

UBi-100

Fantastic Multi-media Player

Thank you for purchasing our product.
Please keep well our manual and get information in need.
Warranty is attached in manual and please fill it out.

FCC Information

This device complies with Part 15 of the FCC Results. Operation is subject to the following two conditions:

- (1) This Device may not cause harmful interface, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for CLASS B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. 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 correct the interference by one or more of the following measures:

- 1.1. Reorient or relocate the receiving antenna.
- 1.2. Increase the separation between the equipment and receiver.
- 1.3. Connect the equipment into an outlet on a circuit different from that to which receiver is connected.
- 1.4. Consult the dealer or experienced radio/TV technician for help.

WARNING

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.



1.Preparation

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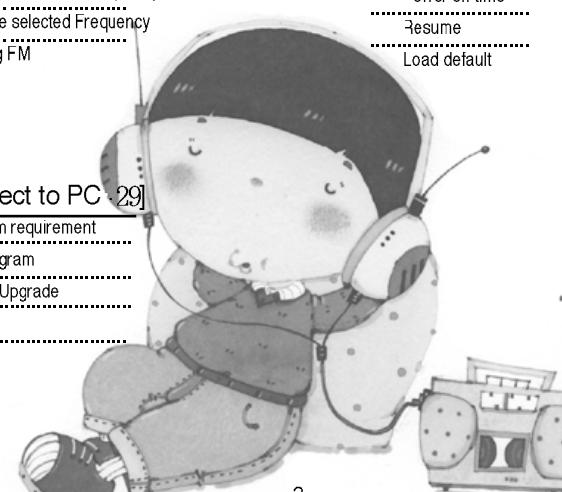
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1.Preparation





1.Preparation

The Feature of the Products



- ▶ **Firmware Upgrade**
Available to download new firmware from our web site.



- ▶ **U.M.S(USB Mass Storage)**
Available to store and move files easily.



- ▶ **Multi Codec Support**
Available to play various music files



- ▶ **4Line Graphic LCD**
Available to use folder navigation with 4 line full graphic LCD



- ▶ **FM Radio Receiver/Encoding**
Available to receive FM radio signal and record it digitally as an MP3 file.



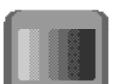
- ▶ **3D - Sound Stereo Enhancement**
Available to enjoy various sound effects.



- ▶ **Voice Recording**
Available to record via inner mic with AGC function.



- ▶ **Navigation**
Available to browse file and folder freely.



- ▶ **MultiLight**
Available to choose backlight color for matching your cloths.

1.Preparation

The Feature of the Products



- ▶ **Multi Language**
Available to display all languages on LCD



- ▶ **Direct Encoding**
Available to record the sound from outer audio device and save it as MP3 files



- ▶ **EQ/User EQ**
Available to choose your own music type.



- ▶ **G.U.I(Graphic User Interface)**
Available to maximize the convenience with icons



- ▶ **MAC/LINUX**
Available to use even in Mac/Linux



- ▶ **LYRICS**
Want to learn foreign languages?
Now enjoy with your eyes.
Available to support all languages all over the world



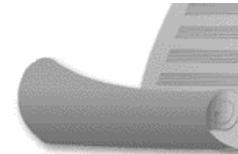
4

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1.Preparation

⚠ Safety Warning and Cautions



1. Avoid exposing the product to direct sunlight. (High temperatures applied to the product may cause damages)
2. Avoid placing the product under high moisture or dust level. (It cause damage to the product)
3. Avoid dropping or causing impact the product. (It may cause serious damage to the product)
4. Do not touch or connect the product with wet hands or if you are in contact with water. (This may cause electric shocks when the power is connected)
5. Do not use any chemical or detergent for cleaning the products as it may discolor or strip the product surface.
6. Keep the product away from areas where extreme vibration or magnets exist.
7. Never disassemble, repair or rebuild. Contact the support department if there are faults with the product.
8. Do not press on the LCD panel with any sharp objects. (This may scratch or damage the product and may void the product warranty)

1.Preparation

⚠ Cautions



Cautions in using battery

1. Remove dead battery immediately to avoid damage from corrosion.
2. When corrosion occurs, wipe the battery compartment immediately with a dry cloth and insert a new battery.
3. To avoid corrosion, remove the battery if the player is not to be used for a long time.

Caution for safety.

1. Never disassemble, repair or rebuild
2. Please put the battery out if the player is overheating.
3. Don't use the player on airplane & the place which it is not limited.
4. Don't use the player while driving. It may cause a traffic accident

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Included Accessories

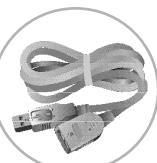
1.Preparation



Digital Audio Player



Earphone



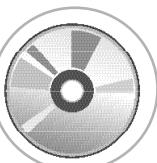
USB cable



Case



Manual



Software CC



Neck strap



AAA battery



Encoding cable

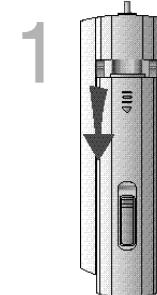
OPTION



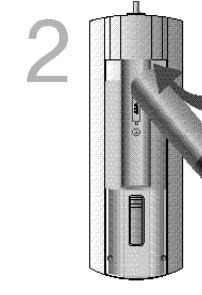
Arm Band

How to use battery

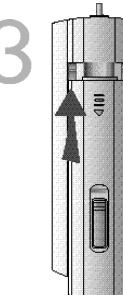
Please use normal battery("AAA", LR03, VM-4)



