



E-matic

E5 Series User Manual

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1.0 Introduction

1.1 Foreword

Thank you for purchasing this player. Please read this manual carefully before using the product. Specifications and software updates are subject to change without notice. The player pictured in this manual may differ from yours, but the information in this manual will still apply.

Please Watch the How-To Video pre-loaded on your player for more information.

1.2 Package Contents

Your player comes with the following items:

- The player
- A silicone case
- A USB cable
- A cleaning cloth
- One pair of stereo headphones
- An audio/video cable
- This user manual
- A quick-start guide

1.3 Warnings

- Do not use the product in extreme temperatures, or dusty or wet environments.
- Do not leave the product in direct sunlight.
- Only insert or remove microSD/TF cards when the unit is turned off.
- Do not disconnect the player and USB from your computer without first ensuring a “safe removal” as this may damage the player. See pg. 4.
- Do not open or disassemble the player as this will void the warranty.
- Handle the player with care to prevent its physical damage.
- Protect the player from static discharge.

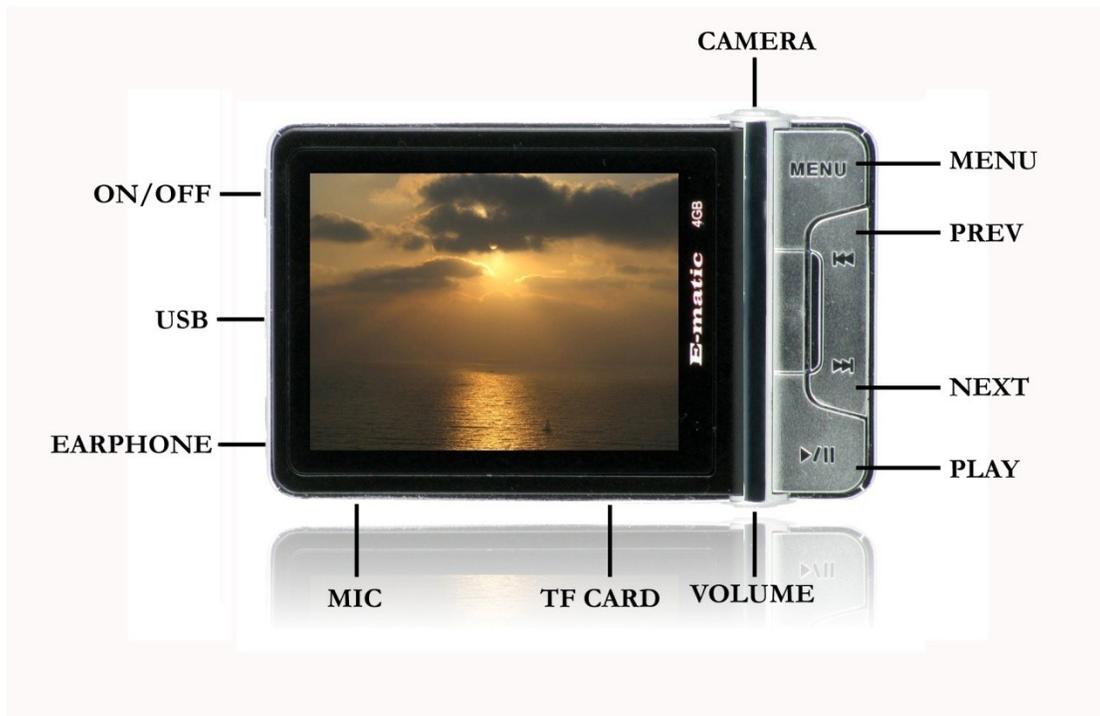
1.4 Computer Requirements

Virtually any computer and operating system that is able to use USB storage devices can be used to copy files to and from the player. These include Windows®, Mac OS X®, and Linux®.

The following, however, is required in order to use the included video conversion software:

- Windows 2000/ME/XP/Vista
- An 800MHz or faster CPU
- USB port
- CD-ROM drive
- At least 50MB free hard disk space

1.5 Layout of the Player



Part I: Computer Operations

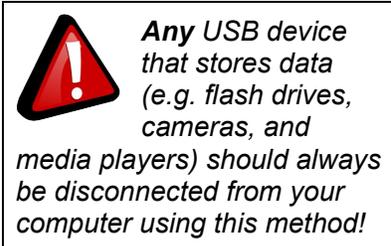
2.0 Connecting and Charging the Player

2.1 Connecting and Disconnecting the Player from Your Computer

Turn on the player and use the included USB cable to **connect** it to your computer. Plug the small end of the USB cable into the player, and the large end of the cable into the computer.

