

X - MICRO

X-VDO MP4 F610

User's Manual

V1.0

INFORMATION TO USER

Product Name: X-Micro X-VDO MP4 F610

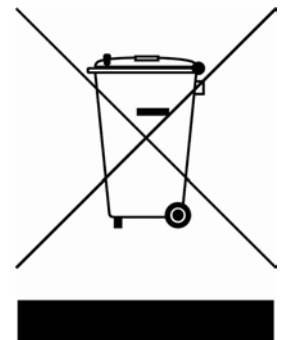
Model Name: XMP3Y-F512, XMP3Y-1G, XMP3Y-2G



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 accpt any interference received, including interference that may cause undesired operation. Conforms to the following EMC Product Testing Specifications FCC part 15.109, Class B-Residential Emissions at 3 meters. Testing was performed in a FCC Listed 3 meter semi-anechoic chamber. FCC Part 15.107, Class B-Residential Emissions at shield Room. Testing was performed in a FCC Listed shield Room.



The referred test report(s) show that the product complies with standard(s) recognized as giving presumption of compliance with the essential requirement in the above listed EU Directive(s). Other relevant Directives have to be observed.



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1. Introduction

This device incorporates a portable **WMA/MP3** Player, Video player, FM Radio, Photo Viewer, Voice Recorder and USB 2.0 Mass Storage Device; it will bring you pleasure and enjoyment in this digital era.

1.1 MP3 Player Features:

- WMA/MP3 player
- MTV Player
- Photo viewer
- Synchronous lyric display with WMA/MP3 music
- Voice recorder
- FM Radio with 20 presets
- FM Recording
- USB mass storage device
- Integrated USB connector
- Backlit display
- Superb audio quality

1.2 System support:

- Supports Windows 98Se/Me/2000/XP
*Note for Windows 2000 users: **Windows Service Pack 3** must be installed before installing MP3 Player drivers*
- Supports Windows 98 SE after installation of drivers (see below)
- Supports Mac OS X (version 10.2.6 or above) without driver

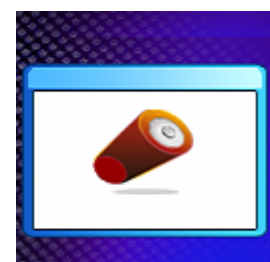
Note: To minimize damage from static electricity, avoid operating the player in an extremely dry household environment. The product may malfunction and require user to reset the product.

1.3 Battery management

Battery: Built-in Rechargeable Li-ion battery

Charge: Connect the MP3 Player to the computer. Press and hold "Power on/off" button for few seconds until a battery icon appear on the top of the MP3 Player's screen. The battery is charging. When the battery icon stays fully indicating that means the battery is fully charged.

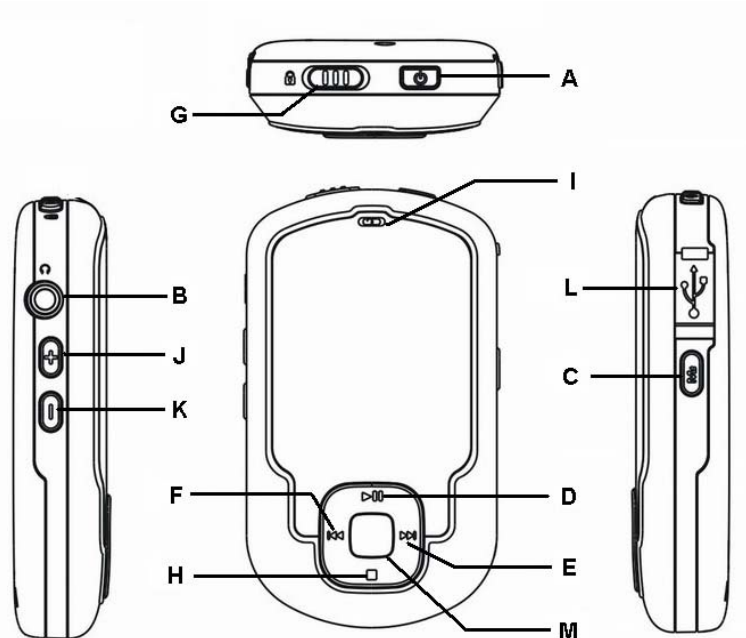
Note: Please recharge the battery when the screen displays picture as follow.



