USER MANUAL

Mp3 Digital Player

FM-6602

FOXDA

Content

Thanks for choosing FOXDA' s MP3 player, please read through this user manual before using our MP3 player ,so you can enjoy this quality product and aware of some precaution. We wish our product could satisfy you. We appreciate any suggestion on our product.

Warning 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 interfertence,and(2)this device must accept any interfertence received,including interference that may cause undesired operation.

OVERVIEW

MP3 player with removable USB flash disk function, fashionable design, easy operation.
Excellent for enjoying Mp3 music and voice recording, with segment repeat capability.
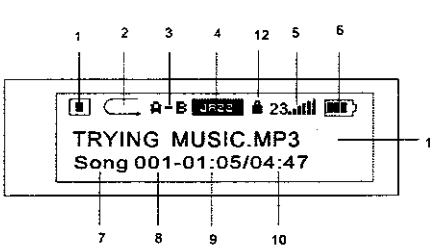
Player overview

1. EARPHONE SOCKET
2. HANGING STRAP
3. BATTERY LID
4. INTERNAL MIC
5. VOL+
6. A-B/EQ
7. LCD PANEL
8. VOL-
9. PLAY
10. MENU
11. STOP
12. FF
13. RW
14. USB port

Note : Press Buttons 6 &10 together to serve as " Hold " key.

LCD overview

1. Playing state
2. Playing mode
3. Repeat A-B display
4. Equalizer Mode
5. Volume
6. Battery power level
7. Function
8. Song Number
9. Current Music playing time
10. Total playing time
11. Song' s informations
12. Holding state

TRYING MUSIC.MP3
Song 001-01:05/04:47

Earphone overview

1. Ear phone
2. USB cable

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Accessories

1. USB cable
2. Ear phone
3. User Manual
4. CD-ROM
5. Hanging Strap

Features

- Play back Mp3/ WMA multi-format files.
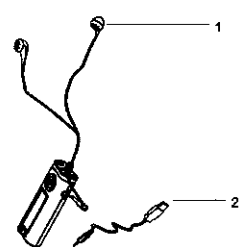- Six equalize modes :Normal, Class, Jazz, Pop, Rock, DBB.
- LCD display with blue light background.
- A-B segment repeat function.
- 10 hours recording time (for 128Mmemory model).
- Connect to computer using USB cable at 12MB full speed.
- Low power consumption, 12hrs play back time with a single AAA alkaline battery .
- No driver required for windows me/2000/xp(except windows 98)
- Compact and light weight ,stylish design.
- Support multi- languages.

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TECHNICAL SPECIFICATIONS

SIZE (L x W x H)	86x31x18.2mm
WEIGHT	29 g
POWER	AAA BATTERY x 1
DECODE	ISO11172-3(MPEG1.0 Layer 3), ADPCM
BIT RATE	64Kdps-320Kdps
SAMPLING FREQUENCY	8KHz-48KHz
FREQUENCY RANGE	20Hz-20KHz
DISTORTION	0.1%(at 1KHz)
SNR	>80db with 20KHz LPF
MP3 sound track separation	>80db
MP3 dynamic range	>93db
RECORDER LENGTH	16bit
USB TRANSFER SPEED	12Mbps
DATA READ/WRITE SPEED	4Mbps
POWER OUTPUT	>5mW per channel

Operational Notes

- If the Mp3 player will not be used for a prolonged period of time, please remove the battery to avoid possible damage caused by chemical leakage.
- The Mp3 player should be kept in areas free from extreme temperature changes, moisture and dust.
- Set the HOLD switch to release position before operation.
- Do not drop the player, which may cause battery fall off or damage its surface.
- Battery life may vary with different usage condition, manufacturer and manufacture date.
- Please change the battery under following conditions :
  1. When the Mp3 player displays a "Low Battery" warning and then shut down itself.
  2. All buttons give no response and are not working even after the battery is taken out and reinstalled.
- To avoid static electricity damage, avoid operating the Mp3 player in extremely dry environment whenever possible.
- If the player stops running under proper operation, please reset it by taking out battery.
- Do not use a Mp3 player when riding bicycle or driving .

