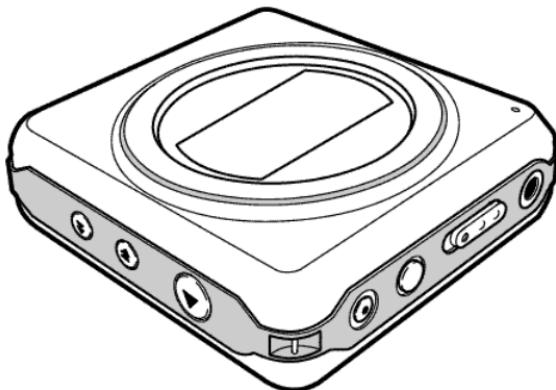


XCLEF

DIGITAL AUDIO PLAYER

MT-200

User Manual



MultiChannel Labs

Thank you for purchasing MT-200.

Before using this product, please read user manual carefully.

It prevents you from wrong operation and let you know use your player more conveniently.

Thank you.

Notice

1. Please read carefully user manual and keep it well.
2. Be cautious not to spill liquid on your player. It may cause fire, electric shock, or malfunction of the player.
3. Do not expose your player to humidity, high temperature, or dusty areas.
4. Do not leave your player in direct sun-light or near a heat source.
5. Do not use any accessories other than ones recommended by us. Any malfunction or trouble caused by using non-recommendable accessories will void your warranty.
6. Do not use thinner, alcohol or benzene when cleaning the player.
It may damage the player.
7. Do not attempt to take apart, repair or modify your player.
8. Be sure to use rated voltage.

Contact for service when

You have dropped or damaged the player.

The player is wet by rain or water.

Any liquid has gotten into the player.

Any trouble with the player besides as described above

MUSICMATCH :



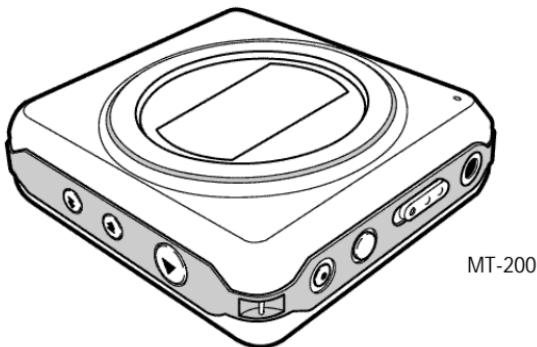
We have made the license agreement with MUSICMATCH, Inc.
in USA.

You can playback mp3 files, convert audio files into mp3 files.
For the details, refer to MUSICMATCH.COM.

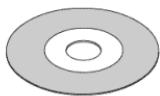
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Basic Package



Installation CD



User Manual



AAA size battery



Earphone



USB cable connecting to PC



Necklace strap

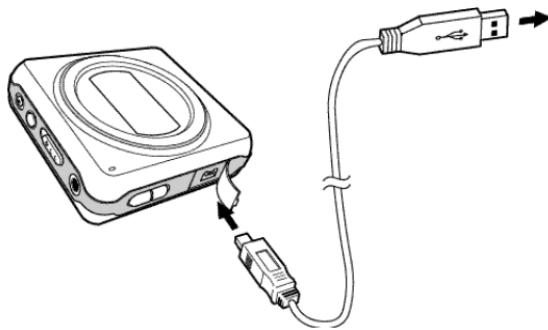
Installation Manual

Installing Software on PC



Then DIGITAL AUDIO MANAGER will be registered in 'Program' of 'starting menu'.

Connecting to PC



Connecting to PC

1. Plug one end of USB cable into the USB port on the back of computer.
2. Plug the other end of USB cable into USB port on the player.

Notice !!

If you connect USB cable while playing, it may cause malfunction.
To avoid this, you have to connect USB cable in the status of pause/stop.

