FCC DECLARATION

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.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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.

Shield cable must be used with this unit to ensure compliance with the class B FCC limits.

Getting Started

INTRODUCTION
Digital Audio Player (DAP) – MMP3731

Your Digital DRM Player is a device that stores and plays multi-format digital audio files including MP3, WMA and WAV files. Downloading hours of music from your PC, transfer them into your DAP or use it for voice/FM tuner recordings. Please read this manual carefully before using this product for the first time.

KEY FEATURES

- Multi-format player supports: MP3, DRM, WMA and WAV files.
- USB data transfer.
- Windows Plug & Play support for Windows ME, 2000 and XP and Mac OSX.
- Windows 98SE compatible: Driver required.
- Built in FM tuner with auto scan and preset up to 10 stations.
- Voice recording and FM tuner records FM radio programs.
- Six different music equalizer levels.
- Power saving feature.
- Battery level indication.
- Firmware Upgradeable
  - Update the latest features via free download from the website at: www.memorexelectronics.com

PACKAGE CONTENTS

The packaging should include the following accessories:
- Digital Audio Player
- USB Cable
- Installation CD-ROM
- Stereo Earphones
- Carrying Case
- User Manual
- Quick Start Guide

INSTALLING the Battery

Push the button and slide opens the battery compartment door. Insert the battery with the correct polarity as show. Close the battery compartment door.


(Picture of the Battery installing)

- To avoid battery leakage or corrosion, remove the battery from the player if the player is not to be used for a long time.
- Remove dead battery from the player immediately to avoid damaging the player.
- When corrosion occurs, wipe the battery compartment immediately with a dry cloth and insert a new battery.

PARTS DESCRIPTION
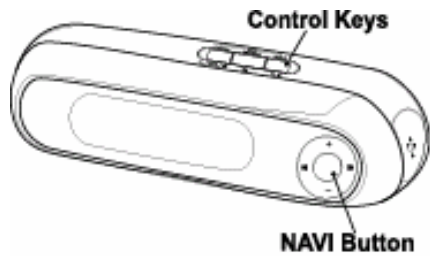
(Picture of the unit side 1)
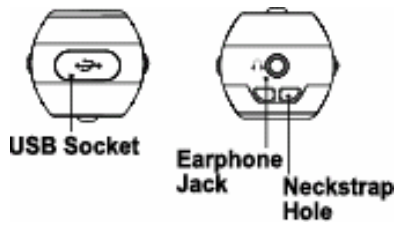
(Picture of the unit side 2)

CONTROLS

      Key Functions
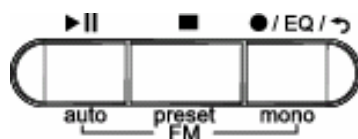
(control key picture 1)

mode   Press to access into the Main Menu.
   Press and hold to access into the Settings Menu.

HOLD   Slide to the left to lock all keys' functions.
             Slide to the right to unlock all keys' functions.

      Key Functions

(control key picture 2)

●/EQ/O   Record / Equalizer / Repeat button

Press to access into the Repeat mode.
Press and hold to access into the Equalizer mode.
Press to record in FM tuner or Voice mode.

mono   Mono button (For FM Radio mode)

■   Press and hold to turn the player OFF.
Press to stop the music files.

preset   Preset button (For FM Radio mode)

►ıı   Press to turn the player ON.
Press to play or pause the music files.

auto   Auto button (For FM Radio mode)

There is a joystick key in the center that can be used to control several key functions. Pushing the button up, down, left, right or pressing it down will achieve the following actions:

In Navigation Mode:

⬤   Confirm selection

:   Push to the right to select the next file.
Push and hold to the right to fast-forward within the files.

9   Push to the left to select the previous file.
Push and hold to the left to fast-rewind within the files.

-    Push downward to decrease the volume.
Push and hold downward to decrease the volume rapidly.

+   Push upward to increase the volume.
Push and hold upward to increase the volume rapidly.

LCD Screen

(Picture of the LCD display picture and description)

002 00:38 ⬛⬛
MP3 Memorex
ROCK Digital Audio

Downloading and Transferring Files

USB DRIVER INSTALLATION

For Windows ME, 2000 or XP:
These versions of Windows will automatically detect your DAP after connecting with the USB cable and the computer. (Please make sure the DAP is turned ON.)

For Windows 98SE:
Windows 98SE will not recognize the player until you have installed the driver using the included installation CD-ROM. Follow the detailed instructions in this section to activate the USB mass storage function, so you will be able to transfer files from your computer to your player.