OPERATION NOTES

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Install battery

Open the battery compartment, insert an AAA size battery with the polarity as indicated.

Change battery

When battery is exhausted, machine display as illustrated, you must replace the Battery. It is recommended that you should turn off the machine before changing new battery .

Turning the power on/off

Press the PLAY/STOP button to turn on the Mp3 player. The LCD will show the "WeWa" logo. The backlight will glow for a few second, depending on user setting.

Pressing PLAY/STOP button continuously until "Power OFF" appears on LCD screen and blank out. Then the player is off. It' s safe to replace battery only when the Mp3 player is off.

The player can auto turn off if no operation for a certain period, depending on user setting. You can also disable this auto-off function if desired.   (Reference page: 20)

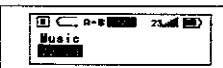| FOXDA	power off

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Function & Setting

Music Playing, Voice Recording & Playback, Radio Function

Press "menu" to select music mode, press "menu" to confirm playing music (player will resume music playing mode if no button pressed after 5 second), LCD will display music mode as :
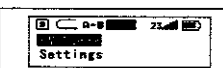
MUSIC mode

Press "menu" button into music mode, press "+" button to scroll voice mode and press "menu" button to confirm choice. Use same sequence to go back from "voice mode " to "musicmode" . LCD display voice mode as:

VOICE mode

Press "menu" button into music mode, press "+" button two times to go to FM Tuner mode. Press "menu" to confirm. LCD display for FM Tuner mode as :

FM Tuner mode

Press menu button into music mode , press "+" "-" button to loop between Music, Voice, FM radio,Settings, Erase files, About and Exit modes. Press "menu" button to confirm.
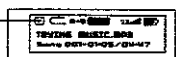
Music playing functions

When first enter music mode, the player will be in stop state.

■ **Play / Pause / Stop / FF / RW**

Press Play/Stop ▶\■ button once to start playing the MP3/WMA file, LCD display as:

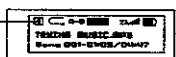Under playing music mode, LCD displays will appear as shown

When playing a Mp3, press Play /Stop button ▶\■ again will enter pause state, press the button again will resume playing,. LCD display as:

LCD displays pause mode when music is pause playing
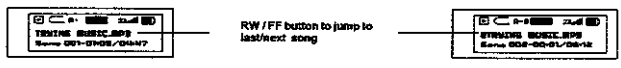
From playing or pause state, press and hold the Play/Stop ▶\■ button for 1-2 second will go back to stop state, LCD display as :

LCD displays stop mode when music is stopped playing

Note : To turn off the Mp3 player, it must first go into stop state, then press play/stop button again for 1-2 second.
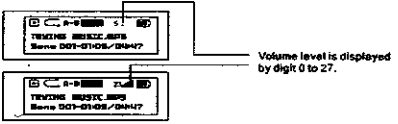
Press FF ▶▶I button to skip to next song. **Press RW** I◀◀ button to go back to last song.

RW / FF button to jump to last/next song

■ **VOL+/VOL-**

By pressing VOL+/VOL- button ,you can control the volume under PLAY or PAUSE states. The volume level (see illustration)can be adjusted at 28 steps by pressing the VOL+/VOL- button repeatedly.

Volume level is displayed by digit 0 to 27.

■ **Segment Repeat (A-B) function**

When playing music/voice, press A-B/EQ button to select the start point of segment, then press A-B/EQ button again to select the end point. The player will repeating the selected segment endlessly until the A-B/EQ button is pressed again to cancel it. LCD display as:

Segment Repeat A-B display

Remark : The function will not work when in stop state. Keep pressing A-B/EQ button for 1-2 second for EQ setting. (Ref page: 19)

OPERATION NOTES　12

■ Equalizer(EQ) setting

When playing music, keep pressing the A-B/EQ button for 1-2 second to toggle the 6 modes of equalizer settings: Normal,DBB,Jazz,Rock,Classical and Pop. The LCD display is as below :
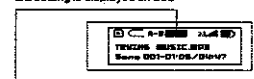
Normal
DBB
Rock
Jazz
Class
Pop

EQ setting is displayed on LCD

TRYING MUSIC.MP3
Song 001-01:05/04:47
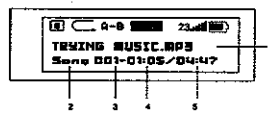
Ref.page19 description of another set method

Press and hold this button for 1-2 second to toggle EQ modes.
Press this button momentarily to use segment repeat(A-B) mode.

