supports OS: Windows 98SE, Windows ME, Windows 2000, Windows XP Home/ Pro, Mac OS 9 and above 3. Windows 98SE needs extra driver installation.
LCD module	Resoultion : 128 x 48 pixels with 7-color backlight.
Lyric Showing	Supports lrc, ID3v2
I/O Input	1. Stereo Audio-out, 3.5mm 2. Stereo line-in jack, 3.5mm 3. Convertible type A USB connector.
EMI and Safety	FCC Class B, CE ,BSMI,VCCI, CB, C-tick
Interface Language	Supports up to more than 10 languages which may vary from country to country.
Earphone	Stereo output: 30mW rms (15mW / channel)
Battery	Alkaline AAA battery

Appendix B. Operation Menu Structure

Main Menu	Music	Play All		
		Play List		
	Voice	[Show File Name]		
	FM Radio(Module)			
	Playlist	[Show Music Folder Name]	[Show Music File Name]	
		[Show Music File Name]		
	Backlight	Color	Red	
			Green	
			Orange	
			Blue	
			Purple	
			Sky Blue	
			white	
			Random	
		Time	Disable	
			2 Sec	
			5 Sec	
			10 Sec	
			30 Sec	
		Exit		
	Settings	Lyric	On	
			Off	
		SRS	On	
			Off	
		EQ	Normal	
			POP	
			Rock	
			Jazz	
			Classical	
		Repeat	Normal	
			Repeat One	
			Repeat All	
			Shuffle	
			Shuffle REP	
		Power Off	Disable	
			1 Min	
			2 Min	

			5 Min	
			10 Min	
		Record	Record Source	Microphone
				Line-in
			Quality	Standard
				Good
				Better
				Best
			Encoder Type	MP3
				WAV
			ASD	Disable
				3 Sec
				5 Sec
				7 Sec
				10 Sec
			Exit	
		Language	English	
			繁體中文	
			簡体中文	
			Deutsch	
			Italiano	
			Español	
			Portuguê	
			Français	
			Nederlands	
			日本語	
		Contrast		
		Startup Logo		
		Master Reset	No/Yes	
		Exit		
	Delete	All Music		
		Single Music	[Show Music File Name]	
		All Voice		
		Single Voice	[Show Voice File Name]	
		Exit		
	Info			

Appendix C. Driver and Utilities CD

Insert the supplied CD disk into the CD drive.

- **Install MEGA STICK 528 Driver**

  MEGA STICK 528 has a specialized driver. It is recommended to install to let system recognize and fully support this device. The driver program includes a utility for upgrading the latest firmware provided by MSI website. Click to start installation, and follow the messages on the display.

- **Install Screen Editor**

  The Start up logo of **MEGA STICK 528** is changeable. Install and utilize the Screen Editor tool, you can edit your own logo by yourself. Read Appendix C. for details and instructions.

- **Install Adobe Acrobat Reader**

  A free software for viewing and printing Portable Document Format (PDF) files. To read the **MEGA STICK 528** User Manual, you also have to install the Adobe Acrobat Reader.

- **Read MEGA STICK 528 User Manual**

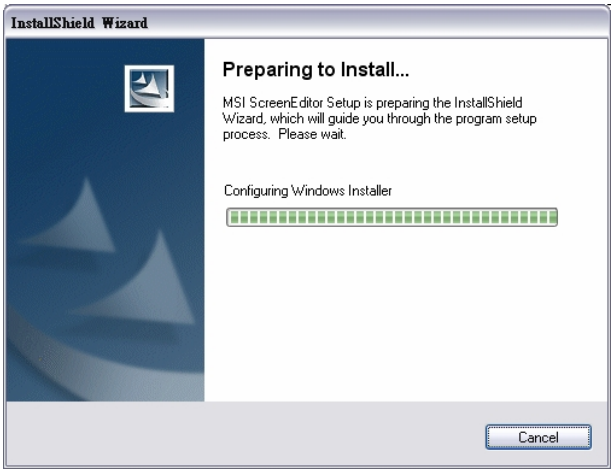
  This PDF document is packed in the CD, click on the button to read.

- **Explore CD-ROM**

  Click to browse all the contents in the CD with Windows Explorer.

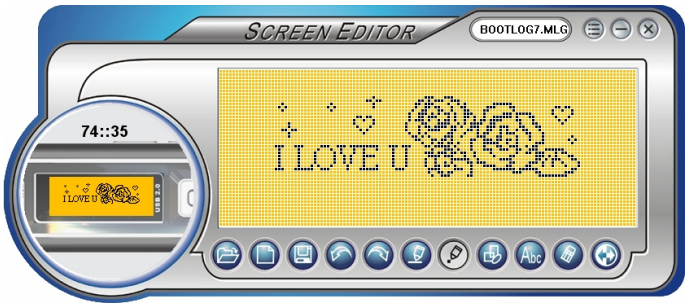
Appendix D. Screen Editor

The Start up logo of **MEGA STICK 528** is changeable. With **Screen Editor** tool, you can design personalized startup logos. Click **Install Screen Editor** button on autorun screen of the Driver and Utilities CD to start installation. You will see a screen as below, follow the messages on the display.



Editing Startup Logo

Startup Logo tool is like the Windows Paint program. You can import an existing image or create a whole new logo on your own. Select the Line, Point, Eraser, Reverse, and Input text to edit in the Edit Area, and you can view the image instantly. Save the logo files to the root directory of device, and you have more options for the startup logo. Refer to the help document in the program for more information (click Menu button and select **Help**). Read also Chapter 4 **Startup Logo section** to know how to change Startup Logo.



Note: After connecting the MEGA STICK 528 to your computer, browse the drive with Windows Explorer. You may find 10 default startup logo files (.mlg) under root directory. You can edit/ add more logos to the folder by Screen Editor. If you deleted all the startup logo files, the default MSI logo will be shown on the screen when you power on the MEGA STICK 528. In that case, you will not be able to change the startup logo.

Note: There can be at most 10 logo files. You have to delete one logo file before add a new one.