Thank you for your purchase of our product.

Please read this manual carefully before use.

Table of Contents

1.   Key Features

2.   Basic Operation

4.   Additional Information

3

FCC Certification

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.

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.

4

-- Consult the dealer or an experienced radio/TV technician for help.

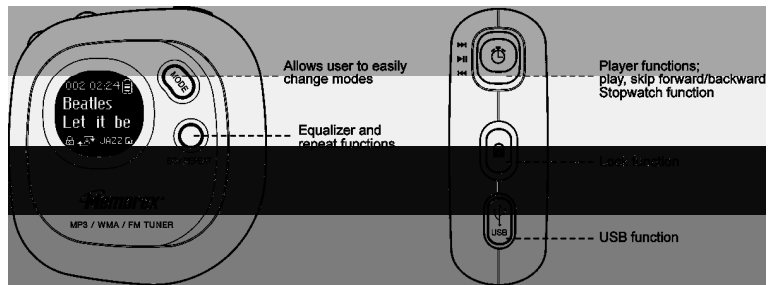Shielded cables must be used with this unit to ensure compliance with the Class B FCC limits.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance would void the user authority to operate the equipment.
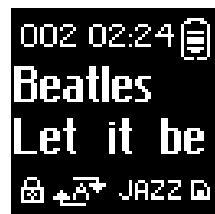
5

1.　Key Features

• Digital Audio Player

　　Supports MP3 and WMA.

• USB interface for uploading downloading files

　(compiled to USB V1.1)

• Firmware Upgradeable

　　Provides the latest updated features via free downloads from our

　　website and upgradeable to other digital music formats if

　　available.

• Full Graphic LCD for displaying information with backlight.

• FM Tuner function with memory function (Preset channel).
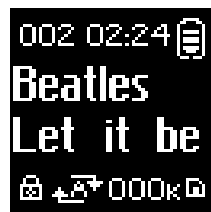
• 6 Equalizing Patterns

• Low battery level detection.

• The Digital Audio Player will power off automatically if the player is

idle for approximately three minutes.

• Support for Win ME, Win 2000 and Win XP.

Function Keys

Allows user to easily change modes

Equalizer and repeat functions

Player functions;
play, skip forward/backward
Stopwatch function

Lock function

USB function

LCD Windows

002 02:24
Beatles
Let it be
000K

2. Basic Operation

• Installing the Driver (for Win 98 and Win 98SE only)

The USB mass storage function will not be activated without driver installation. To activate the USB mass storage function, please use the installation CD-ROM to install the driver.   The firmware upgrade program cannot run in Win98 environment.

1. Install the "Digital Solid State Audio Player" program in your computer

    1.1 Insert the Installation CD

    1.2 An InstallShield Wizard will pop up automatically

    1.3 Click on **Next** to proceed the installation

    1.4 Once the installation is done. Click on **Finish**

Remarks:

No Driver is required for Win ME, Win 2000 and Win XP.   The OS will detect the Audio Player automatically after connection with the USB port is established.

• **Firmware Upgrade Procedure**
   For WinME, Win2000 or WinXP only

1. Install the "Digital Solid State Audio Player" program in your computer
   1.1 Insert the Installation CD
   1.2 An Install Shield Wizard will pop up automatically

1.3 Click on **Next** to proceed the installation

1.4 Once the installation is done. Click on **Finish**

2. Firmware Download

2.1 Download the latest firmware from our website
www.memorexelectronics.com. Unzip the
firmware file into the directory
C:\Program\Digital\Audio digital player

2.2 Click on **Start** and select **Program**. From program,
select the DFP Solid State Audio Player, then click
on **Update**.

2.3 An Update dialogue box will pop up. Click on **Start**
and the application program will begin to
download the firmware.

13

Remarks:

Some memory space in Flash Memory is reserved for Firmware

Upgrade Features. Therefore,usable memory space will be less than

128MB (MMP8500)

- **Formatting the Player**

    1. Click on **Start** and select **Program**. From program,
        select the DFP Solid State
        Audio Player, then click on **Format**.

    2. A Format dialogue box will pop up, click on **Start**
        and the application program will format the Player.

- **Operating in different modes**

    1. The Digital Audio Player can operate in different
        modes (*Music Mode*, *FM Tuner Mode*, *and Stop
        Watch Mode*).   Press MODE button once for
        Mode Selection Menu.

    2. Press ◄◄ or ►► buttons to switch to different
        modes.

15

• Music Mode Operation

1. Insert the earphone plug into the earphone jack of the Digital

    Audio Player.

