APPENDIX H

: USER'S MANUAL

DAH-520 Ultra FM영문 2002.12.17 5:5 PM 페이지1

UltraFM

Owner's Manual

DAH-520

Voice Recorder
& Music Encoder
Multi Format Digital Audio Player

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Safety Warning and Precaution

※ *Please follow all warnings and safety precautions in this part to prevent any risk of electronic shock or property damage.*

⚠ **Warning**	This symbol indicates the possibility of the personal death or personal hazardous damage.
⚠ **Caution**	This symbol indicates the possibility of the personal injury hazard or of the product damage.

It indicates prohibition.

It indicates 'Do not disassemble.

It indicates 'Do not touch'.

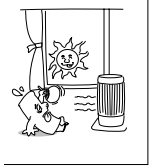
It indicates 'Must follow'.

⚠ Caution

Do not disassemble or modify.
(It could cause malfunction.)

Avoid dust or moisture.
(Failure to do so could cause the product damage.)

Keep the product out of direct sunlight.



Never touch the product with wet hands.
(When the product is charged, doing so may cause electric shock.)

⚠ Safety Instructions

▶Warning

- To reduce danger of fire or electric shock, do not expose the product to rain or moisture.
- Transmit in any WMA or MP3 format music files without permission of the copyright owners is an infringement of copyright.
  The software program loaded in the operating CD-ROM is approved for only the personal use.

▶To keep the qualified function

- Do not use the product under the hazardous conditions, such as extremely high or low temperature area, dusty area, or excessive wet area.
- Do not place the product in the bathroom, near the heater, or in a car parked in the direct sunlight.
- Keep the batteries away from the metal objects, such as coins or keys when you carry them in your pocket.
  The friction between the metal objects and the batteries could cause fire.
- Keep the product from being struck or crushed by the hard or sharp materials.
- We are not guarantee lost of data in player in case of customer's carelessness.
  (Please do backup the important data)

▶Avoid sudden shock

- Do not drop the product or keep it away from sudden shock or force.
  If this rule is ignored, the product could be seriously damaged.

▶Precautions on headphone use

- Listening to music in the high volume for long periods of time could cause hearing problems.
- Do not use headphones when driving a car or riding a bicycle or a motorcycle.
- Please use headphone or stop using unit on potential dangerous situation, Careful handling is also needed.
- The headphone which functioned as an ear must be attached to a long cord. The cord must be left around back of a neck.

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WARRANTY FORM

Welcome to the world of UltraFM.

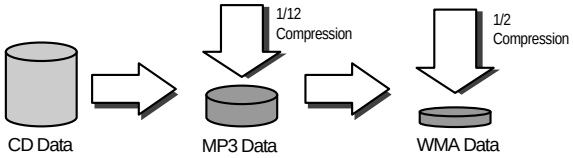
Thank you for purchasing portable digital audio player UltraFM'.
UltraFM is MP3 Player with simple design and FM radio function. It has built-in memory of 64/96/128/256MB. It is able to support for format of new music and is made to cope with the problem of intellectual property. You can enjoy various content such as digital music and talk by playing a cutting-edge digital audio player.

Caution : As HyunWon INC. owns copyright of this product, you must get its approval from the company when using its description, picture, software and other related documents. In the case of breach, you could be brought under the law. The content of the description could be changed without prior notice.

What is a digital audio player?

● **What are MP3 and WMA File?**

It compresses(1/12) data from CD through MPEG1-Layer3 and makes the data into a file that can be used in PC computers. It provides music equivalent of the quality of existing CDs.



● **What is "portable digital audio player"?**

It is a portable player that enables digital audio file to be saved and played that could only be available in existing PC computers.

Caution

1. Accessories and separate articles can be changed depending on the characteristics of products.
2. If you want to look at the accessories and software of the newest UltraFM, visit http://www.m-any.com.
3. WMA file can only be played with over 32Kbps and Bit Rate. (WMA format files only in Bit Rate of 32 Kbps or more can be played)

Product Specification

Division	ITEM	Specification
FM TUNER	FM frequency scope	87.5MHz ~ 108.0MHz
	Power generation of headphone	(L)7㎽ + (R)7㎽ (16Ω) Maximum volume
	Signal-to-Noise Ratio	50㏈
	Antenna	Headphone/earphone cord antenna
Audio	Frequency characteristic	20Hz ~ 20KHz
	Power generation of headphone	(L)7㎽ + (R)7㎽ (16Ω) maximum volume
	Signal-to-Noise Ratio	90㏈
FILE support	FILE form	MP3,WMA(No DRM)
	Bit Rate	Over MP3:8Kbps, over WMA:32Kbps
USB	Download speed	4Mbps(USB Version 1.1)
Recording time		Voice record 1040minutes (256MB) Music record 240minutes (256MB)
Maximum play time		Minimum 9 hours (Maximum volume,128Kbps,MP3)
Workable temperature range		-5℃~70℃
Size (W ×H ×D)		54.1 ×78 × 9.4mm
Weight (except battery)		50g
LCD		Graphic LCD
Battery		Li-MH 1.2V(for electric charge), Alkaline 1.2V AAA

PC System Specification and Accessory

- PC Specification for UltraFM.
  Microsoft OS (Windows 98, ME, 2000, XP)
  CD-ROM drive
  CPU with over Pentium 200MHz
  RAM 32MB (Windows ME or 64MB for 2000)
  Hard disk with blank space of over 128MB
  (When saving music files, additional capacity of hard disk is needed.)
  USB port can be used.