2. Function Keys and Display Icons annotations

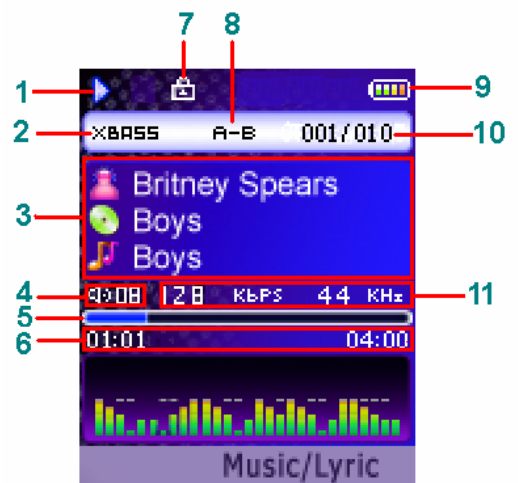
2.1 Function Keys:

- A. Power On / Off
- B. Earphone jack
- C. Menu button
- D. Play / Pause /Up
- E. Skip Next / Fast forward
- F. Skip Previous / Fast Rewind
- G. Hold Switch
- H. Stop / Down
- I. Microphone
- J. Volume up
- K. Volume down
- L. USB Port cover
- M. Enter / A-B



2.2 Display Icons:

- 1. Play / Pause
- 2. Equalizer
- 3. ID3 Tag
- 4. Volume level
- 5. Process bar
- 6. Elapsed Time/ Track Time
- 7. Hold
- 8. A-B repeat / Repeat Mode
- 9. Battery Indicator
- 10. Current track number / Total track number
- 11. Music information



3. Specifications

Product name	X-MICRO X-VDO MP4 F610
Model name	XMP3Y-F512, XMP3Y-F1G, XMP3Y-F2G
Capacity	512MB/1GB/2GB
Music support	MP3/WMA
Equalizer	Normal, XBass, Rock, Jazz, Classical, Pop
Display	128 x 128 Dot-Matrix 262K OLED display
Bus interface	USB 2.0 High Speed
FM Tuner (Option)	87.5 ~ 108 MHz ; 20 presets
Signal to Noise Ratio	> 90dB
Frequency Response	20 Hz ~ 20 kHz
Format type	FAT/FAT16
Power Supply	Built-in high capacity rechargeable Li-ion battery
Dimension	44 x 76 x 16.5 mm
OS support	Windows 98SE/ME/2000/XP

4. Installing the MP3 Player

4.1 Windows ME/2000/XP

Installation of drivers for computers using Windows ME/2000/XP is not necessary. For Windows 2000 users: Windows Service Pack 3 must be installed before installing MP3 Player drivers.

4.2 Windows 98 SE

Windows 98 SE users will need to install the USB driver for PC to recognize the MP3 Player on system.

Step of Installation:

1. Insert the bundle CD into the CD-ROM of PC.
2. The install selection will appear automatically.
3. Click on the "**Windows 98 Driver**" to begin the installation.
4. Follow the on-screen instructions to complete the installation.



5. Transfer data to and from the MP3 Player

1. Make sure that the MP3 Player is turned off.
2. Remove the USB port cover of the player. Disconnect the earphone.
3. Plug the MP3 Player into the USB port of your computer. The built-in screen displays "USB Connected", indicating that the player is in USB mode. The player is then automatically recognized (in 'My Computer') as removable media devices.
4. Transfer files to or from the internal Flash RAM using Windows explorer

- Right click on the start button
- Choose Explore to open Windows Explore on PC
- Select the data file to save, drag and drop it into the player

5. Unplug the MP3 Player from your computer, **WMA/MP3** files can now be listened to and all data stored can be transferred to another computer



Note: Other types of data such as Word, Excel, PowerPoint, JPEG, etc. can be stored and transferred

6. Turning the player on / off

To turn the player on, press the power button.