Installation Procedures for the Player Software
(For Windows 98SE only)

When connecting the player to the computer for the first time, please follow these instructions:

1. Insert the CD-ROM into the CD Drive. The auto-run program will display as shown (Figure 1). Click "YES" to install the driver (Figure 2).
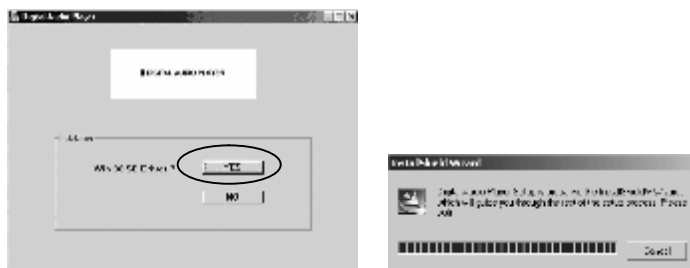
(Picture 1) (Picture 2)

Remarks: If the setup does not start automatically, please run the install.exe in your CD-ROM drive directory. Double click "install.exe" in the installation CD.

---

2. Follow the on screen instruction to install the software.

(Picture 2)

Please install the software under the directory as prompted.

(Picture 3)

> **Warning: DO NOT change the installation path. Otherwise, the Player driver may not run properly**.

3. After successfully installing the driver software, Windows will ask you to restart your computer system. Click "Yes" to restart your system.
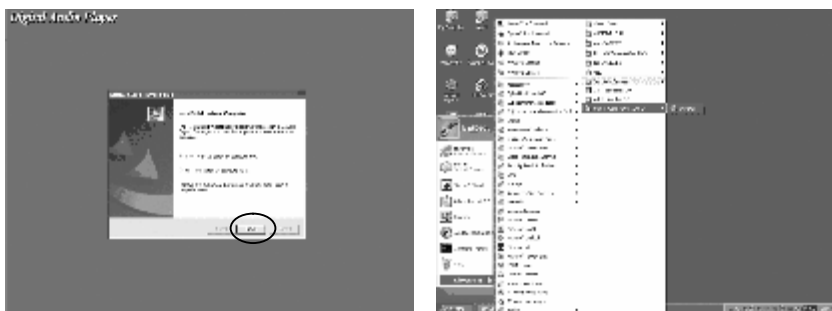
(Picture 4)

4. When the installation is completed, the new program will be added to your **Program** menu in the computer.

TRANSFERRING FILES

Connect the DAP by direct plug in or using the supplied USB cable to the computer. Press the ►❙❙ button to turn the player ON. The following will be displayed on the LCD screen of your DAP:
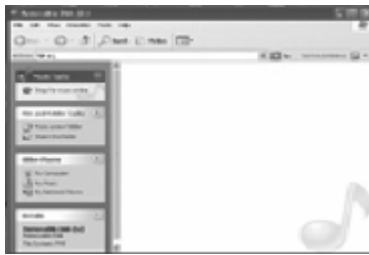

(Mass Storage picture)

A "Removable Disk" will be added in My Computer. Open the "Removable Disk" folder:

(Removable Disk folder)

Locate the files you wish to copy from your computer to your player. Drag and drop MP3, WMA or WAV files on your computer into the "Removable Disk" folder. These files will now be copied into your DAP.

Note: When you are finished transferring files, use the Safely Remove Hardware procedure before disconnecting your player. (Please see the next section for detailed instructions.)

SAFELY REMOVE HARDWARE PROCEDURE

1. Double click the "Safely Remove Hardware" icon on the task bar:

(picture of Hardware icon)

2. From the "Safely Remove Hardware" window, select "USB Mass Storage Device" and click the "Stop" button. The "Stop a Hardware Device" window will pop up as shown:

(picture of hardware device)

3. Click "OK". A "Safe to Remove Hardware" window will pop up. Now, it is safe to remove the USB Cable and the DAP from the computer.

(picture of safe to remove hardware)

Remarks: If the "Safely Remove Hardware" icon is not displayed on the task bar, please double click on My Computer. Right click on "Removable Disk", left click on "eject". Then it is safe to remove the DAP from the computer.

Operation

LISTENING TO MUSIC

After you have transferred MP3, DRM, WMA or WAV files from the computer to the DAP, you can start listening to music while you learn how to use the rest of the features.