Slide down the battery cap
as shown in the figure



Insert the battery with
correct polarities



Close the battery cap

Please check the battery



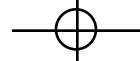
Full Battery

Decrementated
Battery

Low Battery

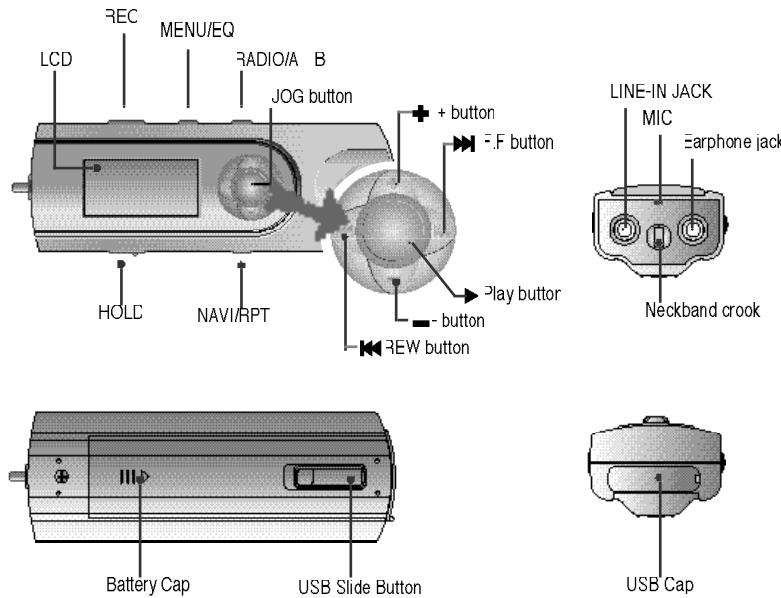


Flat Battery



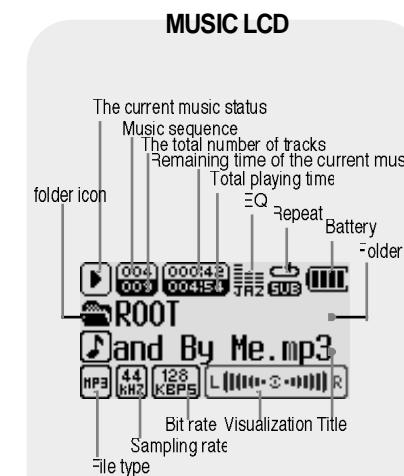
1.Preparation

Hardware description

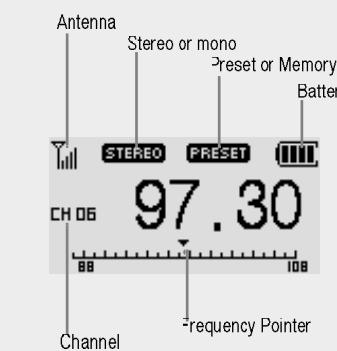


1.Preparation

LCD Description



FM LCD



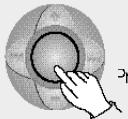
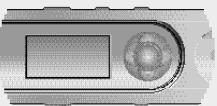


2.Basic Function

Power on

Press the play button continuously.

- Power on



Press it (1 seconds)



2.Basic Function

Hold (Lock Function)

Hold (Lock) is set with a padlock icon displaying on the LCD when you push the Hold switch on the back of the product as shown below figure.



Volume control is available in Hold mode

2.Basic function

Hold Release

By pushing the Hold switch to the other direction, Hold lock can be released.



Hold lock can be released

2.Basic function

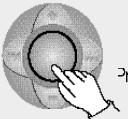
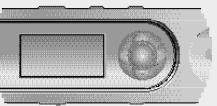
Power off

Automatic Power off.

- By setting Power off time, Power will be automatically off

Manual Power off

- Press the play button continuously.
- By pressing the button continuously, the power will be off.



Press it (1 seconds)

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2.Basic Function

FM/MP3 changing

Press the RADIO/A B button continously.

- Play/Record Mode FM Mode.



2.Basic Function

Volume control

Press (+) button (-) button.

Press the (+) button, then volume up.

Press (-) button, then volume down.

Volume can be controlled in 30 units.



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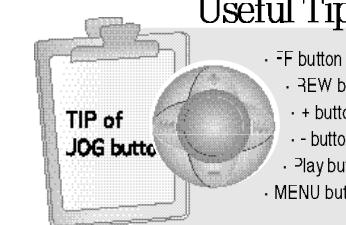
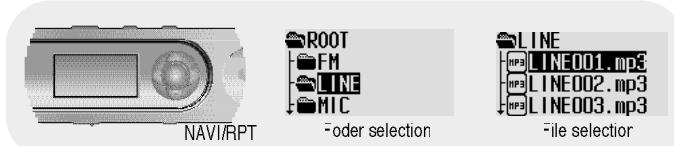


2.Basic Function

Folder/File Selection

Press the NAVI/RPT button continously.