Installing USB driver (Automatic)



Installing USB driver (Automatic)

1. Plug USB cable to PC.
2. USB driver will be installed with a message saying that it is searching for a new device.
3. If you failed to install USB driver, restart your PC and try again.
(If USB driver is not installed at the second attempt, contact your PC manufacturer.)
4. When USB driver is installed, "USB FOR DIGITAL AUDIO DEVICE" will appear in <System Properties> --> <Device Manager> as shown.

Manual Installation of USB Driver

If USB driver does not install automatically, there is not "USB FOR DIGITAL AUDIO DEVICE" in <System Properties> --> <Device Manager>
Connect the player to PC to install the driver manually.

1. Windows XP

Follow the below sequence.



If you complete installation, Click <Finish> button.

There might be shown a warning message and then ignore that message and keep going the process.

2. Windows 98

Follow the below sequence.



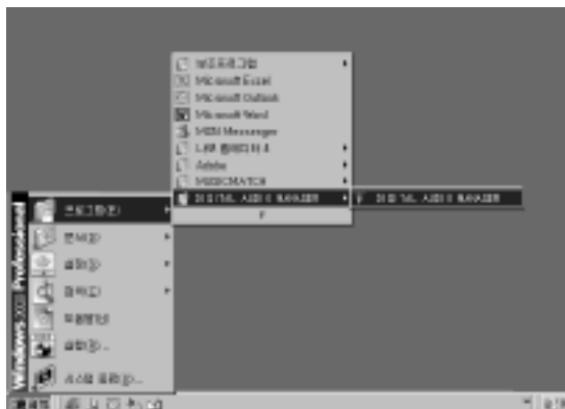
3. Windows 2000

Follow the below sequence.



Manager Program Manual

Program starting



Click DIGITAL AUDIO MANAGER.



If you start Manager Program, you will see the above screen.

Description of menu

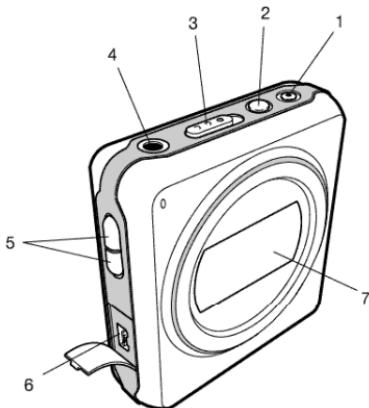
FILE	EXIT	PROGRAM EXIT
OPERATION	DOWNLOAD SELECTED FILES IN PC TO PLAYER	Download selected data or files in PC into internal/external memory (Drag & Drop)
	UPLOAD SELECTED FILES IN PLAYER TO PC	Upload selected data or files in internal/external memory into PC (Drag & Drop)
	REMOVE FILES IN PLAYER	Delete selected data or files in internal/external memory
	REMOVE ALL FILES	Delete all selected data or files in selected internal/external or internal or external memory
	FORMAT	Format all internal/external memory
	FORMAT ALL MEMORIES	Format all selected data or files in selected internal/external or internal or external memory
	CANCEL OPERATIONS IN QUEUE	Cancel operation of selected DOWNLOAD/UPLOAD/DELETE in queue
	CANCEL ALL OPERATIONS	Cancel all operations of DOWNLOAD/UPLOAD/DELETE in queue
VIEW	MEMORY	Option for viewing selected memory in internal/external memory. You can select and view one of [NAME, STORAGE, SIZE, DATA]
	PC	Option for viewing data in PC. You can select and view one of [BIG ICON, SMALL ICON, LIST, REPORT]
ABOUT	ABOUT	Version and information of current program

Notice

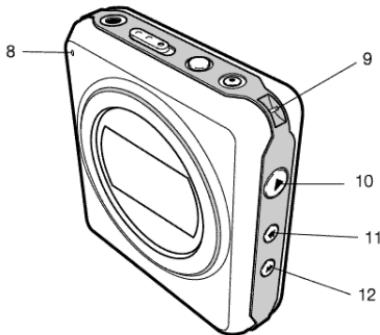
In case of UPLOAD SELECTED FILES IN PLAYER TO PC :

1. There is limitation of upload due to the copyright problem if the file is MP3 or WMA.
2. If the file is voice file, it will be automatically converted into WAV file and stored up in your PC.