● UltraFM Accessory

A. Software CD

B. Earphones

C. Manual

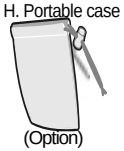
D. Line-in Cable

E. 1.2V Ni-MH batter for charge(1EA)

F. Battery(home)

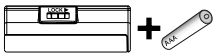
G. USB Cable

H. Portable case



(Option)

I. Extended battery pack+AAA 1.5V 1EA



(Option)

J. LCD remote controller

(Option)

- Accessories and separate articles can be changed depending on the characteristics of products. If you want to purchase more products, please inform our customer service center.
- If you want to purchase a remote controller, you can visit Hyun Won INC. Website or stores.

About Power Source

● **Amount of remaining battery power**

❶When initially operating, the icons of the remaining capacity may not readable.

(enough) → (middle) → (low) (Battery usage time)

❷When using a general battery, the player could stop working, even though the battery capacity icon shows medium level, due to the peculiarity of the battery.
(In this case, please change the battery into a new one.)

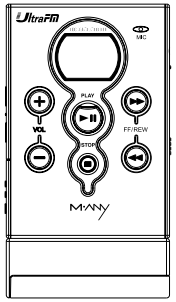
※ Please change into a new battery as the following cases.
❶When the icon blinks the signal of 'empty'.

❷When the player stops working immediately after pushing any button.

❸When the panel of the indicator doesn't change with any button in the body on.

About Power Source

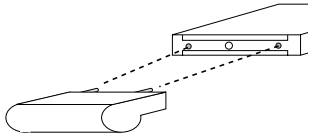
● Turn on power : Press PLAY(▶) button briefly (over 1 sec) (before battery dies)
● Turn off power : Press STOP(■) button for more than 3 seconds.



● Auto power off
Power turns off automatically when pressing stop button for 5 minutes and pause button for 10 minutes.
※If you turn on power again in the case of auto power off, music is played from the beginning.
※ **PLAY BACK POSITION** : when power is turned off, and a user turns it on again, music is played from the part that was turned off.

●How to use extended battery pack
(If you use the extended battery pack, the length of playtime doubles.)

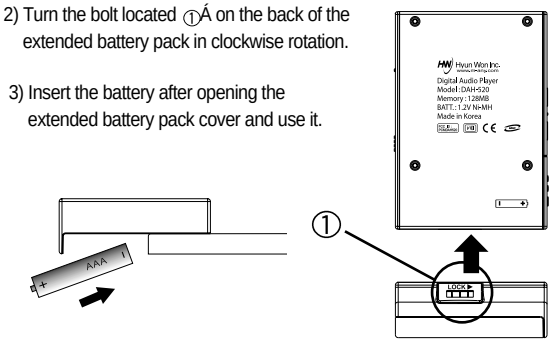
1) Insert the extended battery pack into the groove of UltraFM.



About Power Source

2) Turn the bolt located ①Á on the back of the extended battery pack in clockwise rotation.

3) Insert the battery after opening the extended battery pack cover and use it.



Amount of battery

The amount could be different depending on the type of batteries.
(The indication of the amount of battery left is equivalent of time the battery of 1.2V Ni-MH was used.)
When the time of using the battery is shortened, the battery needs to be discharged and then can be used.

Installation of M-ANY Loader Plus

Please follow the procedure to install M-ANY Loader Plus.

Notice

After installing M-ANY Loader Plus, connect UltraFM and PC by using USP Cable.

1. Insert M-ANY Loader Plus CD into CD-ROM drive. When CD is put in, Setup program is automatically executed and the screen below pops up.

Select language for installation and click Confirm. Then two windows below pop up and Setup starts.

2. When Setup is started, follow the instruction of installation program.
If the Setup program is not automatically executed, find and execute Setup.exe file in TCC folder of CD-ROM drive.

Installation of M-ANY Loader Plus

3. If you click on a finger, the screen below pops up.
(If you click on the arrow below in order, the installation is completed.)

4.After completing the installation, 'M-ANY Loader Plus' icon appears on Windows screen.

M-ANY Loader Plus

Notice

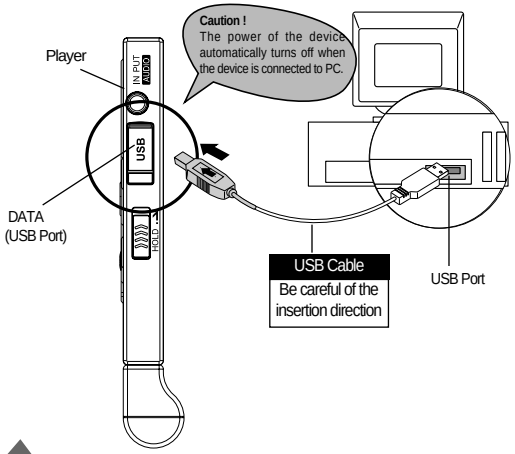
During installation, if a message for rebooting comes up, reboot the computer and install.

How to connect UltraFM USB.

Reference

- ▶ When connecting USB, the power of digital audio is turned on.
- ▶ When disconnecting USB after connecting, the digital audio player is rebooted.

● How to connect USB Cable.
Let's link UltraFM to PC like the picture below. If M-ANY Loader Plus of the PC does not recognize memory when connecting UltraFM with USB Cable, separate USB Cable from UltraFM and then turn on the power and reconnect.