The **first time** you connect the player to your computer, your computer will detect it and automatically install any necessary drivers. When it has finished, the player will appear in Windows under *My Computer* as *Removable Disk* or *USB Disk Device*.

To safely **disconnect** the player from your computer in Windows, click the green arrow in the system tray (the area by the clock on your task bar), which will display a list of attached USB devices. Click the player in the list. Windows will display a message when it is safe to remove the player.



2.2 Charging the Battery

The player has a built-in battery that must be charged before the player can be used.

1. Turn on the player.
2. Connect your player to a turned-on computer via the USB cable. Charging will begin automatically.
3. Let the player charge for **4 hours**.
4. Disconnect the player from the computer using the safe removal method on pg. 4.

3.0 Video Conversion

3.1 Installing Video Conversion Software (Windows)

Before watching videos on your new player, they must be first converted to the format recognized by the player. This conversion can be done with Windows software that came included with your player. Follow these steps to install the software:



This player will only play videos that that are, or have been converted to, a compatible video format.

1. Place the included CD into your computer's disc drive.
2. Click *Start > My Computer*, and then click the drive corresponding to your disc drive.
3. Double-click *Setup.exe* to perform the installation.
4. Complete the installation as directed by the installation wizard. If Windows asks you whether to allow the installation, click *ALLOW*.

3.2 Converting Video (Windows)

To play videos on your player, you must (a) have some videos on your computer, (b) convert them to the format supported by your player if necessary, and then (c) copy the video files to your player.

Note: You cannot convert copy-protected DVDs.

Follow these steps to convert video files:

1. Connect your player to your computer using the USB cable if you wish to save directly to the player.
2. Run the conversion software by clicking *Start > Programs > Multimedia Player Utilities > Video Converter*.
3. Choose a folder in which to save the converted files by clicking the red icon beside the *Output File* field.

You can either save the converted files to your computer and copy them to the player later, or save them directly to the player itself. To save the converted files directly to the player, save to the player's *VIDEO* folder.

4. Build a list of videos to convert. Click the green icon next to the *Input File* field, navigate your folders, and select one or more videos to convert. (Note that the program will not convert from *any* video

format.) Once a video is selected, it will be added to a file list at the bottom of the window. Repeat the Add File process until you have completed your list of videos to convert.

5. Once the list is complete, click the *Begin* button () to start converting and saving the list of videos. A message will appear to indicate when the list is complete.

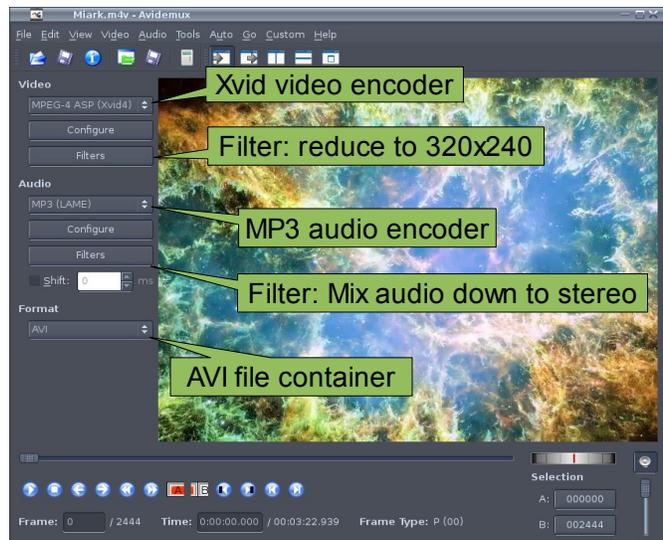
3.3 Using Other Conversion Software (Windows)

While the included software converts numerous formats to the format required by the player, there may be some that it cannot convert, such as MP4 files. However, you can find other free software on the Internet that can do the job. For software that specifically converts MP4 files, follow these steps:

1. Using your favorite web browser, visit www.download.com.
2. Enter the following search phrase: pazera mp4 avi
3. Click *Download Now* on the row that reads *Pazera Free MP4 to AVI Converter*.
4. Once the download is complete, unzip the file.
5. To run the program, enter the new unzipped folder and double-click *mp4toavi.exe*.
6. Run the program and make sure that when you convert videos that you configure a resolution of 320x240.