■ Music / voice information display:

In play/stop state, the LCD will display the song name in rolling characters :

TRYING MUSIC.MP3
Song 001-01:05/04:47

1. Song name information.
2. Music/ Voice
3. Song/ music number
4. Playing time
5. Toatl playing time

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Advanced Function

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Advanced function

Following are more advanced functions of our MP3 player ,you can press "menu" button to call up these modes.

Music

Voice

FM tuner

Settings

Erase Files

About

Exit

press "+" "-" button
to cycle between these
functions , LCD display as:

Voice

■ Menu function

Press MENU button to call up advanced function menu. Press "+" , "-" to scroll through the 6 functions. Press "menu" button again to confirm choice and enter its sub-menu, if any.

Note: If no button is pressed for 5 seconds, machine will return to previous setting mode.

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■ Music Function:

This is the default mode when machine is used the first time.
Function description: playing/stopping/FF/RW/V+,-/EQ setting/A-B repeat (Ref. Page10)

■ Voice Function:

Under music mode, press "Menu" button and then "+" button to scroll to voice mode ,press "Menu" button to confirm (Ref. Page 9) .Under voice mode, you can select the playing /recording/A-B segment repeat /RW/FF/ V+,-/EQ setting (Ref. Page 20)

1.Playing /RW/FF/ V+,- (Ref. Page 10)

2.Recording: Under voice mode, LCD display as

1

2

3   4   5   6

1.Stop State
2.Name and track of voice
3.Voice mode
4.Number of voice files
5.Playing time
6.Length of current voice file

16

Start Recording

Under Voice Function, press "A-B/EQ" button to start recording (using internal Microphone), LCD display as:

1 ———
2 ———

1.Voice recording function display
2.Name and track of recorded file
3.REC icon to indicate recording
4.Time of current recorded file
5.Maximum recording time allowed

3　4　5

Stop Recording

Press "A-B/EQ" button again to stop recording, LCD display as (Ref. Page 15)

Play back recorded voice file

It is same operations as music play back (Ref. Page 10),LCD display (Ref. Page 15)

NOTE	A-B Segment Repeat function only work under playing/pausing state, it is not active under recording/stopping state. To change EQ setting und er playing/pausing/stopping state, keep pressing A-B/EQ button for 1-2 second, it is not active under recording state .

Name your recorded files

When there are many recorded voice files, user is advised to assign meaningful file name to each file, for easy management (Ref. Page 27)

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FM tuner function

■　Press "menu" button and then "+, -" to scroll to FM tuner, press "menu" to confirm.

(Adjust the position of earphone cable may give better radio reception)

FM tuner

■　VOL+/VOL

Use the VOL+/VOL-button to adjust the volume level between 0 to 27. (see illustration)
Pressing VOL+/VOL-button will increase/decrease volume respectively.

87.6　MHz
FM　Mono(Stereo)　P01

The digit between 0 to 27 indicates volume level.

87.5　MHz
FM　Mono(Stereo)　P01

■　FM radio fine tune　　Press " ▶▶I " or " I◀◀ " to fine tune the frequency.

Press "A-B/EQ" button for 1-2 second to memorize the frequency setting to current channel.

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■ Auto search

Press ►\■ button to search for all available radio stations automatically, and memorize the frequency of each station in consecutive channel numbers.
(Note : keep pressing ►\■ button for 2-3 seconds would turn off the player.)

■ Loop through the memorized radio channel for selection

Press "A-B/EQ" and "MENU" buttons to loop through the memorized radio channels and choosing the desired one .

■ Exit FM tuner

Press MENU button for 1-2 seconds will return player to previous state.