What is USB?

- It's an abbreviation of Universal Serial Bus and a new connection way between PC and a player.
- The maximum band width is 12 Mbps.More than 127 USB could be connected to a PC.

When USB Port is not installed and recognized.

If the PC has USB drive, you need not install a new one.

- Insert software CD into CD-ROM drive.
  (Don't execute installation program.)
- By using USB Cable, connect UltraFM and PC. (If the PC has no USB drive, the message "New Hardware Wizard" comes up on the screen.)
- Proceed the installation as instructed on the screen.
  When asked the location of drive, select CD-ROM folder.
  (When completing the installation, the message "New Hardware Wizard" comes up on the screen.)
- To install USB drive, follow the instruction on the screen.
- How to connect USB Cable.

To connect this MP3 player with your PC, the PC has to have USB PORT in the first place. USB is supported on Microsoft Windows98 OS 2.1 Version.

The procedure to verify if your PC is equipped with USB PORT is as follows.

(1)Designate 'my computer' ➡(2) Click on the right button of mouse ➡(3) Registration of information' ➡(4) Device Manager ➡(5) If USB Controller is not installed, verify if the PC has USB PORT ㄱ├Enabled of CHIPSET FEATURES SET UP. The verification procedure is as follows. Details could be different depending on BIOS. So please consult with BIOS store.

(1)During PC booting, press DEL' key and get into SET UP MODE
➡(2)CHIPSET FEATURES SETUP ➡(3)Onchip USB ➡(4)ESelect Enabled and install USB.

If MP3 is not recognized or UP/DOWN LOAD executed, (5) click on USB and verify CHIP Controller of USB.

It could be a problem that Part of VIA CHIP doesn't support USB. So install USB related patch file provided by VIA. (http:/www.viatech.com)

1)Installation of updated VIA USB filter driver
- The latest version as of September 2001: VIA USB Filter Driver Version 1.08

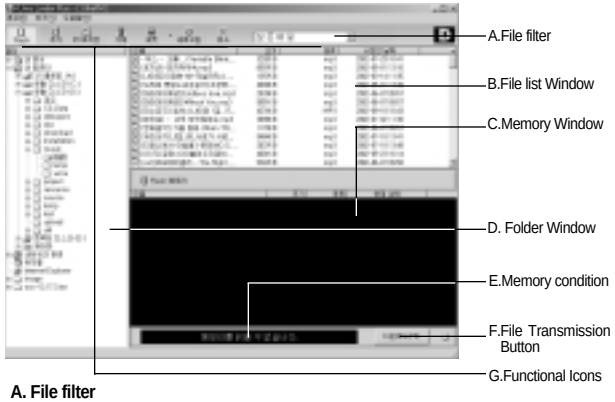
2)Installation of Mini Port Router, bus master, the newest AGP device driver
- The latest version as of September 2001: VIA 4 in 1 Driver Version 4.32

3)Setting Device Manager: only for Windows 98 Second Edition)
①Select registration information ➡ ②Device Manager ➡ ③USB Controller ➡ ④Select VIA PCI/USB Host Controller ➡ ⑤Check Disable error detection item on Advanced Window.

How to use M-ANY Loader Plus

- Double-click on 'M-ANY Loader Plus' icon on the screen.

M-ANY Loader Plus



A. File filter
It enables a user to select according to the type of file.

B. File list Window
This window arranges files in a row in the given folder so that they can be downloaded selectively into flash memory.

C. Memory Window
This window shows the title, volume and type of file on UltraFM memory.

D. Folder Window
This window enables a user to look at a specific file and select a music file more easily. The content of chosen folder appears on the right file list window.

E. Memory
It shows the used and the total amount of memory and the state of connection of memory. But, when USB PORT connection is not stable or doesn't recognize USB driver on PC, the message "Memory cannot be read."

F. File Transmission Button
This button downloads selected music file into player.

How to use M-ANY Loader Plus

G. Functional Icons

Select the view for a basic memory of the body.

Add the selected file to Memory. The chosen file appears in Memory window as 'waiting for download."

Upload the selected file from Memory into PC folder.
(MP3,WMA file cannot be uploaded.)

Delete the selected file from Memory.

Format Memory.
In this case, delete all the files in Memory.

Shows the refreshed Memory.

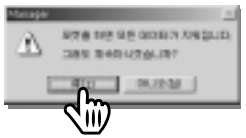
Cancel file transmission between digital audio player and PC.

How to Format Memory.

● **Method by using format icon**

1 Execute M-ANY Loader Plus and connect digital audio player with data USB Cable.

2 Select format type and click on mouse, and then conversation box to verify format appears.

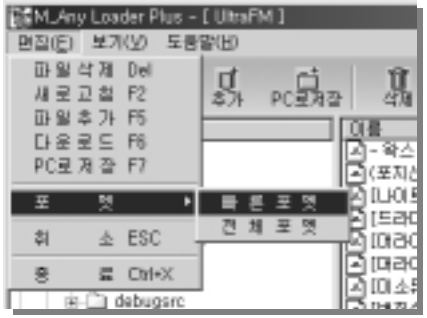


3 If you click on °ÆYES' button, after formatting the selected Memory, interactive window indicating 'completion' of format appears.