3.4 Converting Video in Linux

While the player does not come with conversion software for Linux, there are several free, open source programs available in Linux that can do the necessary transcoding. The three most powerful commandline encoders are *mencoder*, *ffmpeg*, and *transcode*. To make things easier, you can



use one of the many available front-ends, although the simplest may be *avidemux* (pictured).

Regardless of the tool you use, transcode videos as follows:

- Use AVI as the file container.
- Encode video using the Xvid codec.
- Resize video to 320 x 240 pixels or smaller.
- Encode the audio using an MP3 codec.
- Reduce the audio to 2 channels *if* the original was more, such as 5.1.

There may be other transcoding “formulas” that will produce videos that are compatible with the player. Also note that there are some formats that will work without conversion. For a full list of supported formats, see “Technical Specifications” on pg. 29.

Note: Ematic does not provide support to Linux users, however, you can get help from the Linux community on the Internet via information sites, forums, and e-mail lists.

4.0 Copying Files

4.1 Copying Media Files to your Player

To listen and/or view media on your player, you must first copy the files from your computer to the player. Before copying files to your player, you must make certain that the files you wish to enjoy on your player are, in fact, supported by the player. See the full list of supported formats under “Technical Specifications” on pg. 29. Read about video conversion on pg. 5.



Make certain your media files are supported by the player.

Windows

Follow these steps to copy media files under Windows:

1. Switch the player on.
2. Connect the player to your computer with the USB cable.
3. Open a window to the player: Double-click *My Computer*, and then double-click the drive that corresponds to the player. It will probably be labeled *Removable Disk*.

4. Using the same process, open a window to your music, video, or other media files files.
5. Drag-and-drop media files from your computer's window to the player's window. Media files must be copied to the correct folders:
 - ◆ Music files are copied to the *MUSIC* folder. You can use subfolders.
 - ◆ Video files are copied to the *VIDEO* folder.
 - ◆ Image files are copied to the *PICTURES* folder.
 - ◆ E-book files are copied to the *TXT* folder.
6. Disconnect the player from the computer using the safe removal method on pg. 4.

Mac OS X and Linux

1. Switch the player on.
2. Connect the player to your computer with the USB cable.
3. Mac OS X: Use a file manager to open a window to the player, which will appear as any other flash media.

Linux: Mount the device in read/write mode and open a window to the device using the file manager of your choice.
4. Using the same process, open a window to your music, video, or other media files files.
5. Copy media files from your computer's window to the player's window. Media files must be copied to the correct folders:
 - ◆ Music files are copied to the *MUSIC* folder. You can use subfolders.
 - ◆ Video files are copied to the *VIDEO* folder.
 - ◆ Image files are copied to the *PICTURES* folder.
 - ◆ E-book files are copied to the *TXT* folder.
6. Unmount the media from your system, if necessary, so that you're certain your operating system has completed any read/write operations to the player.
7. Unplug the USB cable.

4.2 Using Windows Media Player's® Sync Function

If you sync your player with Windows Media Player, follow these steps when initially syncing the device:

1. Turn the player ON.
2. Connect the player to your computer.

3. Run Windows Media Player and then click the tiny down arrow on the Sync tab.
4. Click *USB DISK DEVICE* and then *Set Up Sync* on the submenu.
5. If you want Windows to automatically sync your player, then select *Sync this device automatically*, otherwise clear the box, and click *Finish*.
6. Highlight the files you want transferred to your device and drag them into the *Sync List* column.
7. Click *Start Sync* to transfer the files. When the process is complete, the you should be able to see the song files on the player through *My Computer*.

Note: See the full list of supported formats under “Technical Specifications” on pg. 29 to determine which synced songs will be supported by the player.