User Manual

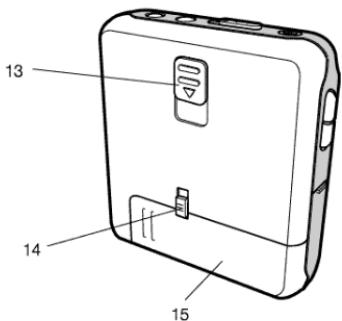


1. **Rec** : Voice Recording / Repeat (A <-> B)
2. **Mode** : Conversion Audio mode into Voice mode and vice versa / Repeat / EQ Setting etc.
3. **Hold** : Button lock
4. **Earphone Jack**
5. **Volume** : Volume Up/ Down
6. **USB Jack**
7. **Display Panel (LCD)**

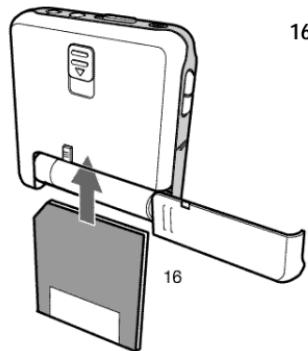


8. **Microphone**
9. **Necklace strap holder**
10. **Play button**
11. **Previous/Fast Backward**
12. **Next/Fast Forward**

Parts Description



- 13. SMC card Eject Plate
- 14. Battery Lock Plate
- 15. Battery Cover



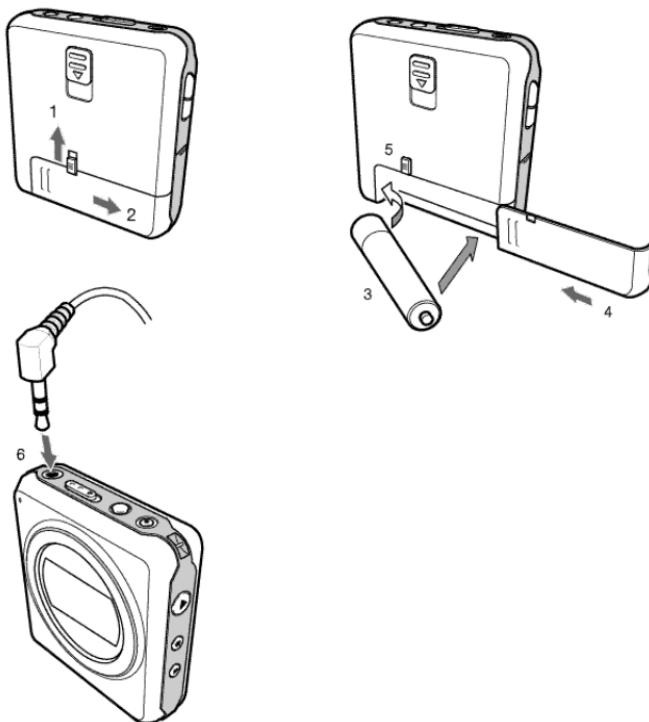
- 16. Insert SMC card in right direction as shown

Structure of display panel (LCD)



1. BATTERY indicator
2. PLAY TYPE indicator
3. SMC CARD indicator and shown only if SMC card is inserted
4. HOLD Indicator
5. REPEAT MODE indicator DIR ALL
6. REPEAT SETTING indicator
7. PLAY STATUS indicator
8. PLAYING TIME indicator
9. CURRENTE FOLDER indicator
10. CURRENT SONG indicator
11. CURRENT FILE indicator
12. SAMPLING FREQUENCY indicator
13. BIT RATE indicator
14. EQ indicator
15. VOLUME indicator

Inserting Battery & Connecting earphone



Hold off battery lock plate.