4 If you click 'Confirm' button, the format is completed.

How to Format Memory

● **Method by using menu button**



Fast format / Format All

- Fast format : Simply deleting file information saved in Memory of digital audio player make the process faster.
- Format All : The same as 'Overall format' of floppy disk, and conducts the examination of entire Memory of digital audio player one by one, which makes the process slower.

Notice Once formatting begins, don't stop doing it.
If you remove USB Cable to force it to stop, the digital audio player could malfunction.

How to download

● If you want to move favorite file from PC to digital audio player, follow the instruction below.

1 Purchase MP3 file on the Internet and save it in PC.

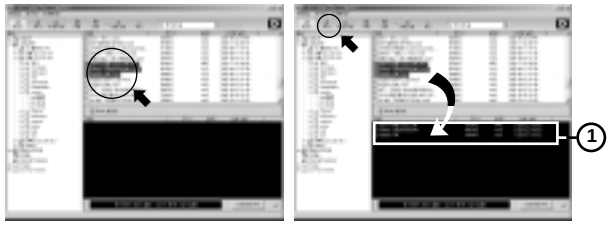
2 Connect UltraFM with USB Cable.

3 Double-click M-ANY Loader Plus on the screen and execute the program.

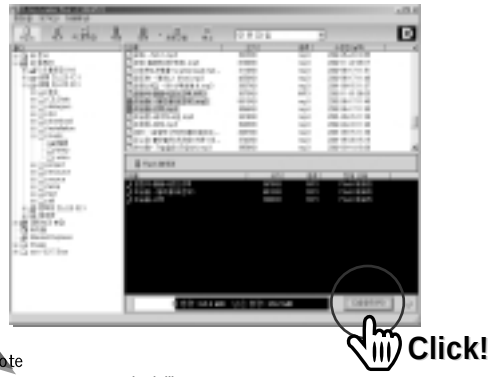
4 Click Flash button on the menu bar.

How to download

5 Select MP3 file or data file that will be downloaded on file list window. Then, click ADD button and "waiting for download" will appear in Memory window.



6 If you press 'Download(F6),' it will be downloaded into the selected Memory window.



Note
-Drag & Drop can make it like ①.
-If you double-click the music to be downloaded on file list window, you can verify the music.

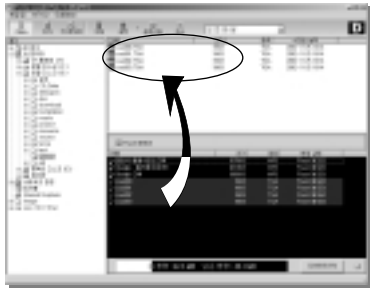
How to upload

● If you want to move file from UltraFM to PC, follow the instruction below.

Note) MP3/WMA file cannot be uploaded under related laws.
(Other files can be uploaded.)

How to upload file

●Select directory or folder in folder window.
(File list window shows the directory or file)
●Select file in Memory window that you want to upload, and 'Save it to PC' button in menu bar, then the file is uploaded to the chosen folder or directory.



Note

File can be uploaded only with Drag & Drop.

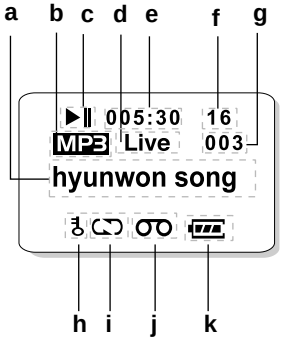
When uploading/downloading file to UltraFM.
➔ During communication, file cannot be played through a digital audio player.
➔ Other kinds of USB Cable cannot be used other than the one provided.

Error Message

- Major error message that can pop up while using M-ANY Loader Plus are as follows.
  Please note this when error message pops up.

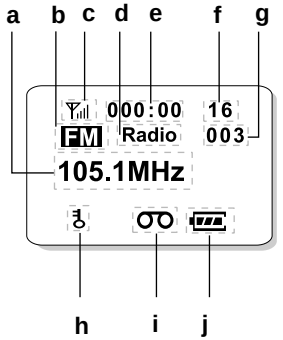
Error message	Confirm	Countermeasure	Note
Cannot read memory.	1) Is USB driver properly installed?	Verify the content of UBS Controller from administrator of PC.(Verify if there°Øs HyunWon Tcc730 USB Driver.) Insert USB Cable again precisely.	Retry, or close down M-ANY Loader Plus and then retry.
	2) Is USB Cable properly connected?	Insert USB Cable again precisely.	
Cannot approach memory.	Is USB Cable properly connected?		If error message pops up even after retry, close down M-ANY Loader Plus and retry.
Format Memory.	Memory data has been damaged. Execute fast format or format all.		
Cannot transmit file.	Is USB Cable properly connected?	Verify if USB Cable is disconnected while uploading/downloading file.	If error message pops up even after retry, execute overall format of Memory and retry.