2. Turn on the unit by pressing ■ button.

3. Press ▶ ❙❙ to play music.

4. Press ▶ ❙❙ again to pause during music playback.

5. Press ⏻ button to stop playing music.

6. Press + button to increase the volume.

7. Press - button to decrease the volume.

8. Press ◄◄ button to select the previous track.

17

9.   Press ⏭ button to select the next track.

10. Press and hold ⏮ button for fast reverse.

18

11. Press and hold ⏩ button for fast forward.

12. Slide HOLD switch to lock all buttons. In this mode the buttons will not function when pressed.   This is useful so that you don't accidentally change your settings.   (In the case of the stop status in the *Music Mode*, the player turns off automatically.)

13. Press■ to stop playing music. Then press and hold ⏻ key three seconds to power off the player. Holding down the ■ key will turn the player on again.

```
Holding To       Holding To       Holding To
Power Off        Power Off        Power Off
[▮    ]          [▮▮   ]          [▮▮▮  ]
```

• **FM Tuner Mode Operation**

While playing in the *Music Mode*, press MODE button to select

FM Tuner Mode before proceeding to the next step.

   - FM Tuning

      • Auto Scanning the whole FM band

        -If the **PRESET** icon is on, then press ⏻

        button   to turn off the **PRESET** icon.

      • Then press and hold button ▶ II to start auto

       scanning the whole FM band.

21

- Each FM station detected will be stored in the

10 preset channels (new FM stations

detected

will overwrite previous presets).

• Manual Preset FM Band

- If the **PRESET** icon is on, press ⏻ button to

turn off the **PRESET** icon.

22

- Press ⏭ to increase FM frequency.　The unit

will start the Auto Scan function if the ⏭

button is pressed and held for a longer

time.

　The unit will stop when the next FM station is

detected.

- Press ⏮ to decrease FM frequency.　The

unit

will start the Auto Scan function if the ⏮

button is pressed and held for a longer

time.

The unit will stop when the previous FM

station is detected.

- Press ▶ ❚❚ button once, then **STORE** and

23

Channel number icons will be shown on

LCD.

    - Press ⏭ to increase Channel Number.

    - Press ⏮ to decrease Channel Number.

    - Press ▶ Ⅱ button again to store this FM

        frequency in the selected channel

number.

    (The **STORE** icon will be turned off)

• Operating the Preset Channels

    - If the **PRESET** icon is off, then press ⏻

        button to turn on the PRESET icon.

    - Press ⏭ to increase the preset channel by 1.

    - Press ⏮ to decrease the preset channel by

        1.

24

- To delete a preset channel, press and hold

▶ II button.

• Stereo Operation

Press and hold the **EQ** button to toggle the **STEREO** icon **ON** and **OFF.**
When the **STEREO** icon is **OFF**, reception will be in Mono. If the unit is
in the STERO mode, but the FM signal is weak, then the **STEREO** icon
will not be turned on and reception will be in Mono.

25

Stop Watch Mode Operation

• Press the MODE button

• Press ◄◄ or ►► to select Stop Watch

• Press ► ‖ button to Start timing

• Press ► ‖ button to Stop timing

• Press ⏻ button to reset the timer.

3.   Useful Features

• EQ Mode

    - Press and hold EQ/REPEAT button while playing music to
display the current EQ status.   Then press EQ/REPEAT button
again to scroll the six EQ modes (Normal, Rock, Classic, POP,
Jazz and Ultra Bass).   The program will exit the *EQ Mode* if no
consecutive key pressed.

• Repeat Mode

    - Press the EQ/REPEAT button to toggle among different *Repeat*

27

Mode functions.

- Play a single file repeatedly. ⟳
- Play all files in the player repeatedly. ⟳
- Randomly play all files in the player repeatedly and stop. ⇄
- Randomly play all files in the player repeatedly. ⟳

• **Setting Mode**

- Press and hold the MODE button; the *Setting Mode* Menu will

be shown on the LCD.

- Press the ◄◄ or ►► button to scroll through different setting

options (*CONTRAST, EQUALIZER, PLAY TIMER and LIGHT*

TIMER).

- After pointing to the requested option, press + to confirm this

selection.   Press the ◄◄ or ►► button to change the setting

Pressing - again to return to *Setting Mode* Menu.

- Press - to quit the *Setting Mode* Menu and return to normal

operation.

29

LIGHT TIMER ◀2

30

4. **Additional Information**

External Memory Card

Copy music files to memory card

1. Insert the external memory card and connect the audio
   player to the computer.

2. Copy the music files to the removable drive.

Installing the Battery

1.   Slide and open the battery compartment door.

2.   Insert the battery with the correct polarity.

3.   Close the battery compartment door.

Notes:

 - 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 a 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.

RealOne Player Installation

1. Insert the Installation CD
2. Click on **Start** and select **Program.** From program, click on **Windows Explorer**.
3. Select the directory of CD-ROM from **Windows Explorer**, and click on the folder of **RealOne Player**.   Different versions of the application program will be displayed.
4. Double click the version that you want to install in computer; the installation will then begin automatically.
5. Follow the RealOne Install Wizard step by step to finish the installation.

