SOUL®

User Manual

Digital Audio Player DFP-100

MP3 / WMA / FM Tuner / Voice Recording / Mass Storage

Thank you for your purchase of our product. Please read this manual carefully before use.

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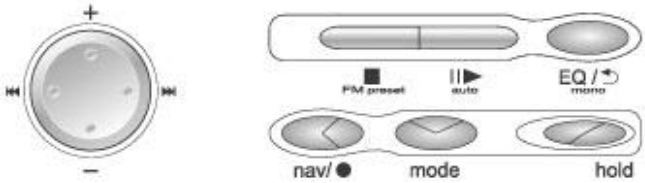
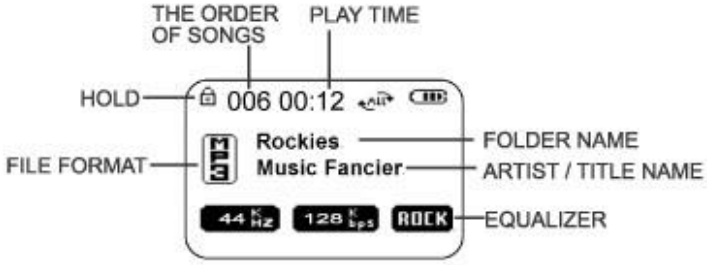
1 Key Features

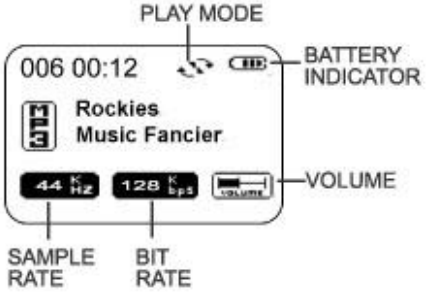
- Digital Audio Player
  Supports MP3 and WMA.
  Supports WAV format (ADPCM Encoding)
- USB interface for upload and download files (USB 1.1)
- Firmware Upgradeable
  Provides the latest updated features via free downloads from our website and upgradeable to other digital music format if available.
- Full Graphic LCD for displaying information with backlight.
- FM Tuner function with memory function (Preset channel).
- 6 Equalizing Patterns
- FM Tuner recording function.
- Built-in microphone for Voice Recording Function (High Quality, Normal Quality and Long Play selectable).
- Programmable Music Playlist.
- Low battery level indicator.
- The Digital Audio Player will power off automatically if the player is idle for about 3 minutes.
- Support for Windows ME, Windows 2000 and Windows XP.

Function Keys



LCD Window





2 Basic Operation

Installing Driver (for Windows 98 and Windows 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.

Remark:
No Driver is required for Windows ME, Windows 2000 and Windows XP. Windows will automatically detect the Audio Player after connection with the USB port is established.

Upgradeable Firmware Procedure
For Windows ME, Windows 2000 or Windows XP only

1. Install the "Digital DFP Solid State Audio Player" program in 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 website www.soulplayer.com. Unzip the firmware file into the directory **C:\Program\Digital\DFP**
   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.

   Remarks:
   Some memory space in Flash Memory is reserved for Firmware Upgrade Features. Therefore, usable memory space will be less than 128MB / 256MB, where applicable.

Format the Player

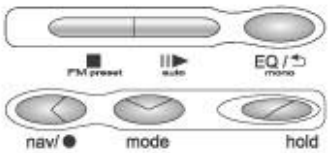
1. Click on **Start** and select **Program**. From program, please select the DFP Solid State Audio Player, then click on **Format**.
2. A Format dialogue box will pop up, click on **Start** and the application program will format the Player.

Operating with different modes

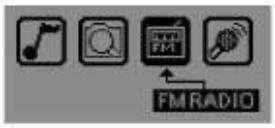
- The Digital Audio Player can operate with different modes *(Music Mode, FM Tuner Mode, Voice Recording Mode and Navigation Mode)*. Press **MODE** button once for Mode Selection Menu.
- Press ⏮ or ⏭ buttons to switch to different mode.
- Press **NAVI** to confirm the selection or press **MODE** button to quit without any change.

Operating with Music Mode

- Insert the earphone plug into earphone jack of the Digital Audio Player.
- Turn on the unit by pressing ⏯ button.
- Press ⏯ button to pause during playing music.
- Press ■ button to stop playing music.
- Press + button to increase the volume.
- Press - button to decrease the volume.
- Press ⏮ button to select previous track.
- Press ⏭ button to select next track.
- Press and hold ⏮ button for rewind.
- Press and hold ⏭ button for fast forward.
- Slide **HOLD** switch to lock all buttons. All buttons will not function. (If the unit stops during Music Mode or Voice Recording Mode, unit will automatically shut off after about 3 minutes.)
- For fast selection on the music stored in the Player, press the **NAVI** button to see a list of files.



Operating the FM Tuner Mode



While playing in *Music Mode*, press **MODE** button to select *FM Tuner Mode* before proceed to the next step.

