



Model: MP 100

User Manual
Manuale d'Uso
Manuel d'Utilisation



DIGITAL MP3 PLAYER (MP100)
USER MANUAL

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Ver.1.1





INTRODUCTION

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Congratulations on your selection of the MP100. This full-featured pendant-sized MP3 Music Player offers a variety of features including multi-format data storage support, and you can also transfer files easily via a USB2.0™ connection. Your player supports multiple audio standards such as Windows Media Audio™ and MP3 formats, and combines various playback and audio enhancing features into a compact design that you can comfortably wear around your neck.

Main features include:

- Support for MP3 and WMA / WMA DRM audio file formats
- Multi-format support for mass data storage
- Built-in 128MB, 256MB or 512MB Flash memory (refer to indication on packing)
- 5 preset equalizer settings
- Upgradeable firmware for future audio format support
- Multilanguage menu support
- ID3 Tag information display
- USB2.0 for fast file transfer (USB flash drive)

In this box you will find:

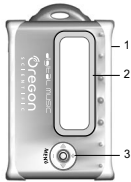
- CD-ROM
- Neck strap with stereo earphones
- USB cable
- USB power adaptor (Optional)
- Carrying pouch



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PRODUCT OVERVIEW

FRONT / BACK



- 1. PLAY / STOP / ONOFF ►/■**
Start and pause playback / stop playback / power on or off.
- 2. LCD Screen**
- 3. MENU button**
Press to enter menu settings /confirm selection.
 - **VOL + / -**
Increase / decrease playback volume.
Toggle between different font displays in STOP status.
 - **NEXT ►**
Skip to the next track /go to next option.
 - **PREV ◀**
Review the current or previous song / back to the previous option.
- 4. RESET**
Reset the unit.



GETTING STARTED

Before you begin, please check to make sure your computer meets the following minimum system requirements:

- Intel® Pentium® 133MHz or faster
- CD-ROM Drive
- USB 1.1 port or USB2.0 port
- 10MB free hard disk space
- Microsoft® Windows®, 98SE, Me, 2000, or XP
- Mac OS 9.0 or above



WINDOWS 98 DRIVER INSTALLATION (FOR WIN 98SE USERS ONLY)

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Windows ME, 2000, XP Users

When you connect your MP3 player to your PC, it will appear as a removable drive. (i.e., Removable Disk (H:))

Windows 98SE Users

Installing the MP100 driver software will allow your computer to recognize your MP3 player each time it is connected to the computer.

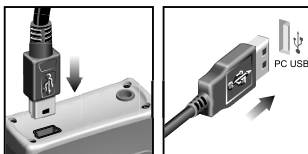
1. Insert the MP100 CD-ROM into your computer. If the installer does not automatically begin, please refer to the troubleshooting section for help.
2. Follow the onscreen instructions.
3. Restart your computer.

MACINTOSH OS 9.0 or above

When you connect your MP3 player to your Macintosh, it will appear as one drive icon on the desktop (i.e., Untitled).

CONNECTING THE PLAYER TO YOUR COMPUTER / CHARGING THE BATTERY

To connect your player to your computer:




Before using your player for the first time, you should first charge the battery by connecting your player to the computer using the supplied USB cable. "READY" will show on your player's LCD screen when a successful connection has been made.

NOTE: Charging only begins after the computer has been turned on.




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TIP: You can charge your player with the supplied USB adaptor (optional accessory). AC cable and plugs differ from region to region.

When the battery is fully charged, the battery icon shows . The battery status indicators are as follows:

Low 

Medium 

Full 

NOTE: When the battery icon shows , this indicates the battery is about to run out of power within a few minutes. Recharge the battery as soon as possible.

FILE TRANSFER

After connecting your MP3 player to the computer, the computer will detect and identify the device as a removable storage drive, allowing you to drag and drop files between your computer and your player.