5.0 Expanding the Player's Storage

5.1 Preparing MicroSD or “TF” Cards for Use

You can expand the player's capacity by adding a MicroSD card (also known as a TransFlash or TF card) with a capacity of up to 8GB. First, however, it must be prepared for use by the player. Follow these instructions to prepare the card:

1. Turn the player off.
2. Insert a microSD/TF card into the player.
3. Turn on the player.
4. Select *Setting* from the Mode Selector.
5. Select *Player Configure* from the menu.
6. Select *Format Card* from the next menu. The function will create the necessary folders.
7. Use the USB cable to connect the player to your computer.
8. Access your MicroSD card through *My Computer*.



When in Video, Camera, and other modes, you can access files on your microSD card via the *Dir List* menu option.

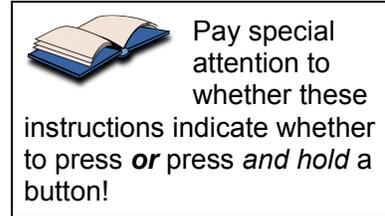
Part II: Player Operations

6.0 Basic Operations

6.1 Turning the Player On and Off

On: To turn the player on, move the player's on/off switch to the ON position, and then hold the PLAY button until the display turns on.

Off: In any working mode, hold the PLAY key, or move the player's on/off switch to the OFF position.



By default, if the player is left idle for three minutes, it will turn itself off. That can be configured to turn off after a different duration, or not at all. (See "Device Settings" on pg. 24.)

The unit will also turn itself off if the battery becomes too weak.

6.2 Understanding and Navigating Menus

The Mode Selector

The player does many things, including playing audio and video media and shooting photos or video. To enter any of these modes, call up the *Mode Selector* by pressing the CAMERA button. When the player is turned on, it displays the Mode Selector. Browse the modes with the arrow keys, and then select a mode with the MENU button.



File List

Once you have selected any review mode (My Music, My Pictures, Video Player, E-Book), a list of your files will appear. Highlight files using the arrow keys, and select a file by pressing the MENU button.

Menus

Whether you are still in the file list, or looking/listening to a file, you can display a menu of file and play options by holding the MENU button, or by pressing the VOL button.

In any menu or list, you can use the arrow buttons to navigate the list, and select with a press of the MENU button. The same is true if you descend into submenus.

Some options can be changed in the list without the use of a submenu. This is normally the case where a menu option has a colon and value. For example, "Replay Times: 3" can be changed in the list. Use the arrow buttons to highlight the setting, as usual, but then change the value by pressing the PLAY and MENU buttons.

Sometimes the player will display a dialog box, asking you to confirm a change. Use the arrow buttons to highlight your answer and select it by pressing the PLAY button.

To back up to a previous menu, press the VOL button.

In all viewing/listening modes, you can return to the Mode Selector by pressing the CAMERA button.

6.3 Changing the Volume

In Video Player, My Music, or Radio mode, the volume is changed as follows:

1. Hold the VOL button to enter the volume changing mode.
2. Use the arrow buttons to change the volume.
3. Press the VOL button to exit the volume changing mode, or wait a few seconds for the player itself to exit itself.

6.4 Virtual Keyboard

There are some functions that require you to use a virtual keyboard to type. To use the keyboard:

- Move the highlighter left or right with the arrow buttons.
- Move the highlighter up and down with the CAMERA and MENU buttons, respectively.
- "Press" a virtual key with the PLAY button.
- Delete typed characters (like a Backspace key) with the VOL button.

Once you've typed your characters, use these same keys to highlight and select the checkmark key at the bottom of the virtual keyboard.

7.0 Watching Videos

7.1 Playing a Video



This player will only play videos that are or have been converted to a compatible video format. See “Technical Specifications” on pg. 29 for a list of supported formats. See pg. 5 for conversion information.

Use the Mode Selector to select the Video Player mode, and then select a video. (See “Understanding and Navigating Menus” on pg. 11.)



7.2 Basic Play Operations

- **Pause** or **resume** by pressing the PLAY button.
- **Skip** to the previous or next video file by pressing the arrow buttons.
- **Fast-forward** or **rewind** by holding the arrow buttons.
- Change the **volume** as described on 12.

7.3 Video Menu Commands

Hold the MENU button to display the black-background player menu. Navigate as described under “Understanding and Navigating Menus” on pg. 11. Some combination of the following commands will be available, depending on whether you bring up the menu from the file list or .

- **Remove** will delete the file.
- **Loop mode** will open a sub-menu from which you can select a repeat mode.
- **Add Tag** will create a bookmark at the current timemark of the current video. You can later access the bookmark directly.
- **Information** will display statistics about the file being played.
- **Protect File** will move the file to a protected partition if you've set one up.
- **Volume** will open the volume control.