To turn the player off, press and hold the power button for about 5 seconds.

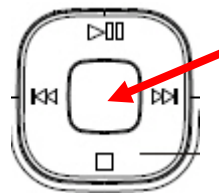
7. Listen to WMA/MP3 music files with the MP3 Player

1. Follow the instructions for the transfer of data to and from the MP3 Player to copy WMA/MP3 music files to the MP3 Player.
2. Connect the supplied headphones to the earphone jack.
3. Press the Power button to turn on the player.
4. Press the Play button to play the music.
5. Use the MP3 Player controls to adjust playback and volume level to listen to your WMA/MP3 music.



7.1 A-B Repeat function

If you want to listen to one section of the music repeatedly, you may use this A-B repeat function.



In the mode of playing music, press the A-B button to set up the starting point (A point) of the music, press the A-B button again to set up the ending point (B point) of the music. And then the A-B section will be played repeatedly on the player.



You may press and hold the A -B button again to cancel this A-B repeat function.

Note: The interval between A point and B point must be more than 3 seconds.

7.2 Lyric display function

The MP3 Player supports lyric files in LRC format.

1. Prepare a MP3 or WMA music, for example, happymusic.mp3;
2. Download a lyric file from internet. The lyric file must be with an extension file name LRC. For example, happymusic-2004.lrc.
3. Rename the lyric file. For example, happymusic.lrc. It is to make sure the lyric filename is same as the corresponding music filename.
4. Copy the lyric file & music file to the MP3 player.
5. Disconnect the MP3 player.
6. Use Up and Down buttons to select the music file, for example, abc.mp3. Press Play button to play.

7. The lyric displays synchronously on screen while the music is being played.

Note: The MP3 player supports LRC format only.

Note: If the lyric does not synchronize with the music, please download one better lyric file from Internet and try again.

Note: Make sure the MP3 music and LRC file is located in same directory and the filename is same. If not, the MP3 player cannot recognize the lyric file.

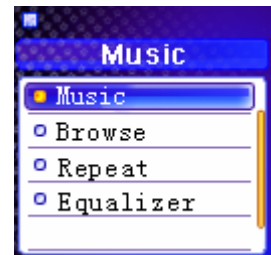
8. Playing your music

In the main menu select music and press Enter button to enter the submenu, you can use the Up and Down buttons to select one option and press Enter button to enter the submenu or confirm your selection. Use the Menu button to go back to previous menu.



Music

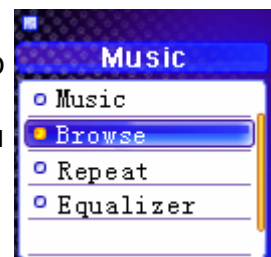
Select Music in the submenu of the Music and press the Enter button to play the music.



Browse

You can find and play the music quickly by using this browse function. Use Menu button to enter main Menu.

1. Select Music and press Enter button to enter submenu
2. Select Browse and press Enter button to enter the browse mode.
3. Press Up and Down buttons to select a file or folder and use Skip Next button to play the music or enter the folder.
4. Select the Back icon at first row in Browse menu and press Menu button to backward to upper level.



Note: When a folder is selected in browse mode, presses on Enter button, sub-menu windows will pop-up. To enter the folder, select Enter. To play music located in the folder, select Play.

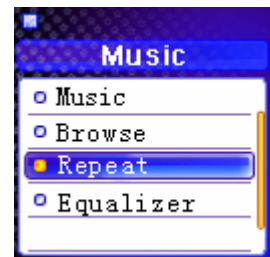
When a file is selected in browse mode, presses on Enter button, sub-menu windows will pop-up. To play this file, select Play. To erase, select Delete.