Your player supports the following audio file formats for playback:

- MP3 (MPEG-1, Audio Layer 3)
- WMA / WMA DRM (Windows Media Audio)

NOTE: Your MP3 player is equipped for mass data storage support. This means that it can also be used as a portable hard drive to store and transport all forms of computer data files. You will not be able to view or play any of the stored data unless it is one of the supported audio formats.


CAUTION: To prevent data loss, wait at least 15 seconds to make sure file transfer is complete before unplugging your player from the computer.

DISCONNECTING THE PLAYER FROM PC

Disconnecting the player while transferring data may corrupt the data or result in data loss. Follow the procedures below to disconnect the player from your computer running the following operating systems.



Windows ME, 2000 and XP Users

Click the "Stop USB Mass Storage Device"  icon on the Windows taskbar at the bottom right of the monitor to stop the device before disconnecting.

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Windows 98SE Users


1. Double click the **My Computer** icon.
2. Right click the removable drive letter your player has been assigned.
3. Click "Eject" from list before disconnecting.

MACINTOSH OS 9.0 or above

Drag and drop the "Untitled" icon from your Mac desktop to the "Trash" icon for eject the player before disconnecting.

POWER ON / OFF

POWER ON


To turn the power on, press and hold  for 2 seconds.



A welcome screen will greet you. After a few seconds the unit will enter STOP status.

NOTE: In STOP status, a power saving feature will cause your MP3 player to automatically shut off if no key is pressed for 1 minute.

POWER OFF

To turn the power off, press and hold  for 2 seconds in STOP mode until after the "Good Bye" screen appears.

MENU NAVIGATION

All settings are accessible through the main menu and submenus. To navigate through the menus:

1. Press and hold **MENU** until the menu settings screen shows.
2. Press ◀ or ▶ or to scroll through the list of options.



3. Press **MENU** to select the desired option.

TIP:

- Press — to revert back to the screen you last accessed.
- Press ▶/■ once or press and hold — to return to STOP or PLAYBACK mode depending on which mode you last accessed.

Please read below for a summary of menu options.

MAIN MENU	SUBMENUS	
HOLD	On / Off	
RPT	Normal, One, All, Ran, RPT Ran.	
EQ	Normal, Rock, Jazz, Classic, Pop	
DEL	One / All	
DISP	BACKLIT	Off, 3s, 7s, 15s
	CONTRAST	1 to 10
	SCROLL	1, 2, 3, 4
MEM	Total, Free, Firmware version	
SET	LANG	English, French, German, Italian, Spanish, Portuguese
	TIME	Elapse / Remain
	TAG	Off/On



NOTE: If no key is pressed for 5 seconds during menu navigation, the player will return to the screen last accessed.

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PLAYBACK

PLAY

To playback music files stored on your player:

1. Press and hold ►/■ to turn the power on.
2. Press ►/■ to start playback.

0:00:12 ► 
My music.mp3

TIP: See section "PLAYER SETTINGS" for information about how to:

- Display elapsed or remaining track time by changing the "PLAYING TIME" setting.
- Change the scrolling speed a track name is displayed under the "SCROLLING SPEED" section option.



PAUSE

0:00:12 ►|| 
My music.mp3

When the player is playing back a music track, press ►/■ to pause the track, || will appear on the display.

STOP

When the MP3 player is in playback or pause mode, press and hold ►/■ to stop the song. ■ will appear on the display.

SKIP / FAST FORWARD / REWIND

You can skip tracks or fast forward / rewind the current track.





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Action	Button Press
Skip forward	▶
Skip backwards	◀
Fast Forward	Press and Hold ▶
Rewind	Press and Hold ◀

VOLUME CONTROL

You can adjust the sound level at anytime by pressing:



- + to increase volume.
- - to decrease volume.

TIP: Press and hold a volume button to rapidly change levels.

REPEAT

You can select one of five repeat patterns when listening to your music.

Icon	RPT Pattern	Description
—	Normal	All tracks are played once from the first song to the last.
	One	Repeat the current track. You can press ▶ to skip to the next track.
	All	Play all tracks once repeatedly.
	Ran	All tracks are randomly selected and played back.
	RPT Ran	All tracks are shuffled then played back once repeatedly.





