

User Manual

JULI II MP3 Player – User Manual

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Introduction

Welcome to the world of internet music!

The JULI II MP3 player is portable, lightweight and easy to use. It can store and replay standard MP3 formatted audio tracks obtained from the world wide web or from CDs.

Keep it with you when you are walking, jogging, driving, hiking - and listen to all your favorite music whenever you like!

Features

- ❖ USB connection for fast downloading
- ❖ On-board memory (16MB / 32MB)
- ❖ 2 external memory slots (MMC)
- ❖ Weighs only 38g (1.3 ounces)

What is MP3?

MP3 stands for MPEG 1 layer 3. It is an efficient way to store high-quality music or other audio content on your computer. MP3 files can be 5% to 25% of the size of a commercial CD audio file, yet retain very high sound quality. The filename extension .MP3 is used to denote MP3 files. They can be downloaded from the internet or can be legally made for personal use from your own CD collection.

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WARNING : Distribution of MP3 compressed files for commercial purposes without permission or copyright is illegal.

Quick-Start Guide

1. Download MP3 files from the internet, or create MP3 files from your own CD.
2. Connect the JULI II MP3 player to the USB port on your computer.
3. Install the JULI II software from the enclosed CD-ROM.
4. Simply drag your favorite MP3 files from any folder on your hard drive to the flash memory of the player (the lower window of the screen).

Please refer to the rest of the manual for more detailed instructions and information.

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Using the JULI II Player

Basic System requirements

Windows 98/2000/ME
Pentium 90 MHz or higher
16 MB available RAM recommended
5 MB hard drive free space
USB connection
CD ROM Drive
Sound Card

Older systems may work, although certain tasks, such as creating MP3 files, may take several more minutes to process.

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Contents of Package

1 JULI II MP3 Player

1 Necklace Cord

1 pair of Earphones

Installation CDROM with JULI II Master Software and sample MP3 music files

1 AAA DC 1.5V alkaline battery

1 USB cable

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JULI II Software Installation

- ❖ **JULI II Master:** Allows you to move files from your hard drive into the player's flash memory or into the optional Multi-Media Card (MMC).

Install the JULI II CD-ROM as you would with any other software program. Insert the CD-ROM in your computer's CD-ROM drive.

If the set-up program does not automatically start, click on the START button on your task bar. Select RUN and type:

"X:\setup.exe" where the letter X should be replaced with the letter of your CD-ROM drive.

Follow the on-screen instructions to install the program onto your computer.

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Installation Step-by-Step

1. Select your preferred language, then click NEXT.
2. You will see a welcome screen and the installation program will appear. Click NEXT to continue.
3. Software License Agreement: read the agreement thoroughly and if you agree, click YES to continue.
4. Choose the folder your software will be installed into, or accept the default. Click NEXT to continue.
5. Set Up will add program icons to a folder of your choice. Select the desired folder and click NEXT to continue.
6. The program installation procedure will begin. When it has completely installed the software, a message will be displayed and you can click on FINISH.

Now connect the player to your computer via the USB connection provided : Open the battery compartment of the player and remove the battery. Insert the smaller end of the USB cable into the USB jack, which is just above the battery compartment and to the left. The other end will go into the USB port on your computer. If you're having any trouble with at all, visit this page on our web site : <http://www.mp-3.co.kr>

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Once your player is connected to your computer, you may be asked to restart your computer so the new settings are properly updated.

On your desktop you will see an icon for JULI II Master.

Double-click to open the program, and you will see a screen that works exactly like Windows Explorer. If you haven't plugged the MP3 Player in yet, you will see a warning message asking you to check the cable. You can click OK to go ahead and start the application, even if you don't connect the player.

Congratulations! You are now ready to explore the world of portable internet music!