Push battery cover on your right side to open it..

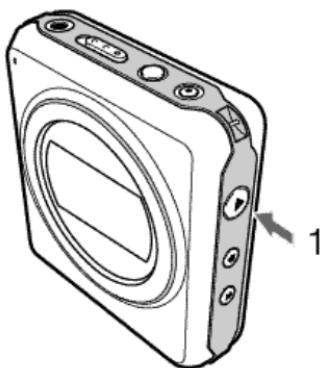
Insert "AAA" battery as shown.

Push the battery cover on your left side to close it.

Hold on the battery lock plate.

Connect earphone completely.

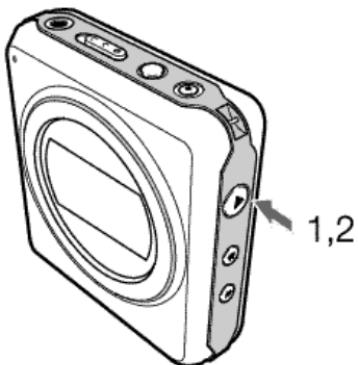
Power-On



Press " " button shortly.

Upon turning on the power, a music starts immediately. (Autoplay)

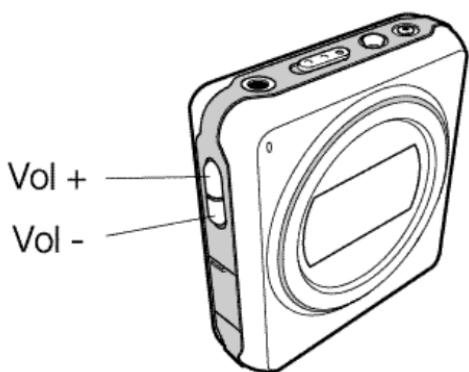
Pause / Power-Off



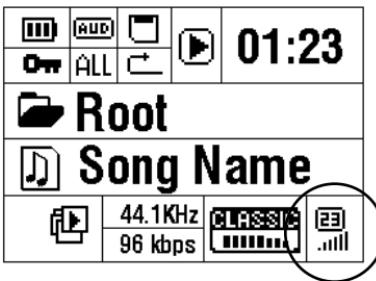
If you press " " button shortly while playing, the music stops.

Then press " " button again for more than 2 seconds, and the player will be "Power Off".

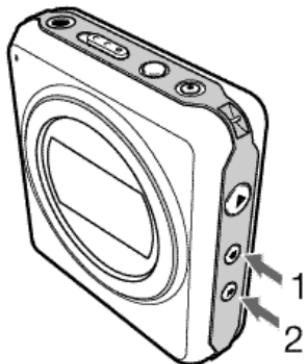
Volume Control



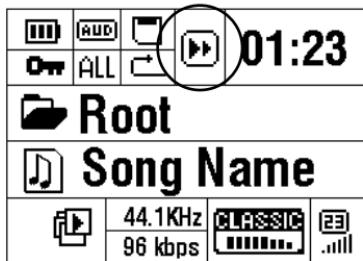
Press Vol. +/- on the left side of the player to adjust the volume with 0-30 figures while playing.



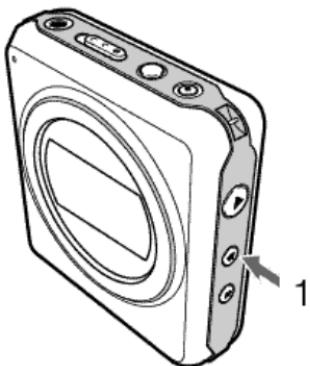
Fast Backward & Fast Forward



If you're pressing " " or " " button while playing, Fast Backward or Fast Forward works.



Moving to the first of the song



When you press " " or " " button shortly while playing, you can move to the first of the song.

* Note : This feature does not work if playing time passed over 5 seconds.