Insert the earphones into the earphone jack of the player; press the ▶ɪɪ button to turn the player on. The first song will immediately begin to play. Use the control keys to play, pause, stop, forward, reverse and adjust the volume.

USING THE MAIN MENU

Press the `mode` button to access the MAIN MENU. The following menu will be displayed on the LCD screen:

Push ⬆ or ❾ until your desired selection is highlighted and press the ⬤ button to confirm the selection.
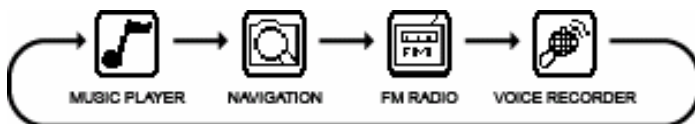
MUSIC PLAYER

To listen to any files or songs stored in your DAP or run the Program List, you can select the MUSIC PLAYER mode.

Using Special Functions

Equalizer Mode (EQ)

The current equalizer mode is displayed in the lower left hand corner of the LCD screen in a rectangular block with a black background.

Changing the EQ mode
- Press and hold the (I /EQ/O) button until the current mode is displayed with a clear background. Keep pressing the (I /EQ/O) button repeatedly to select one of the six equalizer modes:

    NORM **POP** **JAZZ** **ROCK** **CLASS** **UBASS**

- Stop pressing the (I /EQ/O) button when your desired selection is displayed with a clear background. The background will turn back to the black after a few seconds.

Repeat Button

Press the (I /EQ/ O) button repeatedly to select different repeat mode options. As each mode is selected, the following icons will displayed in the upper right hand corner of the LCD screen:

" SHF " Randomly play all the files in the player once.
" SHF↪ " Randomly play all the files in the player continuously.
" ONE↪ " Plays a single file repeatedly.
" ALL↪ " Play all the files repeatedly in consecutive order.
" → " Edits and plays one section repeatedly. Press ⬤ button once to start \with point A A→ and press ⬤ button again to end with point B A→B.
" ▣ " Plays the play list once. (The play list must be created before using this function.)
" ▣↪ " Plays the play list repeatedly. (The play list must be created before using this function)

NAVIGATION

You may search for, listen to, and program the play list in the Navigation mode. Press the MODE button and use the ╏ or the ❾ button to highlight the Navigation ▣ icon as shown.

MAIN MENU
NAVIGATION

(picture of Porgram)

Press the ⬤ button to confirm and access in the Navigation menu.

All the files are displayed on the LCD in the Root/ folder. FM recorded files are stored in the FM/ folder and voice recorded files are stored in the Voice/ folder.

Creating a play list
- Enter into the Navigation menu
- Push (+) or (-) button to highlight a desired song or file.
- Press the (I /EQ/ O) button; a number icon (01, 02 etc.) will be displayed next to that song or file.
- Press the (I /EQ/ O) button to confirm the song or file selection; the number icon will disappear and the file or the song will be added to the play list.
- Follow these steps with each file you would like to add to your play list.
- Press the ►II button to exit from the Navigation menu.

Note: You can only program the same file into the play list once.
You cannot delete a file while it is playing.

Deletion
- Enter into the Navigation menu.
- Push (+) or (-) to highlight a desired song or file.
- Press the n button; a [DELETE FILE/CLEAR LIST] box will display.
- Push (+) or (-) to select between Delete File and Clear List
- Press ⬤ to confirm; a [YES/NO] box will display.
- Push : or 9 to select between Yes and No.
- Press ⬤ to confirm the selection.
- Press the MODE button to exit from the Navigation menu.

Note: You cannot delete the file while it is playing.
Certain files can only be deleted through the computer only.

FM RADIO

The DAP has a built-in FM tuner with auto scan and ten station memory. In addition to listening to your favorite station, you can also record a song or program.

Press the MODE button and use the : or the 9 button to highlighted the FM Radio 🖳 as shown:

MAIN MENU

Press ⬤ to confirm the FM Radio mode.

Setting FM Stations with Auto Scan

- If the (PRESET) icon is displayed in the LCD, press the **n** button to clear it.
- Press and hold the ►ıı button to begin auto scan. The (AUTOSCAN) icon will be displayed in the LCD. Each detected FM station will be stored in memory with a channel number icon from [C01] to [C10] next to the station frequency.

Note: Each time auto scan is performed the previously preset channels will be overwritten by new FM stations detected. Only the last 10 FM stations will remain in the memory.