■ Settings

Press "Menu" button and then "+" and "-" to scoll to "Setting" item, press "Menu" button again to confirm. The LCD display is as follow :

EQ
PlayMode
Contrast
PowerSaving
Backlight
Language
Exit

NOTE: You can call up setting menu when in playing or stop states , but not in recording state. If no button is pressed after 5 second, machine automatically return to music/voice playing mode (previous state).

1. EQ Ref.page12 for another method to change EQ setting.

Six EQ mode included: Normal, DBB, Rock, Jazz, Classical, Pop, press "+,-" button to scroll through selection, and press "menu" to confirm.

Normal
DBB
Rock
Jazz
Classical
Pop

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2. PlayMode

Five playing modes included: Normal, Repeat single song, Repeat all, Shuffle play and Shuffle repeat. Press "+,-" button to scroll through choices, press "menu" to confirm.
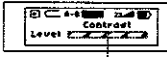
Normal
Repeat Track
Repeat All
Shuffle
Shuffle Repeat

3. Contrast

User can adjust LCD contrast as desired, LCD display as :

Press "+/-"button to adjust contrast of LCD panel, and press "Menu" button to confirm.

3. Power Saving

Under voice and music mode, player can turn off itself automatically after left idle in stop state for a user selected duration. User "+" and "-" buttons to scroll through the choices of 1 min,2 mins,5 mins,10mins, and Disable, press "menu" button to confirm, LCD display as :

Disable
1Min
2Mins
5Mins
10Mins

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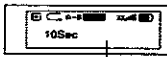
4. BackLight

Three backlight modes included: Disable,3sec and 10sec. The player will turn on the backlight for the specified duration whenever any button is passed, for using the player at night. Press "+" and "-" buttons to change setting, and "Menu" button to confirm, LCD display as following :

Disables
3Sec
10Sec

5. Language

Press "+" and "-" buttons to scroll between English , Traditional Chinese and Simplified Chinese, press "Menu" button to confirm. LCD display as :

Simplified Chinese
Traditional Chinese
ENGLISH

6. Exit

When LCD display "Exit" ,press "Menu" to confirm, and return to setting mode, LCD display as (Ref. Page 19)

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■ Earas Files

Press "+" to select "Delete" mode,LCD will display choices of music or voice files, press "+" and "-" buttons to scroll between selections, press "Menu" button to confirm, LCD display as :

Music

Voice

Exit

Delete Music

File name

Delete music file: press "+,-" button to select "yes" or "no", and press "menu" to confirm, LCD display as