Loop Repeating



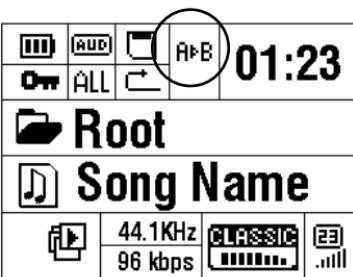
While playing music, press the "Rec." button shortly at the beginning of the loop you want to set.

"A" flickers in the display

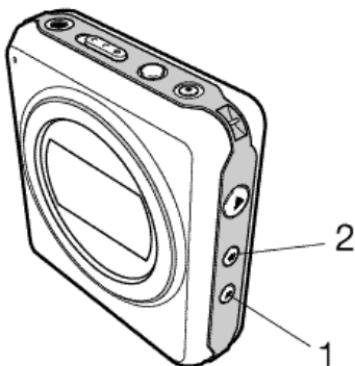
Press the "Rec." button shortly again at the end of the loop you want.

"A" "B" appears in the display panel and the loop is played repeatedly.

Press the "Rec." button shortly to exit from the loop.



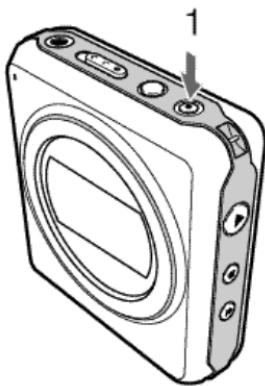
Previous / Next Track



Press " " button shortly, if you want to move next song(track).

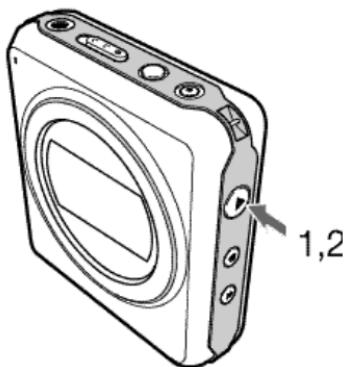
Press " " button shortly, if you want to move previous song(track).

Deleting Files



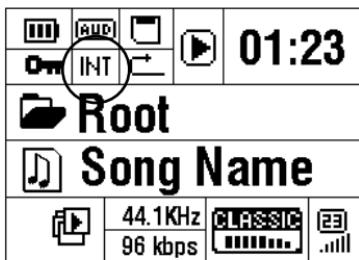
Press "Rec." button long while playing, current playing song is deleted.

Intro On / Off

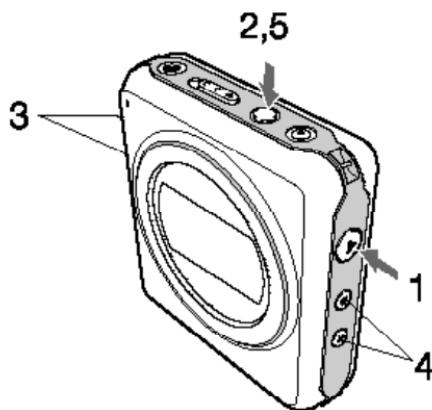


If you press " " button long, each music is played in sequence for 10 seconds.

Press the " " button again to exit from Intro mode.



MODE Setting



Press " " button shortly to pause music while playing.

Then press MODE button long and will be converted into MODE setting mode.

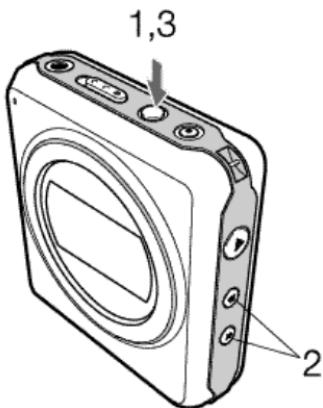
Select item of MODE using Vol. +/-.

Select detail function using " " or " " button.

After completing MODE Setting, press MODE button long.

