MPR-282/256
256M MEMORY STICK WITH PORTABLE MP3/WMA RECORDER AND PLAYER,
VOICE RECORDING (WAV format).

Thank you for choosing the MP3 player! Please read the following user manual carefully to ensure easy operation of the player

CONTENTS

If you don't use the player more than one week, please take off the batteries to prevent battery liquid leak which will mangle the unit.

1) Please do not use the player with earphones while driving an vehicle or riding a bicycle. It's not only dangerous, but also against the law. And please keep your volume down when crossing streets.
2) Connect the earphone with player before you turn on.
3) Turn-off the switch when the player is not being used.
4) Please do not expose to direct sunlight, heat sources or dusty areas and please keep away from water. Please use soft wet-cloth to clean the dirty surface
5) Please do not cleaning the player with chemicals such as alcohol or thinner.
6) To prevent static, avoid the extreme dry surroundings.
7) Do not disconnect the player with PC while you are doing " format " or " download' file.
8) When you use this player as a USB stick, please always follow the correct operation method. Any misuse may cause file lost.

SYSTEM REQUIREMENTS

System Requirements of MP3/WMA Player
• Microsoft Windows 98SE/2000/Me/XP
• Pentium 200MHZ or greater
• USB Port Supported
• 256MB of available hard disk space
• CD-Rom Drive for WIN 98

1. INSTALLATION INSTRUCTION

1.1 Install the driver for Windows Operating Systems 98 SE. For windows Operating System ME/2000/XP or greater, you don't need to install the driver.
When connect MP3 player to PC USB port, a window will pop-up with title "found a new equipment", click "search for latest driver", then insert the installation CD into PC's CD-ROM drive, then click "next".
• Select and click on the "install from a list or specific location", then click on the "Drivers" folder in CD-ROM and click "CONFIRM". Pc will complete W98 installation automatically.

2. CONNECTING TO A PC AND DOWNLOADING

2.1 Connecting to a PC
Before operating, please make sure the player is power off. Connect the USB cable to the PC's USB port and connect the other side to the player's port.

2.2 Download MP3/WMA songs

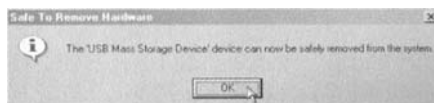Connect the player to the PC. Download Songs to the player.
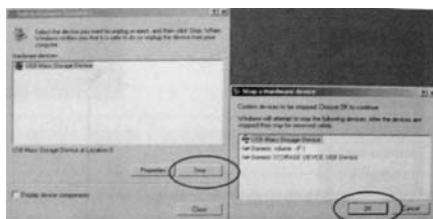

2.3 Remove USB Device

Double click the mouse on the icon of Taskbar to remove the device safely

Select "USB Mass Storage Device" item, then click "Stop" button. "Stop to Hardware Device"
   window will pop up as below:

Click "OK" button. When "Safe to Remove Hardware" window appeared, the Player can
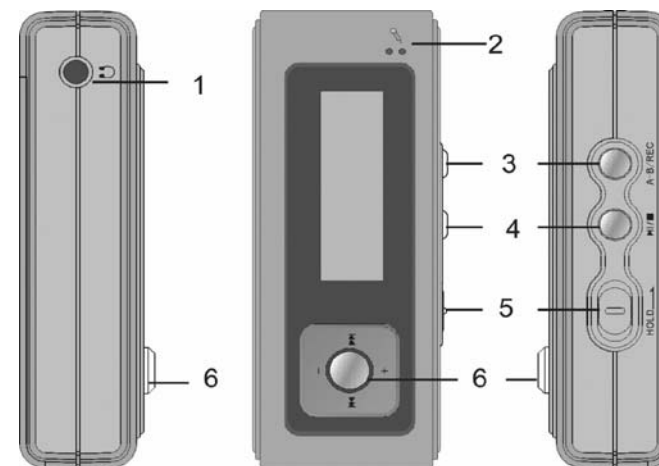   be removed from PC safely.