- Press +,-,FF,REW button, choose folder or file and press play button.



Useful Tip

- FF button : Move to main folder
- REW button : Move to sub folder
- + button : Up
- - button : Down
- Play button : choose
- MENU button : cancel

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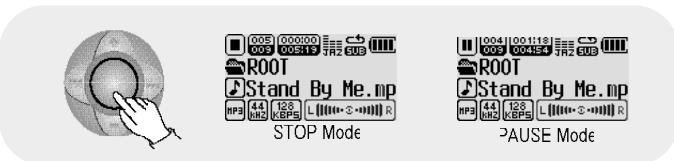




3. Play/Record Mode

Playing (In Stop or Pause mode)

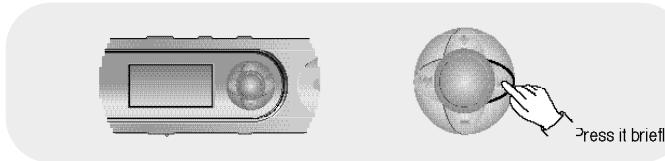
Press Play button briefly.



3. Play/Record Mode

Playing next file (In Play mode)

Press FF button briefly.



3. Play/Record Mode

Playing (In Navigation mode)

Press NAVI/RPT button continuously.

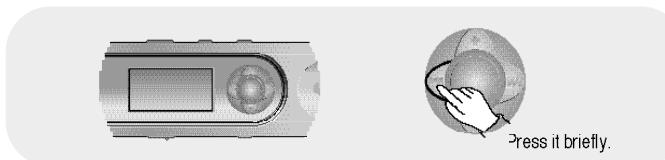
• Press +,-,FF,REW button, choose folder or file and press Play button.



3. Play/Record Mode

Playing previous file (In Play mode)

Press REW button briefly.





3. Play/Record Mode

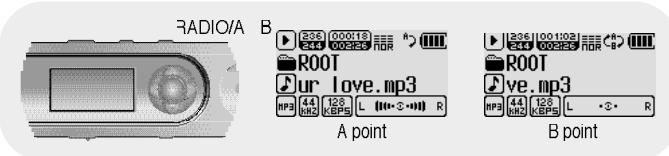
Section repetition

Press RADIO/A B button briefly in a Play mode.

Press RADIO/A B button briefly again.

· Repeats from A to B

By pressing RADIO/A B button briefly, the repetition will be over.

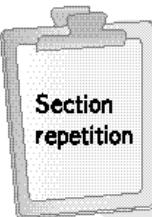


Section repetition is not available in 3seconds after it start playing

UBI-100 Tip

Section repetition is very useful function for you to listen to specific part repeatedly.

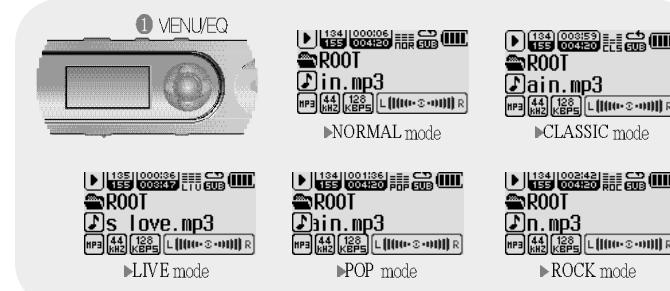
To learn your favorite song , this function is just for you.



3. Play/Record Mode

Selecting EQ

By pressing EQ/MENU button briefly, it is changed in below order.





3. Play/Record Mode

Setting Repeat, Play mode

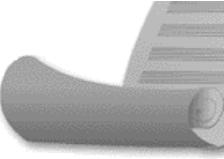
By pressing NAVI/RPT button briefly, it is changed in below order.



NOR 1 DIR SUB ALL
 RPT 1 DIR SUB ALL
 SFL DIR ALL
 INT DIR SUB ALL

ONF: play a music
 DR: play in selected directory
 SBL: play in selected sub-directory
 A: play a music

NDR: play once in file
 RPT: play repeatedly in file
 SFL: play when in selected file
 INT: play a next track in selected file



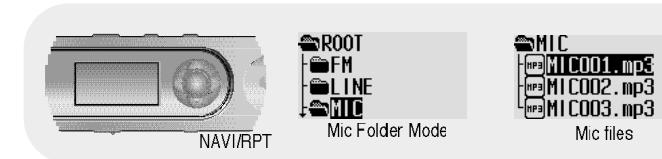
3. Play/Record Mode

Voice recording

available in MP3 mode

- Press REC button continuously
- Recording starts.(by inner Mic.)
- By pressing PLAY button, recording will be stopped temporarily
- By pressing REC button briefly, recording will be stopped.
- To play recorded file
- Press NAVI/RPT button continuously.
- Press +, FF, REW button, move to MIC folder or file and then press Play button.

Please set MIC encode before voice recording



When playing recorded file

Caution : When Line-in cable is connected, it can record from Line in port





3. Play/Record Mode

Direct encoding

Connect sound output jack to line-in jack.

Press REC button continuously.