34

Safe Removal Procedure

Before disconnecting the Digital Audio Player from the USB cable, please make sure the following procedure is followed; otherwise damage may occur to the Player.

> ➢ Double click the **"safe removal"** icon on the task bar; the **"Unplug or Eject Hardware"** window will be pop up. You can select the device you want to remove. You can now safely unplug the device from the USB port of your computer.

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	➢ Check whether the battery is exhausted.	➢ Replace with a new battery.
	➢ Check whether the battery had been inserted in properly.	➢ Re-insert the battery. according to the polarity.

No Sound from earphones	➢ Check whether the jack is detached from the unit.	➢ Re-insert the earphones again.
	➢ Check whether VOLUME is set to "0".	➢ Increase the volume.
	➢ Check whether the battery is exhausted.	➢ Replace with a new battery.
	➢ Check whether the plug is contaminated or oxidized.	➢ Clean the jack.

	➢ Corrupted MP3 or WMA file.	➢ Download the files again.
	➢ Weak signal.	➢ Adjust the position of the Player and earphones.
Poor FM Reception	➢ Electrical Interference by other electrical appliances.	➢ Turn off the electrical appliances. ➢ Walk away from interference sources.

Failed to download or upload of MP3/WMA file	➢ Check whether the battery is exhausted.	➢ Replace with a new battery.
	➢ Check the connection of the USB cable.	➢ Re-plug the cable at both ends.
	➢ Damaged USB cable.	➢ Replace with a new USB cable.

Precautions

• Copyright

   - Distributing copies of MP3 tracks without permission is a

      violation of 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 heat sources or

   in a place subject to direct sunlight, excessive dust or sand,

   moisture, rain, mechanical shock, or an unleveled surface

40

or in a car with the windows closed during periods of excessive heat.

• On Headphones and Earphones

- Road Safety

Do not use headphones while driving, cycling, or operating any motorized vehicle. It may create a traffic hazard and is illegal in some areas. It can also be potentially dangerous to play your headset at a high volume while walking, especially at pedestrian crossings. You should exercise extreme caution or discontinue use in potentially hazardous situations.

- Preventing hearing damage

Avoid using the headphones at a high volume.

Hearing Experts advise not to play music loudly and

for continuously long periods. If you experience a

ringing in your ears, reduce the volume or

discontinue using the headphones.

Have consideration for others

Keep the volume at a moderate level. This allows you

to hear the sound from outside and to be considerate

to the people around you.

Included Accessories

• Earphone

• USB cable

• User Manual

• Installation CD

• Carrying Case and Arm Band

• Warranty Card

Technical Specification

Category	Item	Specification
Audio	Frequency Range	20Hz – 20KHz
	Headphone Output	20mW, 16ohm (Max.Vol)
	S/N Ratio	85dB (MP3)
File Support	File Type	MPEG 1/2/2.5 Layer 3, WMA
	Bit Rate	8Kbps – 320 Kbps
	Tag Info	ID3 Tag
FM Tuner	FM Frequency range	87.5MHz – 108MHz

	Antenna	Headphone/Earphone Cord Antenna
Dimension		
Weight		
Battery		1 AAA size Alkaline Battery
LCD		Full Graphics with EL Backlight
Language		English
USB		USB 1.1
External Memory		SD or MMC
Built-in Memory		128MB
Max. Playtime		Approx. 10 hours (128Kbps, MP3)
Supported OS		Win ME, Win 2000, Win XP
Firmware Upgradeable		Yes (Except Win98)

Operating Temperature	-5°C to 40°C

Care and Maintenance

Your Digital Audio Player is a precision 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.   Be sure to remove the batteries before cleaning the unit.   Weak batteries should be replaced promptly, since they can leak and damage the player.   Use only alkaline or zinc carbon batteries. Do not mix different types of batteries or new and used batteries. Do not recharge non-rechargeable batteries.   Use only recommended batteries or equivalent.   Be sure to observe the correct polarity when inserting the batteries.   Worn out batteries

should be removed from the unit promptly.   Do not short-circuit the supply terminals.

Please retain this information for future reference.
Memorex reserves the right to make 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 mentioned trademarks and names are owned by the

respective companies.

FOR ADDITIONAL SET-UP OR OPERATING ASSISTANCE, PLEASE VISIT OUR WEBSITE AT WWW.MEMOREXELECTRONICS.COM OR CONTACT CUSTOMER SERVICE AT 1-800-919-3647.

PLEASE KEEP ALL PACKAGING MATERIAL FOR AT LEAST 90 DAYS IN CASE YOU NEED TO   RETURN THIS PRODUCT TO YOUR PLACE OF PURCHASE OR MEMOREX.

FOR PARTS AND ACCESSORIES, CONTACT FOX INTERNATIONAL AT 1-800-321-6993.