Explanation of LCD DISPLAY



MP PLAY MODE

a. Song title
b. Current song file extension
c. Current state(PLAY ▶, PAUSE ❚❚)
d. Equalizer
e. Play time
f. Volume (0~30)
g. TRACK Number
h. HOLD
i. ( )Repeat the current song,
( )Repeat all songs
( )Random play of all songs once when blinking
( )Repeated pay of all songs when blinking
j. Voice and music recording
k. Amount of battery



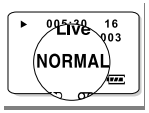
FM RADIO MODE

a. Frequency or various messages during transmission
b. FM icon, MP3 icon during recording
c. PLAY/STOP, the ratio of receiving frequency (PLAY: antenna, STOP: no antenna)
d. Radio, Preset(Autoset, Erase All) on Present MODE
e. Recording time
f. Volume (0~30)
g. Preset Num:1~10,(Others - '000')
h. HOLD
i. Voice and music recording
j. Amount of battery

How to set up REPEAT MODE(1)

●RANDOM / REPEAT MODE (Set up MODE for repeating songs : Setting the mode for a song unit)
If you briefly press MODE while playing, REPEAT MODE DISPLAY is changed in the order below.

NORMAL→REPEAT→REPEAT-ALL→RANDOM→RANDOM-ALL



: Play once entire songs in order.

: Repeat only the designated song.

: Play entire music file in order.

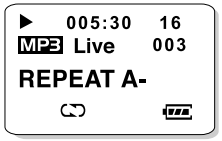
: Regardless the order of songs, songs can be changed. Play entire music and stop.

: Same function as RANDOM, but repeatedly play without a stop.

How to set up REPEAT MODE(2)

●REPEAT MODE(repeat an interval of the current song)

1) If you press MODE button for a while when playing a song, 'REPEAT MODE' is displayed.
2) If you press MODE button briefly, 'REPEAT A-' is displayed.
3) After more than 3 seconds, press once MODE button briefly. Then, 'REPEAT A-B' is displayed and A and B are repeatedly played. If B is not set up, the last song will be designated as B.
4) If you press STOP button, REPEAT MODE is canceled.('REPEAT A-' makes it impossible to be changed to USER EQ.)

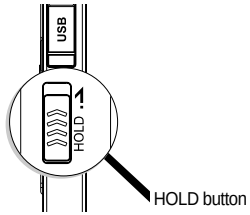


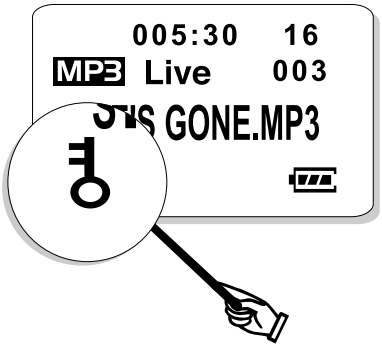
HOLD (Lock key)

●HOLD(Lock key)

-Button is not recognized.

-When power is off, and HOLD is on, PLAY is not executed even if you press PLAY button. Of course, button is not recognized.

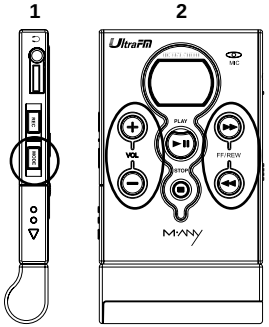




How to set up USER EQ

●USER EQ MODE

1) Only when playing songs. If you press MODE button once for a while, REPEAT MODE is displayed. Then, if you press MODE button for a while, USER EQ is displayed.
2) You can set up EQ by using REW/FF, VOL UP/DOWN button.
3) To cancel USER EQ MODE, press STOP button, and the title of song is displayed.
4) To adjust User EQ
   - If you press MODE button for a while, 5 Bars are displayed.
   - First Bar is flashing.(Band 1 standby: Band 1 waiting for setting)
   - To select Band, press FF/REW.
   - The chosen Band can be adjusted by pressing Vol +/-. (-15~+15:31)
   - After adjustment, if you press STOP button, User EQ MODE is cancelled.



If you enter USER EQ MODE by using MODE button, 'EQ' icon in the middle of LCD Window is automatically changed to USER'.

Set up EQ MODE and Fast Searching Method

●**EQ MODE**

If you press PLAY(▶II) button for a while,

Live→Latin→Jazz→Rock→Dance→User

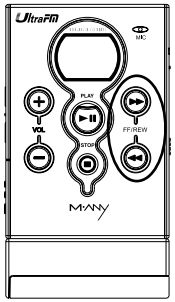
∗The quality of sound can be deteriorated depending on music.
In this case, if you set up EQ MODE, you can enjoy quality music. In addition, if the volume level is 25 or higher, you cannot recognize the value of EQ MODE.

● **Fast Searching**

1) If you press FF/REW button for a while, FF/REW Searching is done in 4 speed pace, the searching speed increases to 8 speed pace, 16 speed pace and 32 speed pace every five seconds respectively. (the maximum speed is 32 speed pace)

2) During REW Fast Searching, when arriving at the beginning of the song, the song begins to play

3) During FF Fast Searching, at the end of a song, FF Fast Searching is started again from the initial part of next song. (played for 2 seconds at the first part of a song.)



How to set up voice and music recording MODE

Record MODE

1) MODE can only be set up at STOP.

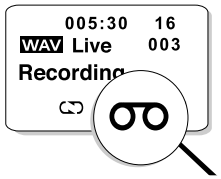
2) If you press REC button for a while, "VOICE RECORD" is displayed. If you press it again for a while, from "MUSIC RECORD" to "ERASE MODE" to "VOICE RECORD" is displayed.

● How to record voice

1) Voice recording function is only possible in MP Player MODE.

2) While at STOP mode, if you press REC button for a while, "VOICE RECORD" is displayed on LCD screen.

3) Then if you press REC button briefly, voice recording is started. (REC icon is turned on in the lower part of LCD screen, and "Recording..." is displayed.)