Repeat settings

The available repeat modes are:

- Normal
- Repeat One
- Repeat All
- Random
- Random All

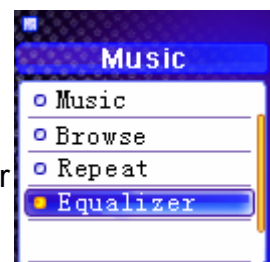
1. Select the Repeat in the submenu of the music and press Enter button to enter.
2. Select one option and press Enter button to apply.



Equalizer settings

The equalizer setting is to adjust the music playback effect. There are 6 equalizer presets available: Normal, XBass, Rock, Jazz, Classical, POP

1. Select the Equalizer in the submenu of the music and press Enter button to enter.
2. Select one option and press Enter button to apply.



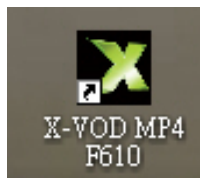
9. Video

The MP3 Player allows you to play the video files. You can convert the WMV, MPEG video file to the SMV video file by the software within the bundle CD.

- **Note: Only SMV files can be played on this MP3 player.**
- **Note: Make sure Microsoft DirectX 9.0 or above version have been installed on your computer, otherwise an error message will appear while converting or the converted files may be not played correctly on your player.**
 1. Insert the CD into the CD-ROM.
 2. The install selection will appear automatically.
 3. Click "Install Utility" button to begin the installation.
 4. Follow the on-screen instructions to complete the installation.



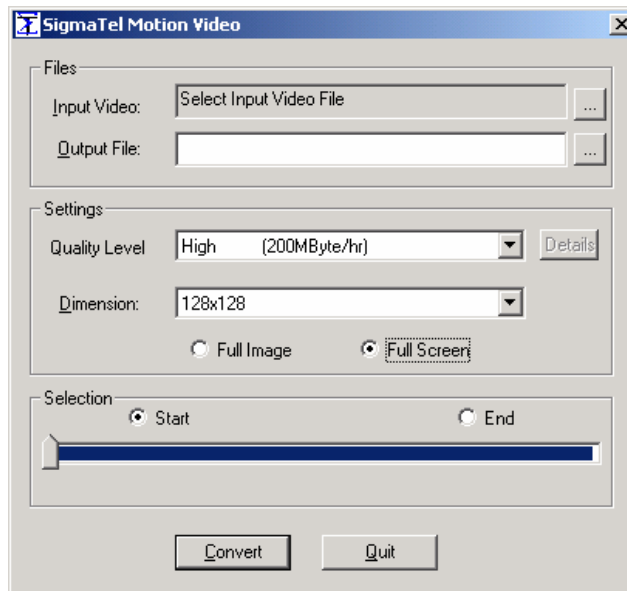
5. Click X-VDO MP4 F610 icon upon desktop.



6. Setup the value for the video quality .To acquires golden quality of motion, it is strongly recommended to configure the settings as following:

In the Quality Level window, select **High**.

In the Dimension window, select **128x128** and **Full Screen**.



7. Click **Convert** button.

8. Wait for a moment, after converting, copy the SMV file to the MP3 Player.

9. Press the Menu button.

10. Select **Video** and press Enter button to enter the list of video files.

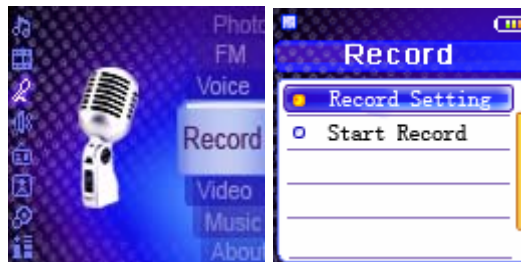
11. Select one file and presses Enter Button, a submenu window will pop up .To play this file, select Play. To erase, select Delete.