To select a repeat setting:

1. Press and hold **MENU** until the menu settings screen shows.
2. Press ◀ or ▶ repeatedly to scroll to "RPT", then press **MENU** to select it.



3. Press ◀ or ▶ to select the desired repeat option.
4. Press **MENU** to confirm.

EQUALIZER (EQ)

You can choose from 5 equalizer settings when playing back music they are:

Icon	EQ Setting
—	Normal
	Rock
	Jazz
	Classic
	POP

To change the equalizer settings:

1. Press and hold **MENU** until the menu settings screen shows.
2. Press ◀ or ▶ repeatedly to scroll to "EQ", then press **MENU** to select it.



3. Press ◀ or ▶ to select the desired EQ setting.
4. Press **MENU** to confirm.

PLAYER SETTINGS

You can adjust the settings from their corresponding sub-menus: DISP (Backlight, Contrast, Scroll), MEM, SET (Language, Time, Tag).

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BACKLIT

With this feature activated, a backlight will turn on each time a button is pressed. You can also set how long you want the backlight to stay on.

To adjust the backlight settings:

1. Press and hold **MENU** until the menu settings screen shows.
2. Press ◀ or ▶ repeatedly to scroll to "DISP" then press **MENU** to select it.
3. Press ◀ or ▶ repeatedly to select the "BACKLIT" setting, then press **MENU** to select it.
4. Press ◀ or ▶ to choose between "OFF, 3s, 7s, 15s" second durations.
5. Press **MENU** to confirm a selection.

NOTE: The backlight may not function when battery is low.

CONTRAST

If you are outdoors and the sun is bright, you may need to increase the contrast settings to read the display more clearly.

To increase contrast settings:

1. Press and hold **MENU** until the menu settings screen shows.
2. Press ◀ or ▶ repeatedly to scroll to "DISP" then press **MENU** to select it.
3. Press ◀ or ▶ repeatedly to select "CONTRAST", then press **MENU** to select it.
4. Press ◀ or ▶ to choose contrast settings between 1-10.
5. Press **MENU** to confirm your selection.

SCROLLING SPEED

If you have track information that is too long to fit onto the display, the track information will scroll so you can read text that cannot fit on the screen.

To select the scroll speed:

1. Press and hold **MENU** until the menu settings screen shows.
2. Press ◀ or ▶ repeatedly and choose "DISP", then press **MENU** to select it.





3. Press ◀ or ▶ repeatedly to select "SCROLL", then press **MENU** to select it.
4. Press ◀ or ▶ to scroll between "OFF, 1, 2, 3, 4" speed levels.
5. Press **MENU** to confirm your selection.

MEM

MEMORY STATUS AND FIRMWARE VERSION

You can check the status of your player's memory and firmware version by selecting to show:

0:00:15 ▶ 
Total: 128MB ▶

- The total amount of memory available on the device.

0:00:15 ▶ 
◀ **Free : 30MB**

- The total amount of memory remaining on the device.
- The firmware version of your player.

To check the total amount of available memory or firmware version:

1. Press and hold **MENU** until the menu settings screen shows.
2. Press ◀ or ▶ repeatedly to scroll to "MEM" then press **MENU** to select it.
3. Press ◀ or ▶ to scroll through "Total" memory, "Free" memory and "Ver" .

NOTE: The memory status display takes both audio, multi-file formats and some system files into account when displaying the memory status.

LANGUAGE

You can choose to display the menu information in English, French, German, Italian, Spanish, or Portuguese.

To set the display language "LANG":

1. Press and hold **MENU** until the menu settings screen shows.
2. Press ◀ or ▶ repeatedly to scroll to "SET" then press **MENU** to select it.
3. Press **MENU** to select the "LANG" setting.





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4. Press ◀ or ▶ repeatedly to scroll through the different language options, then press **MENU** to choose one.

PLAYING TIME

While listening to a song, you can display either the elapsed or remaining time.