FM Tuning

◆ Auto Scanning the whole FM band
- If the **PRESET** icon is on, then press ■ button to remove
- Then press and hold button ⏯ to start auto scanning the whole FM band.
- Each FM station detected will be stored in the 10 preset memory (previous preset channel will overwrite by new FM station detected) Only the last 10 FM stations will remain in the memory.

◆ Manual Preset FM Band
- If the **PRESET** icon is on, then press ■ button to remove
- Press ⏭ to increase FM frequency. The unit will start Auto Scan function if the ⏭ button is pressed and held for a longer time. The unit will stop when next FM station is detected.

- Press ⏮ to decrease FM frequency. The unit will start Auto Scan function if the ⏮ button is pressed and held for a longer time. The unit will stop when next FM station is detected.
- Press ⏯ button once, then **STORE** and Channel number icons will be shown on LCD.
- Press ⏭ to increase Channel Number.
- Press ⏮ to decrease Channel Number.
- Press ⏯ button again to store this FM frequency in selected channel number. (The **STORE** icon will be turned off)
- 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.
- To delete the preset channel, then press and hold ⏯ button.

Operating with Preset Channel

Safe Removal Procedure

- Before disconnect the Digital Audio Player from USB cable, please make sure the following procedure is followed. Otherwise, it may damage 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. Then, click the **"Stop"** button. After that you can unplug the device from the USB port of your computer.

FM Recording

- Press the **EQ** button to start recording.
- Press the **STOP** button again to stop recording.
- The recorded file is saved as F001.WAV in the FM folder.
- To play a recorded file, press **MODE** to switch back to *Music Mode* and select a Tuner file in the TUNER folder, press ⏯ button.

  Note: Volume is not controlled during recording

Operating with Stereo

- Press and hold **EQ** button to toggle **STEREO** icon **ON** and **OFF**. When **STEREO** icon is **OFF**, the Mono effect is selected. If the FM signal is weak, then it will receive the signal in Mono and the **STEREO** icon will turn off.

Operating with Voice Recording Mode

- Press the **MODE** button.
- Press ⏮ or ⏭ to select the *Voice Recording Mode*.
- Press the **EQ** button to start recording.
- Press the **STOP** button again to stop recording.
- The recorded file is saved as V001.WAV in the VOICE folder.
- To play a recorded file, press ⏯ button

  Note: Volume is not controlled during recording

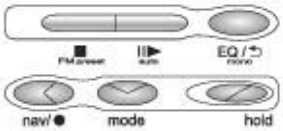
Operating Navigation Mode

- While playing in other modes, press **MODE** button to select the *Navigation Mode* before proceed to the next step. Or press **NAVI** button as a short cut key.
- In *Navigation mode*, the LCD displays the music files in folders and files.
- Press **+** to move up in the list.
- Press **-** to move down in the list.
- Press ⏮ to move up to the previous folder.
- Press ⏭ to move down to the next folder.
- After selected the music file,
  - Press ⏯ or **NAVI** button to play.
  - Press ■ button to delete the file, a dialogue box will show on the LCD. (Remarks: You can not delete the file while music is playing.)
  - Press ⏮ or ⏭ to toggle the confirmation on the dialogue box. Then press **NAVI** to confirm.
  - The file in the folder is protected, so you can not delete the file inside folder. Delete these files in *Mass Storage Mode* when the unit is connected to PC.

3 Useful Features

EQ Mode

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



NORM POP JAZZ ROCK CLASS VBASS

Repeat Mode

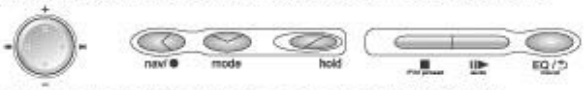
Pressing the **EQ/REPEAT** button will toggle different *Repeat Mode* function.

- Play a single file repeatedly. "1"
- Play all files in the player repeatedly. "All"
- Randomly play all files in the player repeatedly and stop. "⤨"
- Randomly play all files in the player repeatedly. "⤨"
- Play program List file and stop. "ID" (only be activated upon Playlist is created)
- Play program List file repeatedly. "ID" (only be activated upon Playlist is created)

Program - Playlist

In Navigation Mode

- Press + or - to select the music file. Then press **EQ/REPEAT** button, a number will be displayed adjacent to the song name. Press **EQ/REPEAT** button again to confirm, then the number will clear and the song is stored in the playlist.
- If more than one song is stored in the playlist, before pressing the **EQ/REPEAT** button to confirm, you can use ⏮ or ⏭ to change the playlist order number.
- Then press ⏯ to start playing the music according to the programmed playlist.
- To delete the music file in the playlist, press ■ button to delete the program number, a dialogue box will show on the LCD. Then press + to confirm or - to quit without deleting the program number. (Note: You cannot program the same music file on more than one Playlist)



Clear Playlist

- To clear the playlist, go to Setting Mode and select PLAYLIST (Use the same procedure in Navigation Mode)

- To delete whole Playlist, press STOP button once, a dialogue box will display, then select CLEAR LIST. Then press NAVI again, a confirmation box is displayed and select YES to delete the whole Playlist.
- To delete one of the songs from the playlist, then press STOP once and select CLEAR ITEM. Press NAVI again and a confirmation box is displayed. Select YES to delete the music file.