7.4 File Menu Commands

When you are viewing file list, you can access a file menu by pressing the VOL button. From this menu you to switch between the files on the **Local Memory** or **Card Memory**.

If you press the VOL button again, the menu will display the following:

- **Now Playing** returns you to the file list.
- **Dir List** allows you to switch between different lists of files.
- **My Video Tag List** a list of bookmarks or “tags” that you created while watching videos. To go to a tag, select My Video Tag List, and then highlight and select a tag entry. To delete a tag, hold the MENU button to display the menu, and then select **Remove** from the menu.

Press the VOL button again to return to the Mode Selector.

8.0 Listening to Audio

8.1 Playing an Audio File

Use the Mode Selector to select the My Music mode, and then select a audio file to which to listen. (See “Understanding and Navigating Menus” on pg. 11.)



8.2 Basic Play Operations

- **Pause** or **resume** by pressing the PLAY button.
- **Skip** to the previous or next file by pressing the arrow buttons.
- **Fast-forward** or **rewind** by holding the arrow buttons.
- Change the **volume** as described on 12.
- Assign up to a five-star **rating** by pressing the MENU button, and then using the arrow buttons to increase or decrease the rating.

8.3 Audio Menu Commands

Hold the MENU button to display the black-background music, menu. Navigate as described under “Understanding and Navigating Menus” on pg. 11. Some combination of the following commands will be available, depending on whether you bring up the menu from the file list or .

- **Repeat** allows you to select one of many repeat patterns.
- **EQ Settings** allows you to select one of many equalizer presets.
- **Replay Mode** activates a looping mode.
Once you select this mode, the player will indicate that it is ready for you to set point A by displaying *A-* in the loop indicator. To set point A, press the right arrow button. The player will then indicate that you can set point B by displaying *-B* in the loop indicator. When you hear the point at which you want the loop to end, press the right arrow button again. The icon will then indicate that the loop is set by displaying *A-B*, and will then play the loop a set number of times (see *Replay Times* below), waiting a set number of seconds between each loop (see *Replay Gap* below). While the indicator reads *-B*, you can reset point A by pressing the left arrow button and starting the process again.
- **Replay Times** sets the number of loop repetitions.
- **Replay Gap** sets the number of seconds between each loop.
- **Tempo Rate** allows you to increase the speed of play.
- **Remove** will delete the file.
- **Add to MyList** will add the song to one of five personal playlists.
- **Information** display statistics and ID tags for the audio file.
- **Add Tag** adds a bookmark at that place in the song.
- **Fade In/Fade Out** sets whether songs will fade in and out when playing is started or stopped.
- **Volume** will open the volume control.

8.4 File Menu Commands

When you are viewing the file list, the files are listed by file name. If you press the VOL button you can select alternate ways to list your audio files:

- **All Music** lists all your songs by filename.
- **Artist** lists the artists of your songs. Select an artist to listen to all the songs by that artist.
- **Album** lists all the albums represented by your music collection. Select an album to listen to all the songs from that album.
- **Genre** lists songs based on their genre ID3 tag. Select a genre to listen to all your songs that are tagged with that genre.
- **My Music List** lists the five playlists you created.
- **Dir List** allows you to switch between files stored in internal memory, and those stored on your microSD card (if you're using one).
- **Record List** lists all the audio you created with the player in Record mode.
- **My Music Tag List** displays a list of bookmarks or tags that you created while listening to audio. To go to a bookmark, select this option

and then highlight and select an entry. To delete a tag, hold the MENU button to display the menu, and select *Remove*.

- **Level** allows you to select songs based on ratings you assigned to songs. Select a rating (or “unclassified”) to listen to all the songs with that rating.

Press the VOL button again to return to the Mode Selector.

9.0 Viewing Pictures

9.1 Entering My Picture Mode

Use the Mode Selector to enter My Picture mode, and then select a photo from among the thumbnails. (See “Understanding and Navigating Menus” on pg. 11.)



9.2 Basic Play Operations

While viewing a photo

- **Skip** to the previous or next photo file by pressing the arrow buttons.
- View a **status bar** by pressing the MENU button.
- Return to the thumbnails by pressing the VOL button.