To switch time display settings:

1. Press and hold **MENU** until the menu settings screen shows.
2. Press ◀ or ▶ repeatedly to scroll to "SET" then press **MENU** to select it.
3. Press ◀ or ▶ to select "TIME", then press **MENU** to select it.
4. Press ◀ or ▶ to choose between "Elapse" or "Remain" playtime display settings.
5. Press **MENU** to confirm your selection.

TAG INFORMATION

Your player supports ID3v1 and ID3v2 Tag information. This format allows the player to present information such as song title and artist name.

To activate Tag information display:

1. Press and hold **MENU** until the menu settings screen shows.
2. Press ◀ or ▶ repeatedly to scroll to "SET", then press **MENU** to select it.
3. Press ◀ or ▶ to select the "TAG" option, then press **MENU** to select it.
4. Press ◀ or ▶ to scroll to "On", then press **MENU** to activate.


NOTE: If the track contains both ID3v1 and ID3v2, only the ID3v2 information will be displayed during playback. If the track does not contain any ID3 information, only the file name will be displayed during playback.





BUTTON HOLD

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You can activate an all buttons hold, which locks your player to prevent buttons from accidental activation. The button hold indicator  will show when buttons are locked.

To lock all buttons

1. Press and hold **MENU** until the menu settings screen shows.
2. Press **◀** or **▶** to scroll to "HOLD", then press **MENU** to select it.
3. Press **▶/■** activate.

Press **▶/■**
To Hold On

To unlock all buttons

1. Press **MENU** and then **▶/■** to unlock the buttons.

Press **MENU**
& **▶/■** To Hold Off

DELETING FILES

If you choose to delete a file, you can do so through the MP3 player or computer.

NOTE: Please be careful when deleting files, once erased they cannot be retrieved.

To delete files using your MP3 player, first access the delete option by:

1. Press and hold **MENU** until the menu settings screen shows.
2. Press **◀** or **▶** to scroll to "DEL".

0:00:18 ▶ 
◀ 3.EQ 4.DEL ▶

3. Press **MENU** to select it.
4. Press **◀** or **▶** to select "One" or "All".
5. Press **MENU** to confirm a selection.





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To delete one music track:

1. Press ◀ or ▶ to choose a track for deletion.
2. Press **MENU** to delete the file. "File deleted" and the free memory will be displayed to confirm that the file has been erased.

To delete all music tracks:

If you selected the delete "All" option from the menu and you pressed **MENU** to confirm, "All files deleted" will be displayed to confirm the deletion.

RESET

Occasionally the MP3 player may not function correctly and will need to be reset. When the power is on, press and hold **RESET** until the power turns off. Turn the power on to begin operation again.

NOTE: Resetting the unit will not erase stored data, but all settings will return to default values.

FORMATTING YOUR PLAYER (WINDOWS USERS ONLY)

1. In Windows Explorer, select the drive letter of your player assigned by the computer.
2. Ensure you have selected the right drive (i.e. Removable Disk). Right-click your mouse button and select the **FORMAT** option.
3. If there is an option to select **File System**, please select **FAT** as the format.

NOTE: All stored information will be lost and your settings will return to default values.





UPGRADING FIRMWARE (WINDOWS USERS ONLY)

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Upgrading your MP100 MP3 player with the latest firmware ensures the device provides optimal playback performance:

1. Go to the Oregon Scientific website (www.oregonscientific.com).
2. Click the country site that you purchased the player from and download the latest firmware updater (.zip file) and instruction guide.
3. Follow the instruction guide.

COPYRIGHT

Users are also asked to note that the transfer of memory containing data or MP3 files protected under copyright laws are only permissible within the restrictions imposed.

SAFETY AND CARE

This product is designed to give you years of service if handled properly. Observe the following guidelines:

- Clean the unit with a damp cloth and mild detergent.
- Avoid dropping the unit or placing it in a high-traffic location.
- Never immerse the unit in water. This can cause electrical shock and damage the unit.
- Do not subject the main unit to extreme force, shock, or fluctuations in humidity.
- Do not tamper with the internal components.
- Do not scratch the LCD display.
- Do not make any changes or modifications to this product. Unauthorized changes may void your right to use the product.
- The technical specifications for this product and the contents of the user guide are subject to change without notice.
- Images not drawn to scale.