12. Press Enter button to confirm your selection.

10. Voice Recorder

10.1 Record Setting

1. Select Record in the main menu list and press Enter button to enter Record menu, select Record Settings and press Enter button to enter the submenu.
2. Press the Up and Down buttons to choose one record setting: Source, Format, or Sampling rate.
3. Press the Enter button to enter the submenu and choose one option as your current settings.
4. Press the Enter button to apply.
5. Press the Menu button to go back to the previous menu.



A high record sampling frequency brings an increase in sound quality but also a corresponding increase in memory usage.

10.2 Start Record

After the record settings have been finished, you can start record.

1. Select Start Record and press Enter button to begin recording.
2. Press the Stop/Menu button to stop the recording.

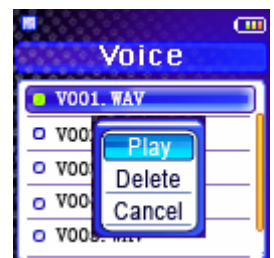


The voice recording will be saved as a file named Vxxx.WAV (For example V001.WAV) in the Voice folder.

Note that the screen will show a disk icon as above picture when all available memory has been used.

10.3 Playback of record

This operation is similar to the playback of music.



1. Select Voice in the Main Menu to enter Voice mode.
2. Select a recording to listen to by pressing the Up and down buttons.
3. Press the Enter button and a message will pop up, select play to playback the recording, select Delete to erase the file, and select Cancel to exit.

11. FM Tuner

The MP3 Player allows you to listen to FM radio with the built-in digital FM tuner.

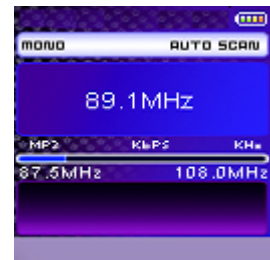
11.1 Start the FM Tuner

To switch to FM radio mode, please select FM from the Menu list and press the Enter button.



Note: When using the MP3 Player Tuner at the first time, the MP3 Player will automatically start to seek all available FM radio stations and save them into preset list. Please wait until the scan icon disappears from the display.

To exit FM radio mode, press and hold the Menu button for about 2 seconds.



11.2 Exit to Main Menu from FM mode

Press and hold the Menu button for a while and release it. The MP3 Player will exit FM tuner mode.

11.3 Listen to FM radio

After the FM tuner finishes the automatic seeking, the MP3 Player tuner will stop at the first FM station of preset 01 (P01).

To listen to another FM radio station this was seeked and saved automatically by the MP3 Player, press the Play or Stop button repeatedly. Every press on the buttons will cause the MP3 Player to change to another FM radio in the preset list.

11.4 Using the FM Settings menu

The FM Settings menu offers several convenient functions.

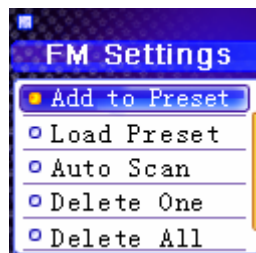
1. In FM Radio mode, press the Menu button to enter the FM Settings menu.
2. Press the Up and Down buttons to select one menu item.
3. Press the enter button to apply.
4. To exit the FM Settings menu, select Return and press Enter button to return to the FM mode , select Exit and press Enter button to go back to the music mode.

11.5 Add to Preset

The MP3 Player tuner allows user to save a FM radio station to preset. After you have tuned to an FM radio station,

1. Select "Add to Preset" in the FM Settings menu and press the Enter button.
2. Press the Up and down buttons to decide a preset will be used for current FM radio.
3. Press the Enter button to save.

Note: The unit can save 20 preset stations.



11.6 Load Preset

To select a FM radio station from the preset list to listen,

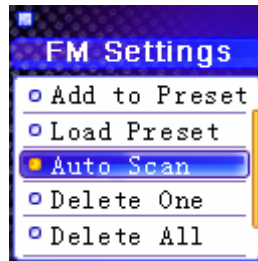
1. Select "Load Preset" in the FM Settings menu and press the Enter button.
2. Press the Up and down buttons to select one FM radio station in the preset list.
3. Press the enter button to listen.