∗You can listen to the file through earphone while recording. (loop back)

How to set up voice and music recording MODE

4)To stop recording, press STOP button.

5)To play the recorded file, press PLAY button. The recorded file is displayed as V001, V002, V003,.....

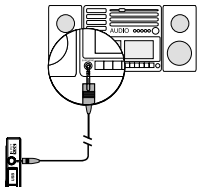
6)During recording, if memory is insufficient, "Memory Full" flashes three times. If "Rec Stop" is displayed, recording is automatically stopped. (If battery is dead during recording, the recorded file is automatically saved and power is off.)

∗While playing MP3, if you want to listen to the file with voice recording, press PLAY button for a while.

How to set up voice and music recording MODE

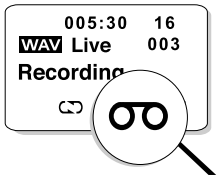
● **How to record music**

1) Insert one end of Line In Cable into the earphone terminal of ordinary audio and other end into IN PUT AUDIO terminal of the product.



2) While at STOP mode, press REC button twice for a while, then "MUSIC RECORD" is displayed on LDC screen.

3) Press REC button again briefly, music recording is started. (Recording icon is turned on in the lower part of LCD screen, and "Recording..." is displayed.)



∗During recording, you can listen to the file with music recording through earphone.(loop back)

How to set up voice and music recording MODE

4)To stop recording, press STOP button.

5)To play the recorded file, press PLAY button, and the file is displayed as E001, E002, E003,...

6)During recording, when memory is insufficient, "Memory Full" flashes three times. Then, "Rec Stop" is displayed and recording is automatically stopped. (If the battery is dead during recording, the recorded file is automatically saved and power is off.)

What is loop back?
It enables you to verify recoding is being executed through earphone. (During loop back, there' s a little noise, but there' s no problem with recoding the file.)

How to set up ERASE MODE

● Erase MODE

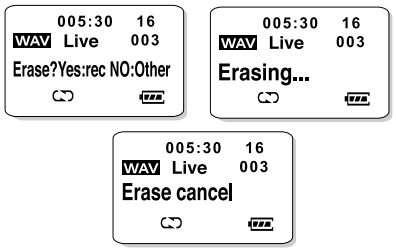
1) Erase MODE can only be set up at STOP mode.

2) If you press REC button for a while, "VOICE RECORD" is displayed. Then, if you press it again for a while, "MUSIC RECORD MODE" is displayed. If you press REC button again for a while, "ERASE MODE" is displayed. In this case, if you press REC button briefly, it enters Erase MODE and the title of a song you want to erase is displayed.

3)Select the file you want to erase with FF/REW button, and then if you press REC button, "Erase? Yes:rec NO:Other" is displayed.

- To erase it, press REC button briefly, "Erasing.." is displayed and it is erased.
- To cancel erasing, press other button except REC, then, "Erase Cancel" is displayed

And erasing is cancelled.



Erase function?
It is the function of erasing only with the product without connecting with M-ANY Loader Plus.

FM RADIO MODE

●Entering FM RADIO MODE

1) RADIO MODE can be entered only at STOP mode of MP player.

2) If you press MODE button for a while, "FM Radio" is displayed and you can enter RADIO MODE.

("FM Radio" is displayed for about 3 seconds, and then received frequency is displayed.)

If you turn on, you enter MP Player MODE. Then, press MODE button for a while to change the mode.
(MP Player MODE ⇔ FM RADIO MODE)

3) FM icon is displayed in the upper left part of LCD screen. Radio icon is displayed where EQ icon of MP Player MODE used to be shown. Volume is displayed equally.

4) PreSet Number is displayed where Track Number of MP Player MODE used to be shown. PreSet Number is about the number that can save a total of 10 frequencies that users can listen to. (PreSet Number 1 ~ 10)
(If the number of currently received frequency is equal to the frequency saved in PreSet Number, the number is displayed.)

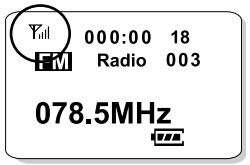
Note

Each radio station uses different frequencies.
The range of frequency modulation differs from nation to nation.

FM RADIO MODE

●Listen to radio at FM RADIO MODE (Frequency 87.5MHz ~ 108.0MHz) 1) After entering RADIO MODE, press PLAY button to listen to FM radio.(RADIO MODE)

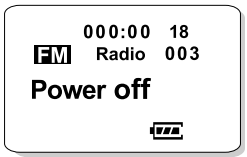
- Antenna icon is displayed above FM icon.
- According to the rate of received frequency, the level is indicated with a bar.



●To stop listening to radio at FM RADIO MODE(STOP MODE)

1) During playing, press STOP button briefly to stop listening to radio, and then antenna icon is turned on. The frequency that you used to listen to is automatically saved. (After turning on power, the saved frequency is displayed.)

- If STOP mode lasts for about 5 minutes, "Power down" is automatically displayed.



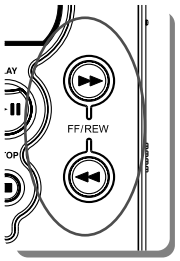
Searching frequency

● Searching frequency manually

You can press FF/REW button briefly to search frequency.
(Frequency is increased or decreased by 0.1MHz.)
- Searching is possible at STOP/PLAY MODE.
- Searching is possible at STOP mode, but listening is not.