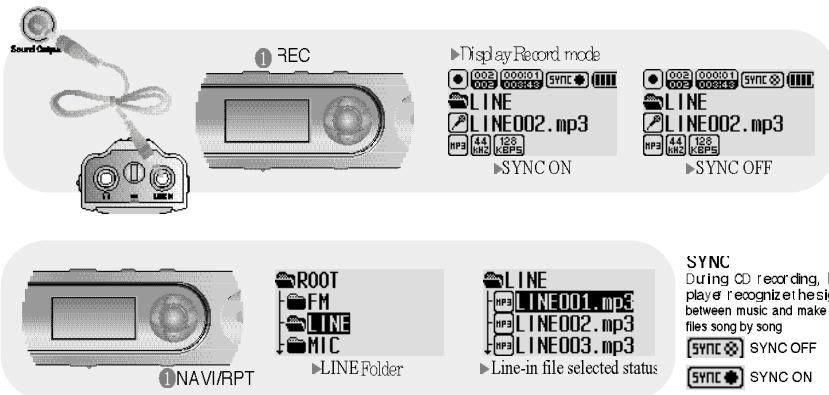
- Recording starts. (Put Line Cable to Line-in port)

By pressing PLAY button briefly, Recording will be stopped temporarily.

By pressing REC button briefly, Recording will be stopped.

To play recorded file

- Press NAVI/RPT button continuously.
- Press +, FF, REW button, choose folder or file and Press play button.

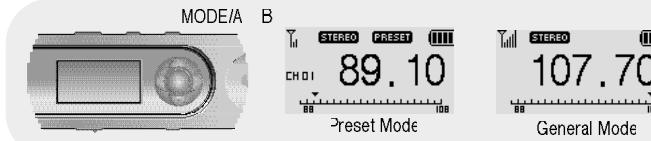


4.FM Mode

Preset Mode / General Mode

Press play button briefly.

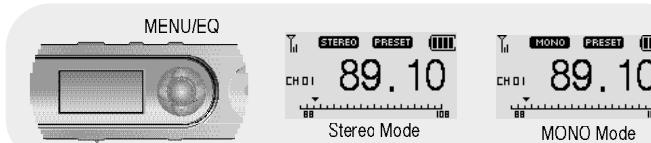
- Preset mode General mode.



4.FM Mode

STEREO/MONO Setting

Press MENU/EQ button briefly.



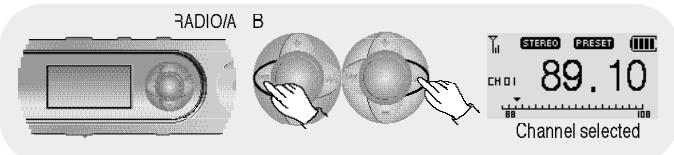


4.FM Mode

Searching FM Frequency

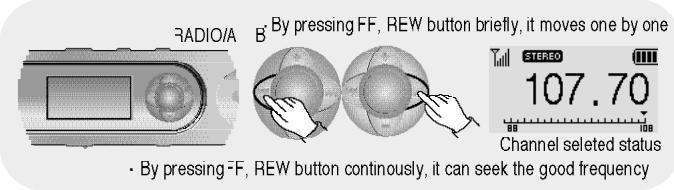
In a preset Mode

- By pressing play button briefly in a FM mode, it is changed to preset mode
- By pressing FF, REW button, channel is selected



In a General Mode

- By pressing FF, REW button briefly, move by 0.1 MHz or 0.05 MHz
- By FF, REW button continuously, it can seek the good frequency.



4.FM Mode

Storing the selected frequency

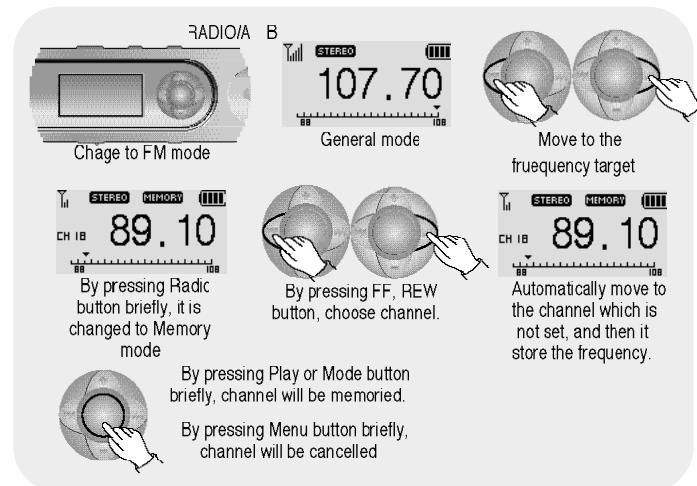
Change to General mode.

Move to the target frequency.

Press RADIO/A - B button briefly.

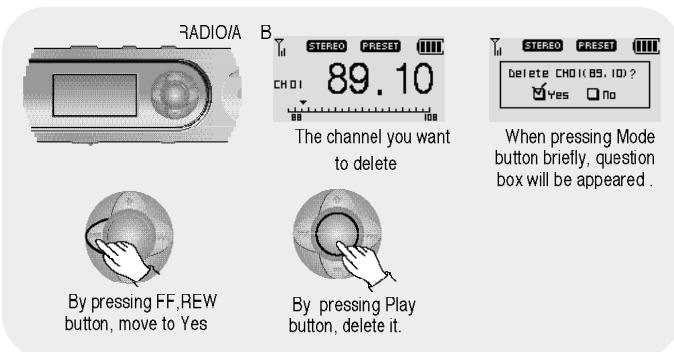
By pressing FF, REW button, RADIO move to target

By pressing Play button, choose channel.