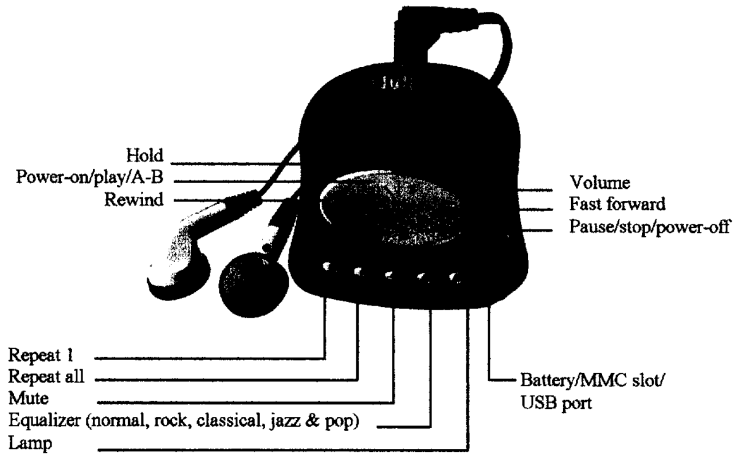
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Control Buttons

Button	Function
Play A<->B	This button has multiple function depending on how many times it is pressed.
Play A<->B 1	Press once to power the unit on.
Play A<->B 2	The second press starts playing the selected track (defaults to track 1).
Play A<->B 3, 4	The third and fourth allow you to mark the beginning and the end of selection you want repeated. On the LCD the letters A then B are displayed to let you know you have done this. The selection can be within one track (e.g. a few words of a song) or not.
Play A<->B 5	The fifth press will cancel the selection.
Stop/Pause	Press once to pause; press again to stop; press to turn power off
Fast fwd	Press and hold to move forward within the current track; press and release to skip to the next track
Rewind	Press and hold to move backward within the current track; press and release to skip to the start of the previous track
Volume	Press + or - to increase/decrease volume
Repeat 1	Repeats current track
Repeat all	Repeats all tracks
Mute	Mutes the sound temporarily – use this when you need to hear something other than through the headphones. Press once to mute, press again to continue. During the mute time the track will keep playing and the LCD will flash.
EQ	Equalizer control for Normal, Pop, Classical, Jazz or Rock.

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Lamp	Enables you to see the display in the dark
Hold	UP position is “on” and DOWN is “off.” HOLD prevents all buttons from operating from unintended contact. NOTE: Must be in the down position to turn power ON.



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Your JULI II player has on-board memory as well as a slot for additional memory cards (see next section).

Now that you have installed the software, you're ready to put music into your player! There are a couple of ways to transfer tracks from your computer into the player's on-board or external memory.

First, make sure your player is hooked up with the USB connection to your computer, and double click in the JULI II Master icon on your desktop. If all is okay, you will see a red light with the message, "JULI II is working."

In the left panel, select the folder containing your MP3 files. Do the same way you would with Windows Explorer. Once you have selected the right folder, you will see all the song files appear in the right-hand pane.

- ❖ **Drag and Drop** : simply drag the selection down to the lower window pane. It will copy them one at a time.
- ❖ **Transfer** : From the menu at the top of the screen select options Transfer/Download to Flash Memory.

The file capacity of the JULI II will differ depending upon the initial compression rate used when creating an MP3 file. If you're not sure which compression rate to use, experiment with one song and compare the sound quality and file sizes. At a compression rate of 128 Kbps (your decision at the time of creating an MP3 file), a 32MB card can store about 30 minutes of music (see the chapter entitled Technical Specifications).

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Optional Multi Media Cards

Your JULI II player can hold two Multi Media Cards (MMC) for additional memory capacity. Memory cards are currently available in units of 16 MB and 32MB.

You must use the same company made when you part the 2 MMC card at the same time. The compatible MMC card is made by Hitachi and Infinion.

Cards may be purchased directly and at the lowest price on the internet, from our web site at:

<http://www.mplove.com>

Also check our web site out frequently for software updates, manual updates, accessories and news!

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Taking Care of Your Player

- ❖ If the player is not used for 20 seconds, the battery power will automatically shut down. If the unit is not going to be in use for long periods of time, remove the battery.
- ❖ Do NOT use a rechargeable battery in the player. For best results use an alkaline AAA 1.5 volt battery.
- ❖ If you attempt to load a file into JULI II which exceeds the existing memory capacity, the load will be aborted and you will receive an error message, "There is not enough memory for this song."
- ❖ For your own safety do not use the player while you are in the bath, shower or swimming, or in water of any kind.
- ❖ While you are in communication, do not disconnect the USB port. It could happen to break the file of MP3 downloaded in the MMC or on-board memory.