Items of Mode	Detail Functions	Remark
Type (Play mode)	<AUDIO> music play mode <VOICE> voice recording & voice play mode	
REPEAT	<1SONG> repeat 1 song <ALL> repeat all	
PLAY-M	<Normal>Play only once <Auto-reverse> Infinity repeat <Intro> play each song 10 seconds <Random> Random play	
SET-EQ	<Normal/Live/Pop/Rock/Classic>	
ERASE	<1File> erase 1 music	
VS SET (voice file quality)	<8kbps>Low quality <16kbps> Middle quality <32kbps> High quality	High quality has bigger recoding file size
AUTO PLAY	<On> Auto Play on <Off> Auto Play off	
RESUME	<Off> Plays the first song in the memory <Song> Plays from the first of latest song before power-off <Real> Plays from the position of latest song you stopped	
EL MODE (Backlighting)	<On> EL mode on <Off> EL mode off	3 seconds
LANGUAGE	<KOR> English/Korean <ENG> English/Spanish/French/German/Portuguese	
ID3 TAG	<On> ID 3 TAG on <Off> ID 3 TAG off	
CONTRAST	0 ~ 10	

EQ Setting & Navigation while playing



EQ Setting

Press MODE button shortly while playing.

EQ lamp of display panel flicks, then change EQ pressing " " or " " button.

After setting, press MODE button shortly to exit.

Navigation

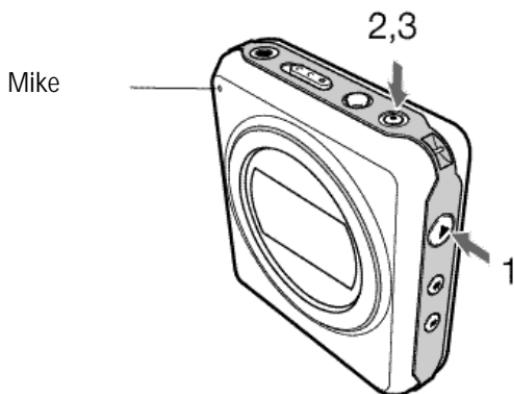
Press "Mode" button long while playing.

Search files pressing " " or " " button.

If you press " ", the selected song plays.

There might be a noise in Navigation mode when operating keys.

Recording function (Voice Recording)

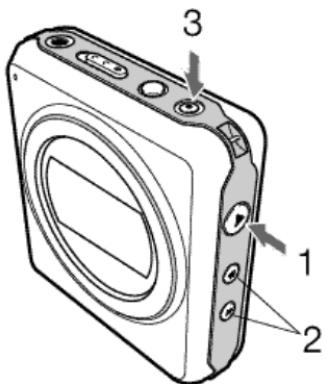


Press " " button to stop music while playing.

"Recording now..." is appeared on the display panel when pressing "Rec." button longer than 2 seconds, and recording starts. When recording voice, voice file is created automatically.

Press "Rec." button shortly to stop recording voice.

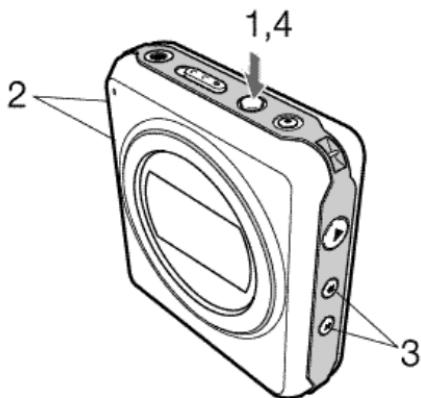
Playback & Deleting Voice file(s)



1. Playback of recorded file is the same as playback of music file. Select a file using " " or " " and then press " " for playback.

When deleting a voice file that is playing currently, press "Rec" button longer than 2 seconds.

Returning to Audio Mode



Press " " button shortly to pause while playing a voice file.