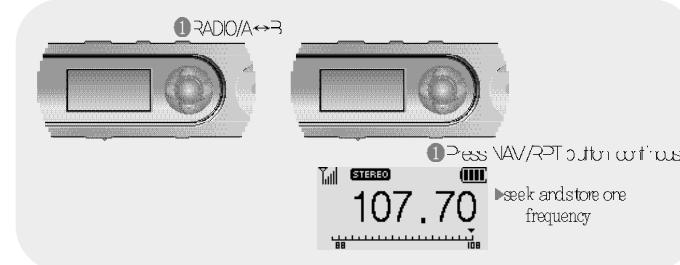
4.FM Mode Deleting the selected frequency

Change to Preset mode.
Move to the channel which you want.
Press RADIC/A B button briefly.
By pressing REW button, move to [Yes], [No].
By pressing Play button, choose one.



4.FM Mode Storing the selected frequency automatically

Change to General mode.
Press NAVI/RPT button continuously.





4.FM Mode

FM Recording

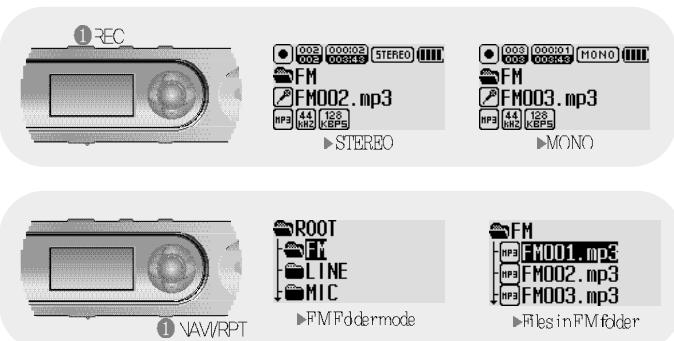
Press REC button continuously.

- Recording starts.
- For stopping recording, Press REC button briefly.

By pressing PLAY button during recording, Recording will be stopped temporarily

To play recorded file

- Press NAVI/RPT button continuously.
- Press +,-,FF,REW, Move to FM folder or file and then press Play button.



In playing recorded file

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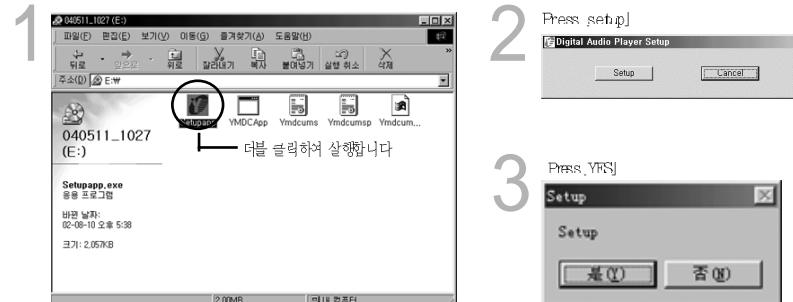
5. Connect to PC

System Requirements

- Microsoft Windows 98/98SE/ME/2000/XP
- CD ROM Drive
- Pentium 200MHz or faster
- RAM 32MB or more
- 20MB free hard disk space
- USB port (USB1.1)

WINDOW 98, 98SE INSTALL DISC

It may be different when you connect VFR before you install program
You need to install driver under windows 2000/XP



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INSTALL DISC

4 Press [] and reboot



5 After reboot, New hardware will be recognized



6 Please check Digital Audio Player in



1 In window98, You have to install Digital Audio Player program

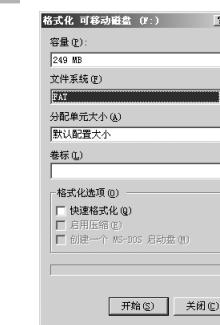
2 No need to install in win2000/XP

Formatting

1 Please select [FORMAT]



After formatting, You should rename MP3.
Please disconnect MP3 and power on MP3.
Virtual folder will be created automatically.

2 Please click right button,
after connecting MP3

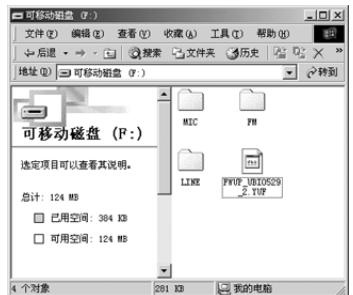
You should select FAT, otherwise, it may
not work well.



5. Connect to PC

Firmware Upgrade

- ① Back up all data of MP3 player to PC.
- ② Format MP3 player.
- ③ Copy firmware file (FWUP. URL---.YUE) to MP3 player.



- ④ Disconnect and power on MP3 player.
- ⑤ After finishing upgrade, power will be off automatically.
- ⑥ It takes more time to power on, Firmware upgrade will be finished.