Setting Mode

- Press and hold the **MODE** button, the *Setting Mode Menu* will be shown on LCD.
- Press the ⏮ or ⏭ button to scroll different setting options *(PLAY LIST, BACKLIGHT, CONSTRAST, EQUALIZER and PLAY TIMER).*
- After pointed to the requested option, then press the **NAVI** button to confirm this selection. Then press the ⏮ or ⏭ button to change the setting. Pressing **-** again to return to *Setting Mode Menu*.
- Press **MODE** again to quit the *Setting Mode Menu* i.e. return to normal operation.

4 Additional Information

Installing Battery

1. Slide and open the battery compartment door.
2. Insert the battery with correct polarity.
3. Close the battery compartment door.

Charging battery:

- Connect the USB power converter (mini-jack) to the player and the other end to AC adapter. Plug in AC adapter to the power.

Remark:

- 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.

Installing RealOne Player

1. Insert the Installation CD.
2. Click on **Start** and select **Program**. From program, click on **Windows Explorer**.

(2)

3. Select the directory of CD-Rom from **Windows Explorer**, click on the folder of **RealOne Player.** Different versions of RealOne are displayed.

(3)

(4)

4. Double click the version that you want to install and the installation will be started automatically.
5. Follow the RealOne Install Wizard step by step to finish the installation.

Safe Removal Procedure

Before disconnecting the Digital Audio Player from the USB cable, please make sure the following procedure is followed. Otherwise, it may damage the Player.

- Double click the **"safe removal"** icon in the task bar; the **"Unplug or Eject Hardware"** window will be pop up. You can select the device you want to remove. Then, click the **"Stop"** button. You can then unplug the device from the USB port

Trouble Shooting

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

Symptom	Possible Reason	Actions
No Power	◆ Check whether the battery is exhausted. ◆ Check whether the battery had been inserted in properly.	◆ Replace with a new battery. ◆ Re-insert the battery according to the polarity.
No Sound from earphones	◆ Check whether the jack is detached from the unit ◆ Check whether VOLUME is set to "0" ◆ Check whether the battery is exhausted ◆ Check whether the plug is contaminated /oxidized. ◆ Corrupted MP3 or WMA file.	◆ Re-insert the earphones again ◆ Increase the volume ◆ Replace with a new battery. ◆ Clean the jack ◆ Download the files again
Invalid Character on LCD	◆ Incorrect Language Setting ◆ The language isn't supported	◆ Set the correct Language in the Menu Mode ◆ Visit our web site to see whether a new revision firmware is released

Poor FM Reception	◆ Weak signal ◆ Electrical Interference by other electrical appliances.	◆ Adjust the position of Player and earphones ◆ Turn off the electrical appliances. ◆ Walk away from interference sources.
Failed to download or upload of MP3/WMA/ WAV file	◆ Check whether the battery is exhausted. ◆ Check the connection of USB cable ◆ Damaged USB cable ◆ Memory is full	◆ Replace with a new battery. ◆ Re-plug the cable at both ends. ◆ Replace a new USB cable ◆ Release some memory space by deleting some files

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

On Headphones and Earphones

Road Safety

- Do not use the headphones/earphones 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 headsets at high volume while walking, especially at pedestrian crossing. You should exercise extreme caution or discontinue to use in potentially hazardous situations.

- **Preventing hearing damage**
  Avoid using the headphones/earphones at high volume. Hearing Experts advise not to play the music at high volume for a long period of time. If you experience a ringing in your ears, reduce the volume or discontinue use.

- **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.

Accessories

- High Fidelity Stereo Earphone
- USB Cable
- Instruction Manual
- Quick Start Guide
- Installation CD
- Warranty Card
- AC Adapter
- Neck Strap (Optional)
- Carry Case (Optional)
- Built-In Recharging Battery (Optional)

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, WAV (ADPCM)
	Bit Rate	8Kbps - 320 Kbps
	Tag Info	ID3 Tag
FM Tuner	FM Frequency range	87.5MHz - 108MHz
	Antenna	Headphone/Earphone Cord Antenna
	Dimension	∅24.6mm x 87 mm
	Weight	Approx. 35g (Without battery)
	Battery	NiMH Battery
	LCD	Full Graphic with Backlight
	Language	English
	USB	USB1.1
	Built-in Memory	128MB / 256MB
	Max. Playtime	Approx. 10 hours (128Kbps, MP3)
	Supported OS	Windows ME, Windows 2000, Windows XP
	Voice Recording	Approx. 8 hours for 128MB / Approx. 16 hours for 256MB (Long Play)
	Firmware Upgradeable	Yes (except Win 98)
	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. Caution: 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.
SOUL reserves the right to make technical changes without notice in the interest of improviement.

Declaration

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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.

FC Tested To Comply With FCC Standards

FOR HOME OR OFFICE USE

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