Troubleshooting

I haven't used the player for a couple of weeks but the battery seems to have run out.

- The JULI II MP3 Player always uses a small amount of electrical current even when it is switched off. To avoid this, remove the battery when the player not in use.

The buttons are not responding.

- Check that the HOLD button is off (in the DOWN position). The HOLD button locks all other buttons.
- Battery may be low.

The volume level is not very high

- Check the source of the MP3 file. The volume is exactly as it is from the original source of the music. If you have created an MP3 file from a low-volume recording or a recording with different levels, this is exactly what you will hear.

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Technical Specifications

1 AAA DC 1.5V alkaline battery
5 different EQ settings
16MB or 32MB on-board memory
2 MMC slots for memory expansion (16MB/32MB)
Playing time: up to 3 hours
USB Connection (Universal Serial Bus)
File download speed: 1 – 3 Mbps
Size: 55mm x 57mm x 18mm (2" x 2.25" x 3/4")
Weight: 38 g (1.34 oz)

Understanding bit rate and listening time

MP3 files can be created at different bit rates measured as kilobits per second. The bit-rate you choose will determine the playback quality and the amount of memory required to store it. The higher the bit rate, the higher the sound quality will be and the more storage space required. The chart on the box shows the average play time of MP3 files at different qualities versus play time for different memory configurations.

Everyone is familiar with the long playing recording mode on a VCR. You can have 6 hours in long play or 2 hours in the high quality mode. Sometimes the lower-quality mode is a good trade-off in order to record more time.

It's exactly the same on an MP3 player, except it is determined by the *bit rate* at which you compress or create your MP3 file.

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<i>Memory</i>	<i>High Quality 128 Kbps</i>	<i>Lower Quality 32 Kbps</i>
16Mb	15 minutes	1 hour
32Mb	30 minutes	2 hours
64Mb	1 hour	over 4 hours

Keep in mind that once music has been encoded as an MP3 file from a CD the sound will not degenerate as it would after repeated playing in a cassette. There will be no loss of sound quality, and no skipping or jittering because there are no moving parts. And you can delete and add songs effortlessly, changing your music mix whenever you like. **Note:** the lowest bit rate might sound odd in some cases due to MP3 compression methods.

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FCC Compliance

This equipment has been tested and found to comply with the limit 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, try to correct the interference by one or more of the following measures: relocate the receiving antenna; increase the separation between the equipment and receiver; connect the equipment to an outlet on a circuit other than that to which the receiver is connected. Consult a dealer or an experienced radio/TV technician for more assistance.

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Guarantee

Your JULI II MP3 player, when delivered to you in new condition in its original container, is warranted against defects in materials for a period of one (1) year from the date of purchase. This limited warranty shall only apply if the JULI II MP3 player is used in conjunction with compatible computer equipment and compatible software. This limited warranty does not apply in the following case: loss of, or damage to the JULI II MP3 player due to abuse, mis-handling, improper packaging by you, alteration, accident, electrical current fluctuations, non-recommended batteries, or failure to follow operating and maintenance instructions prescribed within this manual.

For questions or information regarding Unitech Electronics products, please use any of the following methods:

Mail:	Unitech Electronics Company Ltd. Chungjin Building, 53-5, Wonhyro 3Ga, Yongsan-Gu, Seoul, South Korea
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Fax:	+82-2-3271-7824
E-mail:	mick@mp-3.co.kr jamesha@mp-3.co.kr

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Customer Registration Card

Product:	JULI II 16 <input type="checkbox"/>	JULI II 32 <input type="checkbox"/>
Place of purchase:		
Date Purchased:		
Your name:		
Street Address:		
City:		
State/Prov/County:		
Zip/Postal Code:		
Country:		
Phone:		
E-mail address:		
Comments:		

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Information to user : PART 15, PARAGRAPH 15.21

The users manual or instruction manual for an intentional or unintentional radiator shall caution the user changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

FCC Notice

For a Class B digital device or peripheral, the instructions furnished the user include the following or similar statement, placed in a prominent location in the text of the manual :

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.

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