Setting FM Stations Manually

- If the (PRESET) icon is displayed in the LCD, press the **n** button to clear it.
- Push **:** to increase the FM frequency. To fast forward scan, press and hold the **:** button. The unit will stop at each FM Station detected.
- Push **9** button to decrease the FM frequency. To fast rewind scan, press and hold the **9** button. The unit will stop as each FM Station is detected.
- To store each station into memory, press the ►ıı button. The (STORE) icon will be displayed
- Push **:** or **9**; a channel number will appear next to the FM frequency in the LCD for the first time setting.
-

    (STORE) ▭▬▭ ◪◪◪

-   C01 87.5MHz

- To select a different channel number, use the **9** or the **:** button.
- Press the ►ıı button to store this FM frequency in the selected channel number. (The (STORE) icon will clear from the LCD screen.)

Using the Preset Channel
- Press the **n** button to display the (PRESET) icon.
- Use the **:** button to select the next preset station and use the **9** button to select the previous preset station.

Recording a FM Radio Station

- Press and hold the (**l** /EQ/O) button to start recording.
- Press the **n** button to stop recording.
- The recorded file is saved as a WAV format.

Notes: The volume is not controlled during recording. If the signal is weak, the (stereo) icon will disappear and the system will operate in mono.

VOICE RECORDER

Use your DAP to record quick reminder memos or even lengthy business meetings or lectures.

Press the MODE button and use the **9** or the **:** button to highlight the Voice Recorder icon as shown.

Press ⬤ to confirm and enter the Voice Recorder mode.

Recording a Voice Message
- Press the (**l** /EQ/**O**) button to start recording.
- Press the **n** button to stop recording.
- The recorded file is saved as a WAV format.

Listening to the Recorded File
- Press the ▶ıı button to listen the recorded file.
- Press the **n** button to stop listening.
- Press the **9** button to select the previous recorded file.
- Press the **:** button to select the next recorded file.

Notes: The volume is not controlled during recording. You may select three different quality levels for recording.

Customizing the Player

USING THE SETTING MENU

The Setting Menu provides the options to change the player settings, displays, and resolution.

Press and hold the MODE button to display the SETTING MENU on the LCD screen.

Press the **:** or the **9** button to select one of the following setting options: Play List, Recording Resolution, Contrast, Equalizer, Play Timer or Light Timer. Once your selection is highlighted then press ⬤ to confirm.

To exit the SETTING Menu, press the MODE button.

Setting Features

Play List Setting (picture of playlist)

Push (+) or (-) button to select the desired file
Press the **n** button; a [CLEAR ITEM / CLEAR LIST] box will be displayed on the LCD screen.

(Picture of Clear Item)
Push (+) or (-) to select clear item or clear list and press ⬤ button to confirm. Press the **n** button to cancel.
Push **:** or **9** button to select [Yes / No] to clear the selection.
Press ⬤ to confirm the selection.

Note: If you have deleted or not programmed a play list, "PLAYLIST EMPTY" will display on the LCD screen.

Recording Resolution Setting

Push (+) or (-) to select one of the three voice recording resolution:
Low, Normal, or High
Press ⬤ to confirm the resolution selection.

Contrast Setting

Press the **:** or the **9** button to adjust the LCD contrast level.
Press ⬤ to confirm the contrast level.

Equalizer Setting

Push (+) or (-) button to select one of the six music equalizer modes:
Normal, Rock, Ultra Bass, Jazz, Pop, or Classical.
Press ⬤ to confirm the equalizer mode.

Play Timer Setting

Push (+) or (-) to select between ELAPSED TIME and REMAINING TIME.
Press ⬤ to confirm the play timer selection.

Light Timer Setting

Push (+) or (-) to select duration of the backlight timer:
5 sec, 10 sec, 15 sec or Off
Press ⬤ to confirm the timer selection.

Additional Information

PRECAUTIONS

Copyright
- Making copies of MP3 tracks or files without permission is a violation of the international copyright laws.

Safety
- Vibration experienced during walking or exercising will not affect the player. However, dropping the player or dropping a heavy object on the player may result in damage or sound distortion.
- Avoid spilling any liquid onto or into the player.

- Do not leave the player in a location near extreme heat sources or in a car with the windows closed during excessive heat. Do not leave in a place subject to direct sunlight, excessive dust or sand, moisture, or rain.

FCC Warning:
- This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment in an unauthorized change or modification is made.