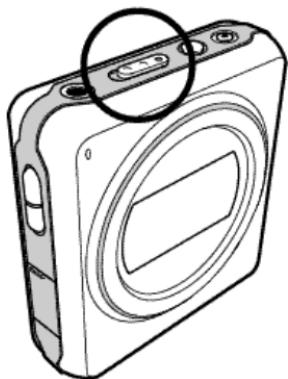
And press "Mode" button long to be in MODE setting mode.

Press vol. "+/-" button to select TYPE.

Press " " or " " button to change into "Audio" mode.

Press MODE button longer than 2 seconds to exit "Mode".

Hold On/Off



Hold-On



Hold-Off

Slide the "hold" switch on your left side for Hold-On.

Slide the "hold" switch on your right side for Hold-Off.

Troubleshooting

Problem	Cause and Action
The power will not turn on	<ul style="list-style-type: none">- Check battery is inserted correctly- Check the battery is exhausted out- The player may not operate normally in a cold weather. If temperature goes up, it works
The button does not work	<ul style="list-style-type: none">- Check "Hold" slide is "On" position
Poor sound quality or No sound	<ul style="list-style-type: none">- Check SMC card is inserted in right direction- Check MP3 files are stored in internal or external memory- If MP3 files downloaded to built-in memory or SMC card are wrong, the MP3 files can make a noise or stop playing- Check the volume is set correctly
MP3 files cannot be downloaded	<ul style="list-style-type: none">- Check your MP3 player is power on- Check USB cable is connected correctly to PC- Make sure that if you removed the USB cable after copying MP3 files perfectly- Wait for a while when PC doesn't make any response while copying MP3 files- Check USB driver works normally in Device Manager

Technical Specifications

MT-200

Specifications	
Supported MP3 file format	MPEG 1/2/2.5 LAYER 3 Playback
MP3 Bit Rate	32Kbps ~ 320Kbps & VBR(Variable Bit Rate)
MP3 Sampling Frequency	16/22.05/24/32/44.1/48KHz
WMA supported	WMA playback (64Kbps ~ 128Kbps)
Internal (built-in) memory	64/128/256MB
Voice Recording supported	User Selectable (8/16/32Kbps) Recording time (64MB) : Maximum 17 Hours at 8Kbps
LCD with EL backlight	Multi-Line Graphic LCD - 128 * 64 dot & 4 Lines display
SMC expandable	32MB ~ 128MB
ID3 TAG	Classic/Pop/Rock/Live/Normal
EQ	English/Spanish/Portuguese/German/French/Korean
Supported Language	- Chinese(simplified) will be supported in near future
PC interface	USB
USB download speed	Minimum upto 3.5Mbps
Battery	AAA size * 1EA
Running time	Upto 9 hours
Size (mm)	52.6 * 56.7 * 17.5
Weight (g)	44 (battery not included)
Frequency Response	20Hz ~ 20KHz
S/N	> 85dB
THD	< 0.1%
Headphone Out	7mW + 7mW

Limited Warranty

1. This product is manufactured under strict quality system.
2. We guarantee the product against defects in material and workmanship within 1 year from the date of purchase.
3. This guarantee does not cover any incompatibilities, user needs to pay for repair charge within guarantee period or after guarantee period.
4. Please present this warranty to service center when repairing needed.
5. Please keep the guarantee in safe place, this card will not be re-issued.
6. Repair with charge as below
 - 1) If you have some functional problem after guarantee period
 - 2) Abuse or misuse, including but not solely limited to the failure to use this product for its normal purposed or in accordance with our instruction usages and maintenance.
 - 3) The product has been used in conjunction with accessories not approved by us for use with this products.
 - 4) Repairs non-authorized service centers such as opening of the products by a non-authorized person.
 - 5) Accidents, Act of God or any cause beyond the control of us caused by lighting, water fire, public disturbances and improper ventilation.

FCC NOTICE

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES.
OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS:
(1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND
(2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED,
INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRABLE OPERATION.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communication. 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 difference from that to which the receiver is connected.
- Consult the dealer of an experienced radio/TV technician for help.

NOTE : The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

MultiChannelLabs Co.,Ltd