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- Keep your player away from any strong magnetic fields. Exposure to magnetic fields may cause the memory to get erased or even damaged.
- Do not use excessive force when handling the player.
- Keep your player in a dry, well-ventilated place to prevent it from molding.

TROUBLESHOOTING

HARDWARE

Music skips tracks.

The music file may be corrupt or an unsupported format. First check to make sure it is a supported format. If the format is correct, delete the file and transfer the music from your PC to player again.

The player will not start or shuts off soon after it starts.

Check the battery level and make sure it is fully charged.

The buttons do not work.

The button hold feature may be on. See section "BUTTON HOLD" for more information.

The player is not functioning normally.

The player may need to be reset. See section "RESET" for more information.

No sound is coming out of the headphones.

Check to make sure they are plugged in correctly and the volume is turned up.

Your computer does not locate your player.

Check to make sure the USB cable is connected properly. If you are using Win98SE, make sure you have installed the driver software.

Cannot store any more files on the player.

The memory may be full. Delete files to make some room.





SOFTWARE

The MP100 Software does not automatically begin when you insert the CD.

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You may need to start the installation process manually.

1. Double click the "My Computer" icon on the Windows desktop.
2. Double Click the drive that contains the CDROM.
3. Follow the on screen instructions to complete the installation process.

NOTE: Do not attach the player to your PC until after the software has been installed.

CAUTION

In case of electrostatic discharge, the product may not function properly and will require a manual reset. After resetting the unit, data stored will remain intact.

TECHNICAL SPECIFICATIONS

Dimensions:	43mm (L) x 28mm (W) x 17mm (T)
Weight:	28g (with battery)
LCD Display Dimensions:	24mm (L) x 7mm (W), 120 x 32 dots
Built-in Flash Memory:	128MB, 256MB or 512MB (refer to indication on packing)
Volume level:	0-30
Language Display:	8 language font display (English, French, German, Italian, Spanish, Portuguese, Traditional Chinese, Simplified Chinese)
Frequency Range:	20Hz ~ 20kHz





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Battery:	Built-in Lithium Polymer rechargeable battery (3.7V, 230mAH)
Battery Life*:	10 hours of continuous playback
MP3 to PC connection:	USB 2.0
Supported Playback Formats:	MP3 (up to 320kbps) WMA / WMA DRM (up to 192kbps)
Player Firmware:	Upgradeable via www.oregonscientific.com

*Time under normal operating conditions (normal room temperature, MP3 128kbps, volume level 20). Various factors can affect battery life, including backlight, volume, contrast setting, and fast-forward / rewinding and shuffling of tracks.

NOTE: Design and specifications are subject to change without notice.





ABOUT OREGON SCIENTIFIC

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Visit our website (www.oregonscientific.com) to learn more about Oregon Scientific products such as digital cameras; MP3 players; children's electronic learning products and games; projection clocks; health and fitness gear; weather stations; and digital and conference phones. The website also includes contact information for our customer care department in case you need to reach us, as well as frequently asked questions and customer downloads.

We hope you will find all the information you need on our website, however if you'd like to contact the Oregon Scientific Customer Care department directly, please visit:

www2.oregonscientific.com/service/support

OR

Call 949-608-2848 in the US.

For international enquiries, please visit:

www2.oregonscientific.com/about/international/default.asp



FCC NOTICE

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.

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.





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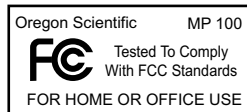
However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one 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.

Caution: Modification -The FCC requires the user to be notified that any changes or modifications made to this device that are not expressly approved by Oregon Scientific, Inc. may void the user's authority to operate the equipment.

Interface cable -Use the shielded cable sold or provided by Oregon Scientific, Inc. for your equipment. Using other interface cable may exceed the limits of Class B Part 15 of the FCC rules.

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