**Warning: An error might occur if remove the connection of the USB cable when
   transferring data; After data transferred and "Safe To Remove Hardware" window
   appeared, the player can be removed from PC safely! While the USB cable is
   operating, other keys on the player are not available**

3.   PLAYER OPERATION

3.1 Locations of buttons and function

1) EARPHONE JACK
2) MIC
3) A-B/ RECORDING
4) PLAY/PAUSE/STOP
5) HOLD
6) Joystick: MODE/
     Volume +, - , ◄◄ , ►►

3.2.POWER ON / OFF operation

   Press ►II 2 seconds into MP3/WMA standby mode. On any mode , hold ►II key for 3
seconds to power off .

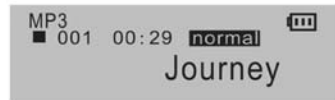**3.3 Menu:**

On any power on mode, press Joystick in to Menu.

Pull Joystick as ◄◄ or ►► to select Music mode, Voice mode, Setting mode, Erase Files
   mode, Memory mode, press Joystick into do the relative mode

3.4 MP3/WMA Playback

a) On MP3/WMA standby mode, press ►II to play MP3/WMA music. Press ►II again to
   pause the playback. On pause mode, press ►II again to resume the playback.
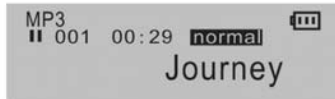
Standby/Stop mode

```
MP3          00:29 normal    [▥]
■ 001
             Journey
```

Play mode

```
MP3          00:29 normal    [▥]
▶ 001
             Journey
```

Pause mode

```
MP3          00:29 normal    [▥]
II 001
             Journey
```

b) On MP3/WMA playback mode or standby mode, press Joystick as ◄◄ or ►► to select the songs
c) Or pull Joystick as ◄◄ or ►► to skip forward and backward
d) On MP3/WMA playback mode , press Joystick as VOL+ or VOL- to adjust volume.

3.4 Voice recording function
3.4.1 On MP3/WMA playback mode , press Joystick in to Menu. And pull Joystick as ◄◄ or ►►
  to Voice mode. Press Joystick in to Voice recording standby mode .
3.4.2 On the MP3/WMA mode or Voice recording stand-by mode, press A-B/REC key for 2
  seconds to start voice recording function; Press A-B/REC key again to stop recording.
  The player will stay in voice recording standby mode.
c) On voice recording standby mode , pull Joystick as ◄◄ or ►► to select the recording file .
  Press ►II to play the file . Pause and resume operation is same as MP3/WMA playback.

```
DVR          00:29 ROCK      [▥]
■ 001
             V001. WAV
```

3.5 A-B repeat mode
On MP3/WMA playback or voice recording playback mode,
1) Press A-B/Rec key to start A-B repeat as A point (start point)
2) Press A-B /Rec key again to finish A-B repeat as B point (finish point). The player will
  repeat the music from A point to B point.

3) During A-B repeating mode, press A-B /Rec key to cancel A-B repeat function. The player
  will be back to MP3/WMA playback or Voice recording playback

4. SETTINGS MODE

4.1 Play MP3/WMA file
Press Joystick in to menu. Pull Joystick as ►► or ◄◄ to select Settings mode

4.1 EQ setup
Pull Joystick as ►► or ◄◄ to select Equalizer mode: Normal, Rock, Jazz, Classic & POP.
Press MODE key again to save the selected EQ mode.

4.2 PlayMode setup
Pull Joystick as ►► or ◄◄ to select to select play modes : Normal play, Repeat track,
Repeat all,

Normal

```
MP3          00:29 normal    [▥]
▶ 001
             Journey
```

Repeat All

```
MP3 ↻        00:29 normal    [▥]
▶ 001
             Journey
```

Repeat 1

```
MP3 ↻1       00:29 normal    [▥]
▶ 001
             Journey
```

4.3 Contrast setup
Pull Joystick as ►► or ◄◄ to select to adjust LCD contrast, Press MODE to save the
setting that just selected.

```
Contrast
//////
```

4.4 Backlight setup
Pull Joystick as ►► or ◄◄ to select to select the backlight set up.
The choices of backlight setting: 5secs, 10-secs, Always on, Disable. Press MODE to
save the settings that just selected.