11.7 Auto Scan

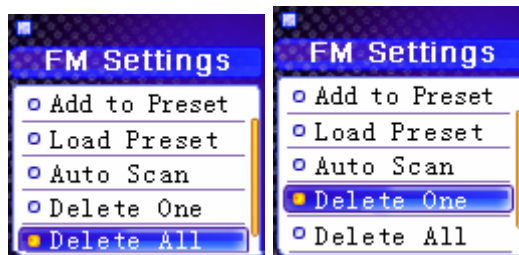
To re-scan all FM radio stations and save them to the preset list automatically,

1. Select "Auto Scan" in the FM Settings menu and press the Enter button.
2. The MP3 Player tuner starts to seek and save the FM stations automatically. Please wait a moment.



11.8 How to delete an FM radio station in the preset list?

1. In the FM Radio mode, press the Menu button to enter the FM Settings menu
2. Press the Up and Down buttons to select Delete One and press the Enter button to enter the preset list
3. Press the Up and Down buttons to select a FM radio station and press the Enter button to confirm
4. Press the Up and Down buttons to select Delete All and press the Enter button to enter the preset list
5. Press the Enter button again, use Skip buttons to select Yes or No, and press the Enter button to confirm



11.9 FM Channel

1. In FM Radio mode, press the Menu button to enter the FM Settings menu
2. Press the Up and Down buttons to select FM Channel and press the Enter button to switch the channel between Mono and Stereo.



11.10 How to tune to one FM radio station manually?

In FM Tuner, press and hold the Skip buttons.

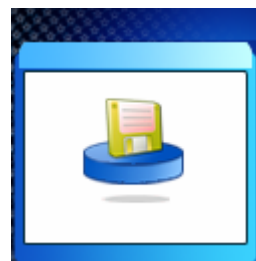
The player searches for the nearest station. When it finds one, it stops and plays the station.

To tune manually, press the Skip buttons. Each time the Skip buttons is pressed; the player changes the frequency by 0.1MHz.

11.11 FM Recorder

FM Radio Recording

1. When listening to a FM radio, press the Enter button.
2. The MP3 Player starts to record the FM radio.
3. Press the Stop or Menu button to stop the recording and continue to listen the FM radio.



The FM recording will have been saved as a file named Fxxx.WAV in the FM folder. The screen will show a disk icon as above picture when all available memory has been used.

Playback of FM Radio record

This operation is similar to the playback of music.

1. Select Music in the screen menu to enter Music mode.
2. Select Browse and press Enter button to enter the list of files and folders.
3. Use the Up and Down buttons to find the desired Fxxx.WAV file in FM folder.

4. Press the Skip Next button to playback the recording.

12. Photo

For browse the pictures. Press menu button and select Photo in the main menu list. There are 3 various ways to view the photos: Manual, Slide Show and Thumbnail. You may zoom in or zoom out with the Volume buttons.

Note: Support picture with JPEG format.



13. Advanced Settings

To navigate the Settings menu:

1. Select Settings in main menu, press Enter button to enter the settings menu.
2. Press Up and Down buttons to choose a setting.
3. Press the Enter button to enter the submenu of the option you selected.
4. After setting is finished, press Menu button to go back to the previous menu.

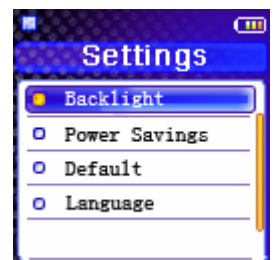


Backlight

To adjust the backlight

1. In the settings menu, select Backlight.
2. Press Up and Down buttons to adjust the delay before the backlight is switched off.

Note: Selecting "Off" will turn off the backlight. Selecting "On" will always turn on the backlight. Battery life is considerable shorter if (On) is selected.



Power Savings

Use the Power Saving function to automatically turn the MP3 Player off after a predetermined length of inactivity when the player is not playing music or recording.