● Searching frequency automatically

-Searching frequency is possible at STOP/PLAY/PreSet/Auto Set MODE.

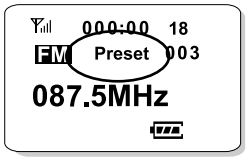


1) If you press FF/REW button for a while, searching frequency is automatically started.
2) At a high frequency, searching is automatically stopped.
3) Then you can listen to radio when the searching is stopped.
4) If you press FF/REW button for a while at STOP mode and want to auto search, the searching is stopped at a high frequency and, automatically, PLAY MODE is started.

Saving the frequency you want.

● **Saving frequency with PreSet MODE**

1) Press MODE button for a while at PLAY mode, PreSet MODE is started.
(PreSet icon is displayed where Radio icon used to be shown.)
2) If you press MODE button at PreSet MODE, the received frequency is saved into PreSet Number that is displayed on LCD screen.
(The frequency that was displayed in the middle of LCD screen flashes twice.)
3) PreSet Number can be searched by pressing FF/REW button briefly at PreSet MODE. (PreSet Number is displayed where Volume is displayed.)
4) You can search frequency at not only PLAY MODE but also PreSet MODE.
- Search frequency by using FF/REW button.

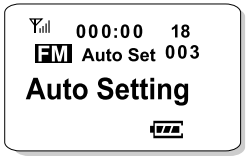


Saving your favorite frequency

●Saving frequency at Auto Set MODE(saving various frequency at once)

1) If you press MODE button at PreSet MODE, Auto Set MODE is started. (Auto Set icon is displayed where PreSet icon used to be.)

2) If you press MODE button at Auto Set MODE briefly, "Auto setting" is displayed for 1 sec in the middle of LCD screen, and 10 frequency (001~010) is automatically saved.



3) Before pressing MODE button at Auto Set MODE, Auto setting is started. When frequency with a high receiving rate is received, PreSet Number is automatically increased and the frequency is saved. (You can select PreSet Number and frequency by using FF/REW button before searching at Auto Set MODE)

4) Once all 10 frequency is saved, PreSet Number is changed to '001' and receive the frequency that is saved.

5) If you press STOP button while executing auto search, the searching is stopped.
 - Only STOP button is recognized while auto searching.

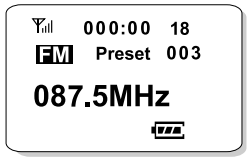
At PreSet MODE or Auto Set MODE, press STOP button to get out of MODE. But, while auto searching, only searching function is stopped.

Erasing saved frequency

●Erasing PreSet frequency (erasing all 10 at one time)

1) If you press MODE button at Auto Set MODE, All Erase icon is displayed where Auto Set icon used to be. Then, All Erase MODE is started.

2) If you press MODE button at All Erase MODE, "Preset clear" is displayed and all the saved frequency is erased. All frequency belong to Preset number is initialized at 87.5MHz.



RADIO RECORD MODE

● **Entering RADIO RECORD MODE**

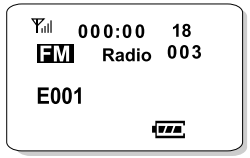
1) If you press REC button at RADIO MODE while playing, "RADIO RECORD" is displayed.(REC stand-by)

2)If you press REC button briefly at RADIO RECORD MODE, recoding begins. While recording, REC icon is displayed in the lower part of LCD screen, and "Recording..." is shown in the middle of the screen. Format icon that is identical to recording file (MP3)is displayed where FM icon used to be.

RADIO RECORD MODE

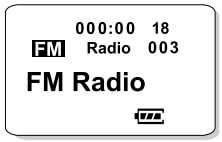
3) If you press STOP or REC button briefly while recording, the recording is stopped. After "REC Stop" is displayed for 1 sec and then file names (E001, E002, E003...) are displayed for 1 sec.
- File name: identical to the name of music recording at MP Player MODE. The name can be changed after uploading in the PC by using Manager.

4) If you press STOP button while recording, power is off, and the file being recorded is automatically saved.
- While recording, FF/REW, MODE buttons are not recognized, but you can listen to radio through earphone. (maintain PLAY mode, apply loop back)



●**Getting out of RADIO MODE**

1) If you press MODE button at STOP mode for a while, you can get out of RADIO MODE and enter MP Player MODE. Before getting out of RADIO MODE, receiving frequency is automatically saved.



How to use product

●How to use UltraFM

1. Verify polarity of battery and insert it.
2. Connect PC and UltraFM by using USB PORT USB Cable.
3. Purchase or download music file from PC communication or the Internet through M-ANY Loader Plus, and then save it to UltraFM.
4. Separate UltraFM from USB Cable and turn on power.
5. You can listen to digital music at UltraFM through earphone.

Notice

- Make sure earphone and UltraFM are closely glued.
- After separating USB Cable, if you cannot listen to music while UltraFM is on, open battery cover for a while and then close it to reboot.
- Do not use UltraFM, digital camera or other USB peripheral devices such as scanner, at the same time because software would have error while communicating.
- For more details, please visit (http://www.m-any.com).