On Headphones and Earphones

Road Safety
o Do not use the headphones/earphones while driving, cycling, or operating any motorized vehicle. It may create a traffic hazard and is illegal n some areas. It can also be potentially dangerous to play your headsets at high volume while walking, especially at pedestrian crossing and potentially hazardous situations.

Preventing Hearing Damage
o Avoid using the headphones/earphones at high volume. Hearing experts advise not to play loud music for a long period of time. If you do experience ringing in your ears, reduce the volume or discontinue use.

Consideration for Others
o Keep the volume at a moderate level. This allows you to hear the sound and still be considerate to the people around you.

CE Warning

The exclamation point within the triangle is a warning sign alerting the user of important instructions accompanying the product.

This unit must not be exposed to moisture or rain.

Ensure all connections are properly made before operating the unit.

This unit should be positioned so that it is properly ventilated. Avoid

placing it, for example, close to curtains, on the carpet or in a built-in installation such as a bookcase.

Do not expose this unit to direct sunlight or heat radiating sources.

The player may lock up or temporary lose its function due to electrostatic discharge or other electrical disturbance, but normal function resumes when the device is reset.

TROUBLE SHOOTING

Should any problem persist after you have checked these symptoms, consult your dealer or contact the support site at www.memorexelectronics.com

Symptom	Possible Reason	Actions
No Power	The battery is exhausted.	Replace the battery.
No Sound from Earphones	The earphones are detached from the unit.	Re-insert the earphones again.
	The volume is set to "minimum".	Increase the volume.
	The battery is exhausted.	Replace the battery.
	The earphones jack is contaminated or oxidized.	Clean the earphones jack.
	Corrupted MP3 or WMA file.	Download the files again.
Invalid Character on LCD	The Language is not supported.	Visit our web site to check whether a new version of firmware is available.
Poor FM Reception	Weak Signal.	Adjust the position of player and earphones.
	Electrical interference by other electrical appliances.	Turn off the electrical appliances.
		Walk away from interference sources.

Failed to Download or Upload of MP3/WMA/WAV files	The battery is exhausted.	Recharge/Replace the battery.
	Faulty connection of USB cable.	Re-plug the cable at both ends.
	Damaged USB cable.	Replace USB cable.
	Memory is full.	Release some memory space by deleting some files.
Cannot record Voice or FM Tuner	Memory is full.	Release some memory space by deleting some files.

TECHNICAL SPECIFICATIONS

Category	Item	Specification
Audio	Frequency Range	20Hz – 20KHz
	Headphones Output	20mW, 16ohm (Max. Vol)
	S/N Ratio	85db (MP3)
File Support	MP3	MPEG 1/2/2.5 Layer 3
	WMA	Windows Media Audio
	WAV	ADPCM encoding
	Bit Rate	8kbps – 320kbps
	Tag Info	ID3 Tag
FM Tuner	FM Frequency Range	87.5MHz – 108 MHz
	Antenna	Headphones/Earphones Cord Antenna
	Dimension	85 x 26 x 24 mm
	Weight	Approx. 1.0 ounces (without battery)
	Battery	1 x AAA battery
	LCD	Full Graphic with Backlight
	Language	English
	USB	USB 1.1
	Built-in Memory	256MB
	Max. Playtime	Approx. 10 hours (128kps, MP3)
	Supported OS	Win ME, 2000, XP and Mac OSX Win 98SE (Driver is required)
	Voice Recording	Approx. 9 hours (Low resolution)
	Firmware Upgradeable	Yes (Except Windows 98 and Mac)
	Operating Temperature	23 F to 104 F (-5 C to 40 C)

<u>Specifications are subject to change without notice.</u>

CARE AND MAINTENANCE

Your Digital Audio Player is a precise electronic device, and should not be subjected to rough handling or exposed to extreme temperatures or moisture. Do not use chemical agents or liquids to clean the unit, as they may damage the plastic.

Please Retain this Information for Future Reference

The manufacturer reserves the right to make any technical changes without notice in the interest of progress.

Declaration

Our company will not be responsible for any mistakes in this manual. Prior notices will not be given in case of any amendments within the manual. The corresponding companies own the mentioned trademarks and names.

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VOICE RECORDER

Customizing the Player
Using the SETTING MENU
PLAY LIST
REC RESOLUTION
CONTRAST
EQUALIZER
PLAY TIMER
LIGHT TIMER
Additional Information
Precautions
Trouble Shooting
Technical Specifications
Upgrade Firmware Procedure
Formatting the Memory Procedure
Care and Maintenance