TRYING MUSIC.MP3
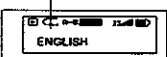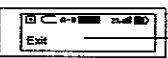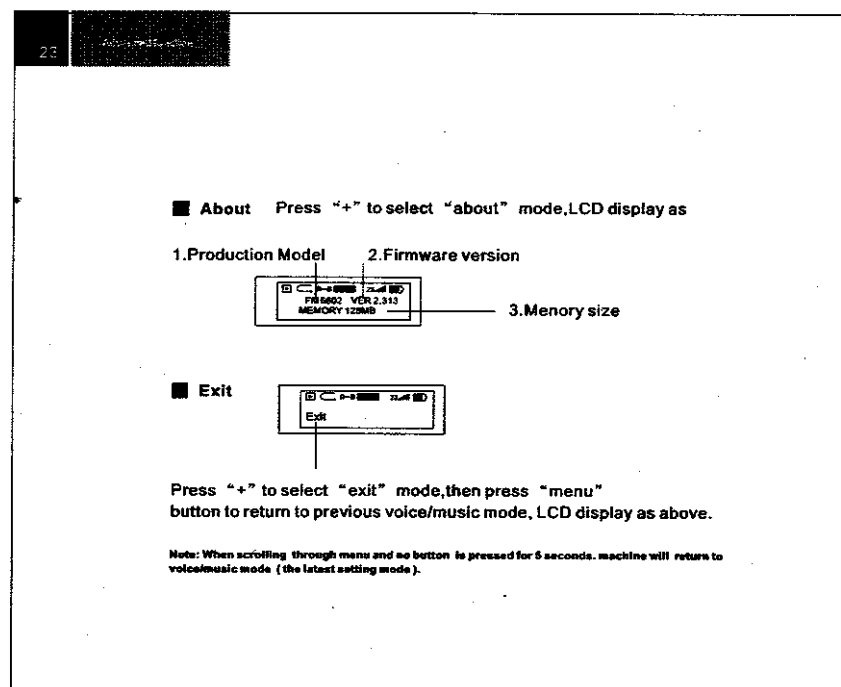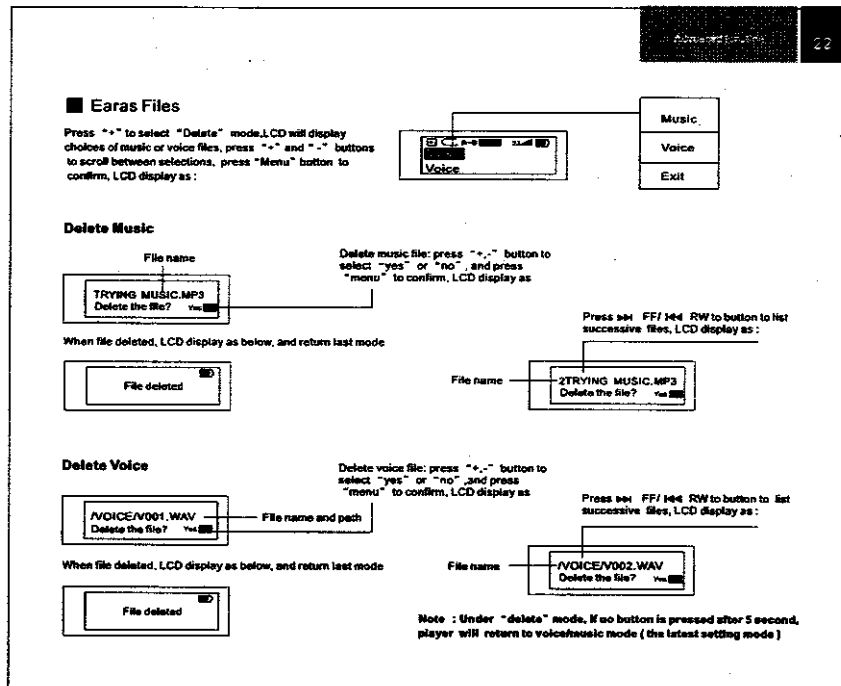Delete the file?   Yes

Press ►► FF/ ◄◄ RW to button to list successive files, LCD display as :

When file deleted, LCD display as below, and return last mode

File deleted

File name — 2TRYING MUSIC.MP3
Delete the file?   Yes

Delete Voice

/VOICE/V001.WAV — File name and path
Delete the file?   Yes

Delete voice file: press "+,-" button to select "yes" or "no" ,and press "menu" to confirm, LCD display as

Press ►► FF/ ◄◄ RW to button to list successive files, LCD display as :

When file deleted, LCD display as below, and return last mode

File deleted

File name — /VOICE/V002.WAV
Delete the file?   Yes

Note : Under "delete" mode, if no button is pressed after 5 second, player will return to voice/music mode (the latest setting mode)

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■ About   Press "+" to select "about" mode,LCD display as

1.Production Model   2.Firmware version

FD6602   VER 2.313
MEMORY 128MB   — 3.Memory size

■ Exit

Exit

Press "+" to select "exit" mode,then press "menu" button to return to previous voice/music mode, LCD display as above.

Note: When scrolling through menu and no button is pressed for 5 seconds, machine will return to voice/music mode (the latest setting mode).