The product is not out of order when,

Status	check	follow instruction
No function of button	▶did you insert a battery	▶after checking + or - ,
	▶did you spend all power ?	▶change a battery or recharge a battery
	▶did you check Hold button ?	▶ release a Hold key
Wrong function of LCD	▶did you check a connection?	▶insert a battery correctly of battery and close completely.
	▶did you handle a button?	▶push a necessary button wrongly exactly.
	▶did you check battery power ?	▶change a battery or recharge a battery
No Mp3 file Play	▶did you check a music file Inside of memory ?	▶download a music file into the memory.
	▶did you check a external memory inserted completely ?	▶insert completely.
No download	▶did you check a USB cable connection ?	▶check again and connect completely.

FCC RF INTERFERENCE STATEMENT

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 technical for help.**
- **Only shielded interface cable should be used.**

Finally, any changes or modifications to the equipment by the user not expressly approved by the grantee or manufacturer could void the users authority to operate such equipment.

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.

LIABILITY FOR DAMAGES TO THE CUSTOMERS

Description of Damages			Action to be taken: During the warranty period	Action to be taken: After the warranty Period expires
Defects in materials and workmanship occurring under normal use (within the retention period of parts)	A defect or defects requiring important repair within ten(10) days from the date of purchase.		Replacement or refund of the purchase price	Repair at charge
	A defect or defects requiring repair of any important part or parts within one(1) month from the date of purchase.		Replacement	
	A replaced product requiring important repair again within one(1) months from the date of purchase.		Refund of the purchase price	
	in case that it is impossible to replace the product.			
	Repairable	In case that a defect occurred	Repair at no charge	
		In case that the same defect has occurred four times after being repaired.	Replacement or refund of the purchase price	Refund of the amount of the product appraised on the basis of straight-line method of depreciation plus ten(10) percent.
	in case that it is impossible to repair the product.			
	in case that it is impossible to repair the product. because of no parts available for repair.			
	in case that the company has lost the Product returned for repair by the customer.			
	Damages caused during shipment or installation of the product.		Replacement	
Defects resulting from the customer's faults	in case that it is possible to repair the product.		Repair at charge	Repair at charge
	in case that it is impossible to repair the product.		Replacement after receiving the payment of fees equal to the amount that are to be charged in case of repair at charge	
■ If a defect resulted from acts of Gods, including but not limited to fire, salt damage, earthquake, storm and flood. ■ If a defect resulted from the use of abnormal power or defective connecting devices. ■ If consumable parts are to be replaced with new ones. ■ If a defect resulted from any cause other than those not ascribed to the product. ■ If a defect resulted from any repair or modification done by any persons other than authorized engineers at Hyun Won's agents or service center.			Repair at charge	Repair at charge

■ This liability is one of the standards recommended by a manufacturer and could be various depending on the market environments of each country.

Troubleshooting Problems

If you encounter the following problems, follow the suggested solutions below

1. Ultrasm will not download digital files from the PC.
   - Check the cable connection to the USB port.

2. Ultrasm will not play.
   - Verify that the battery has been inserted correctly.
   - Check battery discharge status.

3. The M-Any Manager does NOT recognize the hardware connection.
   - Check the cable connection to the USB port.
   - You may need to re-install the software. If "No memory found" is shown again;
   - Connect the USB cable to another USB port.
   - Check if there is "USB Flash Memory Controller Driver" in My computer Control Panel System Device Manager.

4. If there is "! (or?) USB Driver" or "! (or?) Untitled Device", USB driver was not installed correctly or is not properly recognized. In this case it is necessary to re-install the USB driver.
   - To install the USB drivers, please refer to the Help file of the program.
   - If there are no contents related to USB in My computer Control Panel System Device Manager, you may have to check if your computer is compatible with USB driver.

Troubleshooting Problems

- Check if there is a conflict with the hardware in the My computer Control panel System Device Manager.
  (Hardware conflicted with other hardware shows "!" or "?" mark in front of the device name.)
- If you can find conflict between hardware, delete the conflicted hardware and reboot computer.
- Please visit the Digisette website at www.digisette.com for the latest updates and software upgrades for the Ultrasm

5. Installing the USB Driver manually
- If a USB driver to control Ultrasm already exists in PC, there is no need to install a new driver.
- Insert Software CD into CD-ROM Drive (Do not execute the installation program.)
  Connect the Ultrasm Player to PC with USB cable.
  (If there is no USB driver to communicate between the Ultrasm and the PC, the "New Hardware Wizard" will appear on the screen.)
- Proceed the installation following the on-screen instructions.
- When the location of the drive is asked, select the folder of your CDROM.
  (When the installation finishes, The New Hardware Wizard will appear on screen again.)
- Follow the on-screen instructions to complete the installation of the USB driver.

Important Note

When connecting the cable with Ultrasm, ensure the correct orientation of the connector end, and do not force the connector. Improper connection with the USB cable can cause damage to the computer and/or the Ultrasm

WARRANTY FORM

One-year warranty

Product Name :

Model Name :

Date of Purchase : (date) (month) (year)

Customer's Name : Phone :

Address :

Agent's Name : Phone :

Address :

Hyun Won Inc.

- This Warranty Form with the date of purchase must be presented for warranty service. Please keep this warranty form well.

1. This product shall be entitled to warranty service as specified in the warranty form.
2. As the warranty period begins on the date of purchase, please ask the agent to enter the date of purchase in the warranty form when you purchased the product.
   (In case that it is impossible to confirm the date of purchase, the warranty period shall be considered to begin after six months from the date of manufacture.)
3. This warranty form shall not be reissued.

The specifications of the product are subject to change without notice for the purpose of quality improvement.

MEMO

MEMO