GENERAL

Repeat mode setting

Press MENU/EC button continuously.
 Choose [GENERAL] [REPEAT MODE].
 Choose one then press play button

ON : play a music
 DIR : play music in directory
 SUB : play music of sub-directory
 ALL : play all music
 NOR : play once in folder
 RPT : play repeatedly in folder
 SHF : play without order in folder
 INT : play a certain part (50/20 seconds)

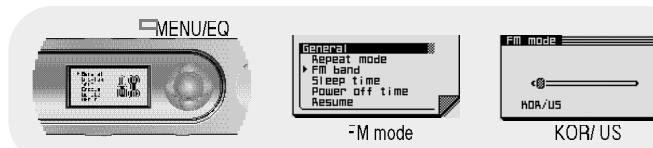


GENERAL

FM Band setting

Choose [GENERAL] [FM BAND].
 Choose [KOR/US], [JAPAN], [EU] then press Play button.

KOR/US (K/JMH/KH)
 JAPAN (A, (A)MH/KH)
 EU (A, (A)MH/KH)

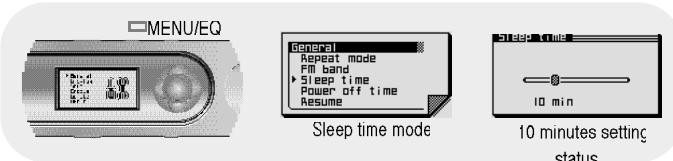




GENERAL

Sleep time setting

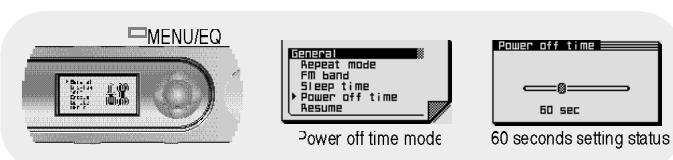
Press MENU/EC button continuously.
 Choose [GENERAL] [SLEEP TIME].
 Choose one, then press play button.



GENERAL

Power off time setting

Press MENU/EC button continuously.
 Choose [GENERAL] [POWER OFF TIME].
 Choose one then press Play button.

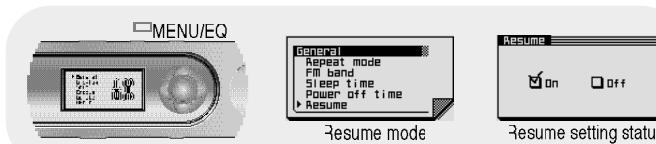


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GENERAL

Resume setting

Press MENU/EC button continuously.
 Choose [GENERAL] [RESUME].
 Choose [ON] or [OFF] then press Play button.



GENERAL

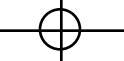
Load Default setting

Press MENU/EC button continuously.
 Choose [GENERAL] [Load Default].
 Choose [YES], [NO] then press Play button.



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It will be changed to default of ex-work when you choose FM-CH Memory and load.



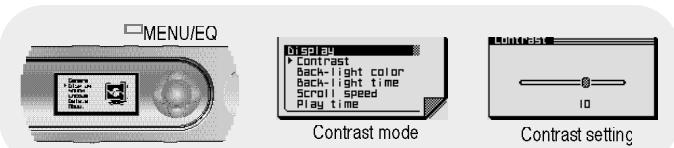
DISPLAY

LCD contrast setting

Press MENU/EC button continously.

Choose [DISPLAY] [Contrast]

Choose one between 0 ~ 15 then press Play button.



DISPLAY

Back-light time setting

Press MENU/EC button continously.

Choose [DISPLAY] [Back-light time]

Choose one between 5 ~ 20 seconds then press Play button.



DISPLAY

Back-light color setting

Press MENU/EC button continously.

Choose [DISPLAY] [Back-light color]

Choose one of 7colors then press play button.



DISPLAY

Scroll speed setting

Press MENU/EC button continously.

Choose [DISPLAY] [Scroll speed]

Choose [Slow] or [Normal] or [Fast] then press Play button.



Play time setting

Press MENU/EC button continuously.

Choose [DISPLAY] [Play time]

Choose [Normal] or [Remain] then press Play button .



ID3-Tag setting

Choose MENU/EC button continuously.

Choose [DISPLAY] [ID3 Tag]

Choose [ON] or [OFF] then press Play button.



Lyrics Setting

① Press MENU/EC button continuously.

② Choose [DISPLAY] [Play time]

③ Choose [ON] or [OFF], then press play button





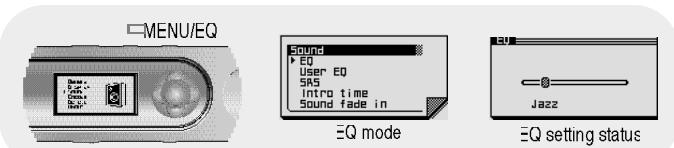
SOUND

EQ

Press MENU/EC button continuously.

Choose [SOUND] [EQ]

Choose one between [Normal], [POP], [BASS], [ROCK], [JAZZ], [CLASSIC] then press Play button.