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COMMUNICATION WITH COMPUTER

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25　COMMUNICATION WITH COMPUTER

■　System Requirements

1　Operating systems: Microsoft Windows 98, Windows Me,
　　Windows 2000, Windows XP.
2.　CPU: Intel Pentium 3,Pentium 4 CPU or above
3.　Memory: 64 MB or move
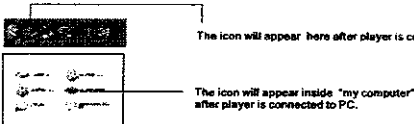4.　Harddisk: minimum 200MB free space
5.　Interface: full speed USB
6.　CD-ROM

■　Connection with computer

Connect the player to computer using the USB cable provided.
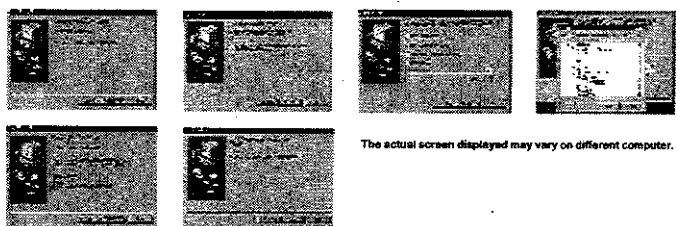
COMMUNICATION WITH COMPUTER   26

■ Installation of communication software

No additional driver software is required for Windows 2000/Me/XP, after connecting the
player to computer via USB, it will be recognized automatically as a "Removable drive".
For Windows98, please install the driver software from CD-ROM provided.

The icon will appear here after player is connected to PC.

The icon will appear inside "my computer"
after player is connected to PC.

Windows 98 CD-ROM Installation
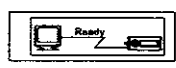Put bundled CD-ROM into computer, and follow the instruction to finish the installation.

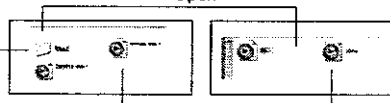The actual screen displayed may vary on different computer.

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27   COMMUNICATION WITH COMPUTER

■ Save and rename downloaded music and voice files

After successful connected the player to the
computer, it will appear as a "Removed disk".
Double-click on this disk, it will be displayed as :
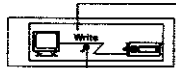
Ready

Open

Folder
containing
voice files

Music file   Voice file

**Note : This removable drive will function exactly the same as a normal USB flash disk,
you can select/ copy/rename/download/delete any files as desired.**

LCD display when the computer is writing data to the player.

Write

Moving graphics indicates that PC is now writing or deleting data.

■ Disconnecting Mp3 player from computer

When the player is connected to PC, the "Play/Stop" button will not function. Firstly, on the computer, right-click the arrow icon on Windows' system tray, bring up dialogue box which shows the Mp3 player as a removable disk, click "Stop" button to disable it.

Warning: DO NOT unplug the Mp3 player from the computer' s USB port until Windows prompt that it is safe to do so, otherwise data loss or even physical damage to the player may occur. The user will be responsible for such damage due to this incorrect usage of the player.

■ Formating

From Windows, open "My Computer" , right-click the removable drive corresponding to the Mp3 player to bring up a menu, select "Format" . Choose "FAT " file system to format the device. If you mistakenly selected "FAT32" or "NTFS" file system, please redo the format operation again using "FAT" .

General question & answer

1. How to turn on the Mp3 player?   Ref page 8
2. What is meaning of each icon on LCD' s display ?   Ref page 3
3. How to return to initial music playing mode?   Ref page 9
4. How to voice recording and A-B segment repeat?   Ref page 16
5. How to download and delete songs in computer?   Ref page 27

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MENU
Press " + " and " - " buttons to scroll

```
MUSIC    VOICE    FM Tuner    Settings    Erase Files    About    Exit
```

Settings:
- EQ
  - Normal
  - DBB
  - Rock
  - Jazz
  - Classical
  - Pop
- Play Mode
  - Normal
  - Repeat Track
  - Repeat All
  - Shuffle
  - Shuffle Repeat
- Contrast
- PowerSaving
  - Disable
  - 1 Min
  - 2 Mins
  - 5 Mins
  - 10Mins
- BackLight
  - Disables
  - 3Sec
  - 10Sec
- Language
  - Simplified CHINESE
  - Traditional CHINESE
  - ENGLISH
- Exit

Erase Files:
- Music
- Voice
- Exit

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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.

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 technician for help.

NOTE: 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.