4.5 Backlight color setup
 Pull Joystick as ►► or ◄◄ to select backlight color: Red, Yellow, White, Pink , Sky blue,
Green, Blue

4.6 Power saving setup

Pull Joystick as ▶▶ or ◀◀ to select the time of auto-off
The choices of power auto-off are: 1 min, 2 mins, 5 mins, 10 mins, off. Press MODE to save the setting that just selected.

4.7 Recording Bitrate Setting

Pull Joystick as ▶▶ or ◀◀ to select the recording Bitrate: 8000Hz,16000Hz,32000Hz and 48000Hz. Press MODE to save the selected Bitrate.

```
Rec Bitrate
8000Hz
```

4.8 Language setup

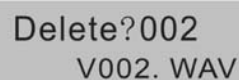Our player only support English language..

5. EXIT SETUP

On the menu, pull Joystick to choose Exit and press Joystick in to return to last menu.
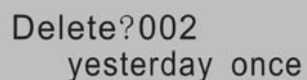
6. ERASE SINGLE FILE

Pull Joystick as ▶▶ or ◀◀ to select the music file, and press ▶▶ key to confirm erasing or press Joystick to exit.

Delete Recording file

```
Delete?002
    V002. WAV
```

Delete Music file

```
Delete?002
    yesterday once
```

Reminder: You can't erase the music file which is " read-only"

7. MEMORY

Check the total memory of the unit and available memory capacity.

8. HOLD FUNCTION

On any playback mode, push Hold key per arrowhead direction to lock the player. On the hold mode, none of the function except power STANDBY/OFF is can be used..
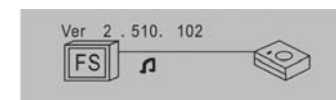
9 LYRICS DISPLAY WITH MP3/WMA?

This player supports the lyrics function with MP3/WMA playback
Reminder?
1) Lyrics file format should be *.LRC
2) File name should be same as the song's name
3) Lyrics file should be placed in the same folder of the song

10. USB MODE

Plug the player into USB connector of PC. The LCD will show related images.

```
Ver  2 . 510.  102
FS  ♫              ⊘
```

11. TROUBLE-SHOOTING

Description	Reason analysis	Solutions
Press ▸II, but don't display	1) No battery in the compartment 2) Battery is out of power 3) Power key is not on "stand-by" position	1) Check the battery 2) Push power key to "stand-by " position
No sound at playing	1) Low volume or no music inside the memory 2) Battery is out of power 3) MP3/WMA/WAV music file is destroyed	1) Adjust volume 2) Change new battery 3) Download other music files
Can not download from PC	HOLD key is on the lock position	Push HOLD key to the opposite direction of arrowhead
Can not play the MP3 file that is made by user	This player can only support the standard compressed format. Please don't download non-standard MP3 music especially Layer-2	Re-download the standard MP3/WMA file
MP3 Player cannot be recognized by computer	Operation in WRONG way	Format player
No function on buttons	HOLD key is on the lock position	Push HOLD key to the opposite direction of arrowhead

ATTENTION!
This instruction manual is available on-line at the web-site:

www.roadstar.com.

We suggest to download and print a copy for reference.

12. SPECIFICATIONS

Bit rate:	32~320Kbps
S/N ratio:	>90db
Frequency:	>80(1KHZ)
Distortion:	<0.05%
USB port:	USB2.0 full speed
Dimension:	76.4*30*17
Weight:	<35g
Output power:	10mW*2
Memory size:	256 Mbytes
MP3 / WMA (Support DRM 9.0)	
Battery life:	>10 hrs, low power consumption
File-saving conditions: humidity	<90%, normal temperature
Contrast of LCD:	0-10
Backlight adjustment :	5s,10s,always on,off
Voice recording:	8KHz/16KHz/32KHz/48KHz
Language:	English
ID3 Tag display with Lyrics,	7 colour backlight
1 headphone jack	
Operation conditions:	humidity <85%, -10~40 degree
Auto-off:	1min, 2min, 5min, 10min,close

* Only for WMA files with no DRM protection

Specifications subject to change without notice.