SOUND

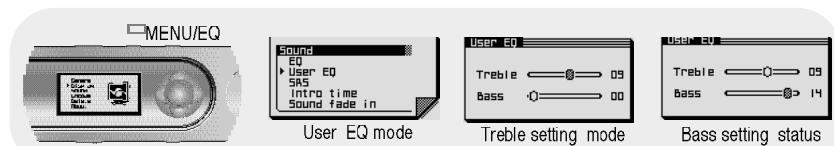
User EQ

Press MENU/EC button continuously.

Choose [SOUND] [User EQ]

Choose [Treble- 0~16] then press Play button.

Choose [Base 0~16] then press Play button.



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SOUND

3D Sound

Press MENU/EC button continuously.

Choose [SOUND] [3D SOUND].



SOUND

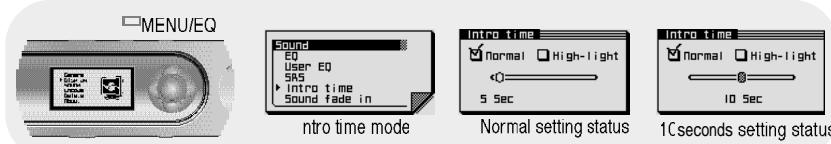
Intro time setting

Press MENU/EC button continuously.

Choose [SOUND] [INTRO TIME]

Choose [Normal] or [High-light] then press Play button.

Choose one between 5 seconds ~15 seconds then press Play button.



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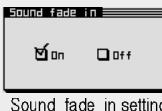
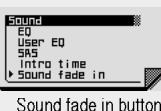
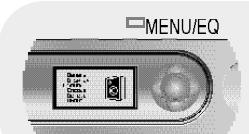
SOUND

Sound fade in

Press MENU/EC button continously.

Choose [SOUND] [Sound fade in]

Choose [on] or [off] then press play button.



Sound fade in button

Sound fade in setting

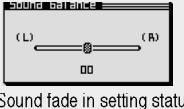
SOUND

Sound balance

Press MENU/EC button continously.

Choose [SOUND] [Sound balance]

Choose [Balance] then press Play button.



Sound fade in status

Sound fade in setting status

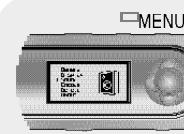
SOUND

Output control

Press MENU/EC button continously.

Choose [DISPLAY] [Output control]

Choose [ON] , [OFF] then pres play button.



Output control mode

Output control setting status

SOUND

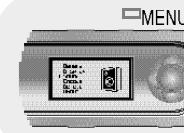
SOUND

Speed control

Press MENU/EC button continously.

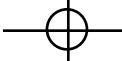
Choose [DISPLAY] [Speed control]

Choose [Balance] then press play button.



Speed control mode

Speed control mode



SOUND

Play list

Press MENU/EC button continously.
 Choose [DISPLAY] [Play list].
 Choose [Balance] then press Play button.

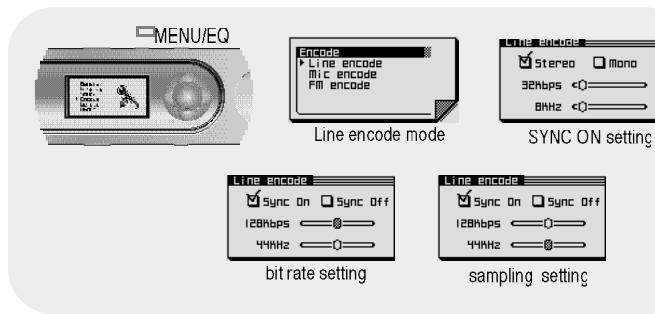


Play list setting

ENCODE

Line encode

Press MENU/EC button continously.
 Choose [ENCODE] [Line encode].
 Choose [Stereo] or [Mono] then press Play button.
 Choose bit rate then press Play button.
 Choose sampling frequency then press Play button.



SYNC
 If you want to make mp3 file song by song from CD, it will be very convenient.

[SYNC] SYNC ON
 for SYNC recording

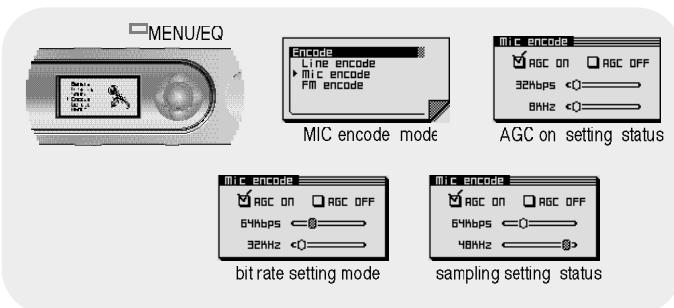
[SYNC] SYNC OFF
 Not used for SYNC OFF



ENCODE

MIC encode

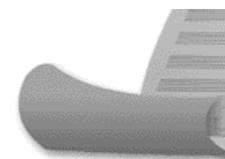
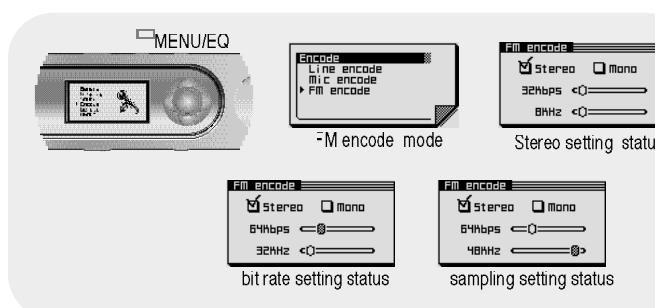
Press MENU/EC button continuously.
 Choose [ENCODE] [MIC encode]
 Choose [AGC ON],[AGC OFF] and press Play button.
 Choose bit rate then press play button.
 Choose sampling frequency then press play button.