1. In the settings menu, select Power Savings.
2. Press Up and down buttons to select time.



Note: Selecting "Off" will never turn off the MP3 Player automatically.

Default

To reset all settings to factory default setting,

1. In the settings menu, select "Default"
2. Press the Enter button. The default settings are loaded to the MP3 Player.



Language select

The MP3 Player menu can be displayed in multi-language

1. Press the Menu button button to enter the main menu.
2. Press the Up and Down buttons to highlight *Settings* and press the Enter button.
3. In the *Settings* menu press the Up and Down buttons to highlight Language and press the Enter button.
4. In the *Language* menu press the Up and Down buttons to choose the language, which you want to display on the player and press the Enter button.



All menu items will thereafter appear in the chosen language.

About

Information is available regarding the firmware version, built-in memory size and free memory size.

1. Select About in Main Menu list.
2. The firmware version, Internal Media and free memory space info appears.
3. Press Menu button to exit to Main Menu list screen.



14. To Format the MP3 Player

1. Connect the MP3 Player to the computer.
2. Format the MP3 Player (removable disk) using the Windows format tool.

Note: Please select FAT/FAT16 type for the format menu. Otherwise, the MP3 Player cannot work and needs to be formatted again.

15. Hold Function

Use the Hold (LOCK) function to deactivate the MP3 Player controls (to avoid accidental activation).

1. To activate the Hold function, slide the Hold switch to the lock symbol.
2. Slide the Hold switch back to turn off the Hold function.



Note: The MP3 Player will turn off automatically if the key is held when turning on the power.

16. Removing the MP3 Player from your computer

1. Click on the **Safely Remove Hardware** icon  in the taskbar (next to the clock).
2. Click on **safely remove USB Mass Storage Device**.
3. Wait until a *Safe to Remove Hardware* message is displayed.
4. Remove the MP3 Player.

17. DRM (Digital Right Management)

WMA files “can” have DRM protection. In this case the file content is encrypted with a key. For playback and decoding it is necessary to have DRM license files on your computer. DRM license can limit your rights for using these functions. For instance, it can allow only playback and prohibit conversion into other formats. When you download music from the Internet sites that require you to pay per song, these licenses may be included with the download.

How to play WMA and DRM protected files

In order to play these encrypted WMA files in your MP3 player, you will need to use the Windows Media player to copy them to your MP3 player. The traditional “Drag & Drop” method will not work. Here is what you have to do:

- a) Open your WMA file using your Windows Media Player
- b) Click “Copy to CD or Device”
- c) Select the MP3 player as your device.

If you don't have a Windows Media player or if your version of Windows Media Player is outdated, you can download the latest version for free from Microsoft's website:

<http://www.microsoft.com/windows/windowsmedia/download/>

18. Trouble Shooting

Q Cannot playback some tracks on the player

A Make sure the music files are in MP3 or WMA format.

Q The screen displays nothing after turning on the MP3 player.

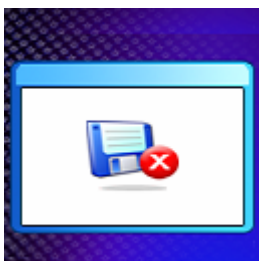
- A
- 1 Check to see if the battery has been inserted;
 - 2 Check to see if the battery needs replacement: Try reinserting the battery correctly or replace it.

Q The player is no response to pressing buttons when playing music.

- A
- 1 Check to see if the hold switch is in hold position , and slide the hold switch back to turn off the hold function.
 - 2 Press the reset hole with a clip or something spiky to reset the player and press the power button to turn on the player.

Q The Screen displays picture as follow and power off.

A



If you format the MP3 player to NTFS format, it will show the picture above and power

off. You must reformat it to FAT or FAT32 format in Windows Explore.

19. Safety

Listening to loud sounds for prolonged periods may permanently damage your hearing. Before putting on the headphones place them around your neck and turn the volume down. Then put the headphones on and slowly increase the volume until you find a comfortable listening level.

X - MICRO
Plug & fly

<http://www.x-micro.com/>