ENCODE

FM encode

Press MENU/EC button continuously.
 Choose [ENCODE] [FM encode]
 Choose [Stereo] or [Mono] and press Play button.
 Choose bit rate and press Play button.
 Choose sampling frequency and press play button.





DELETE

One delete

Press MENU/EC button continuously.
 Choose [DELETE] [Delete one]
 Choose [Yes] or [No] then press Play button.



Available to delete 1 song in stop mode

DELETE

All delete

Press MENU/EC button continuously.
 Choose [DELETE] [Delete all]
 Choose [Yes] or [No] then press Play button



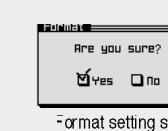
Available to delete all song in stop mode, not removable once deleted

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DELETE

Format setting

Press MENU/EC button continuously.
 Choose [DISPLAY] [Format]
 Choose [YES] or [NO] then press Play button.



Format mode

Format setting status

Available to format in stop mode
 Please keep power on while formatting files
 Manufacture doesn't take responsibility
 Please back up important data files before formatting files

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ABOUT

Version

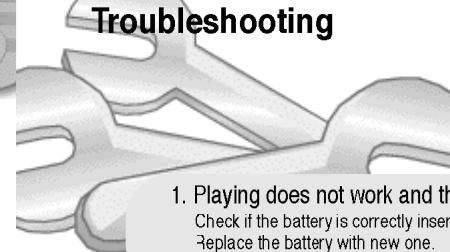
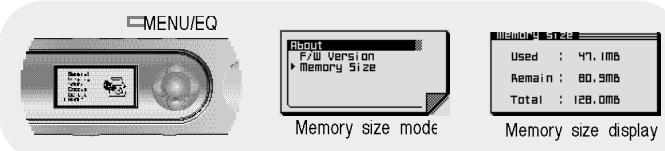
Press MENU/EC button continuously.
Select [ABOUT] [F/W Version]



ABOUT

Memory size

Press MENU/EC button continuously.
Choose [ABOUT] [Memory size]



Troubleshooting

1. Playing does not work and the LCD screen is not turned on

Check if the battery is correctly inserted.
Replace the battery with new one.
Charge the rechargeable battery.

2. Cannot hear any sound.

Check if the memory file is saved.
Check if the volume is set to 0(zero).
Charge if the earphone is connected correctly.

3. The button key does not work.

Check if the HOLD button is set.

4. Cannot download anything.

Check if the USB cable connected correctly.
Check if the USB extension cable is properly connected.



Others

Products specification

ITEM	Category	Specification
Audio	Number of Channel	Stereo (L+R)
	Frequency Range	20Hz~20KHz
	Headphone Output	12mW+12mW (16ohm) : Output ON 6mW+6mW (16ohm) : Output OFF
	S/N	90dB (1KHz input 0dB)
	Distortion	0.1%+0.05 (1KHz input 0dB)
FM Radio	Playing Speed Control	-100% ~ +100%
	Frequency Range	76MHz ~ 108MHz(87.5 ~108MHz)
	Headphone Output	6mW+6mW (16ohm)
	S/N	60dB at 1mV 98.1MHz
	Distortion	0.8% at 1mV 98.1MHz
File Support	File Format	MPEG 1/2/2.5 Layer3, WMA, ASF
	MP3 Encoding	MPEG 1/2/2.5 Layer3
	Bit Rate	Auto Sync 32Kbps~320Kbps, VBR
	Tag	ID3 Ver1.0/1.1/2.0
General	Language	39 languages
	Voice Recording	18 hrs (256MB)
	Memory Capacity	128/256/512MB
	Playing Time	Alkaline Battery Approx 18hrs (AAA x 1)
	BackLight	7 Color LEDs
	LCD	4Line Graphic LCD
	Dimension	85 x 31 x 21.5mm
	Weight	Approx 37g (Without Battery)
Operational Temperature	5°C ~ 40°C	
	JSB 1.1	

WARRANTY FORM

1. The warranty service on this product is provided based on the information contained in the Warranty Certificate.
2. The warranty service takes effect from the date of purchase, so please make sure you fill in the date of purchase on the Warranty Certificate at the time of purchase. (If the date of purchase cannot be verified, the date 6 months from the date of manufacturing will be use instead.)
3. This Warranty Certificate is not reissued.

MODEL	Model No		
Products number			
Customer	Name		
	Address		
Seller	Name		
	Address		
Date of Purchase	(month) (day) (year)	Warranty	1 year
Name		Telephone	02)2107-7940
Manufacture	Address	508 Daerung Technotown #6 493-6 Gasan-Dong Geumcheon-Gu Seoul Korea 153-803	



508, Daerung Technotown #6, 493-6, Gasan-Dong Geumchen-Gu, Seoul, Korea 153-803
Tel : 02-2107-7940 Fax : 02-2107-7942
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