9.3 My Pictures Menu Commands

Hold the MENU button to display the photo menu. Navigate as described under “Understanding and Navigating Menus” on pg. 11. Some combination of the following commands will be available, depending on whether you bring up the menu from the file list or while viewing a photo:

- **Remove** will delete the file.
- **Rotate** allows you to rotate the image for display. It does not permanently rotate the image file.
- **Zoom** allows you to zoom in or out of an image. Once zoomed in, you can scroll around the image: scroll left and right with the arrow buttons; scroll up and down with the CAMERA and PLAY buttons respectively.

- **Information** display statistics about the photo file.
- **Set as Startup** will display the current image when the player boots.
- **Set as Shutdown** will display the current image when the player shuts down.
- **File Protect** will move the image to the protected partition, if you've set one up.

10.0 Shooting Photographs

10.1 Entering Camera Mode

Use the Mode Selector to select the Camera mode. (See "Understanding and Navigating Menus" on pg. 11.)



10.2 Basic Photo Shooting Operations

Use the display as a **viewfinder**.

Optionally **zoom** in and out with the arrow buttons. (The zoom is digital rather than optical.)

Snap a photo by pressing the CAMERA button.

Once you've taken one or more photos, press the VOL button to return to the Mode Selector.

To **view your photos**, enter My Pictures mode where you'll find your photos in the *CAMERA* folder.

10.3 Camera Menu Commands

Hold the MENU button to display the Camera menu.

The camera displays a preview of settings that affect image quality. For instance, when you select *Brightness* from the menu, the viewfinder will appear, and the setting's options will appear at the bottom of the image. Select an option with the arrow keys, viewing the effect it will have on subsequent photos, and then press the VOL button to return to the menu.

The following settings will be available:

- **White Balance** sets the white balance for photos taken indoors or outdoors. Select *Auto* to let the camera set the best option automatically. This setting displays a preview of options.
- **Brightness** allows you to darken or lighten subsequent photos on a scale of (-3) to +3. This setting displays a preview of options.
- **Exposure Mode** sets the exposure for bright outdoor photos or darker indoor photos. Select *Auto* to let the camera set the best option automatically. This setting displays a preview of options.
- **Special Effect** allows you optionally set one of three special effects: negative, sepia (to give photos that “old fashion” look), and black and white. This setting displays a preview of options.
- **Save Path** allows you to choose whether to save photos to internal memory or the microSD card (if you are using one).
- **Resolution** allows you to select one of many resolutions. Higher resolution photos produce higher quality images, but take up more storage space.
- **Free Space** displays the available storage space of the configured *Save Path*.
- **Self-timer** allows you to optionally set a delay of 5-20 seconds between the time the shutter button is pressed and the camera actually takes the photograph.
- **Shutter Sound** allows you to select one of three shutter sound effects that are played when you press the shutter button. You can also disable the shutter sound.
- **Date Stamp** sets whether a red-lettered date stamp is superimposed on the bottom-right corner of subsequent photographs. If so, you can choose whether the stamp includes the date and time, or just the date.

11.0 Recording Video

11.1 Entering DV Mode

Use the Mode Selector to enter DV mode. (See “Understanding and Navigating Menus” on pg. 11.)

11.2 Basic Video Shooting Operations

Use the display as a **viewfinder**. A status bar will appear, indicating:



- The configured resolution *or* the length of the current recording.
- Whether a recording is in progress. A red dot indicates that it is not in progress while a green dot indicates when one is.

Begin **recording** by pressing the CAMERA button. End a recording by pressing the CAMERA button again. Your videos will be saved to the VIDEO folder.

Once you've finished a recording, you can return to the Mode Selector by pressing the VOL button.

To **view your video recordings**, enter Video Player mode where you'll find your recordings in the file list. They files are named using the digits of the date and time. If, for example, you recorded a video on January 5, 2010 at 7 seconds after 6:05pm, then the filename would be *20100105180507.avi*.

11.3 The DV Menu

To display the DV menu, press and hold the MENU button. The settings are the same as the those in the Camera Mode menu as described on “Camera Menu Commands” on pg. 17, except for one addition setting: *Record Quality* allows you to choose one of four quality presets.

12.0 Recording Audio

12.1 Entering Recorder Mode

Use the Mode Selector to enter Recorder mode which will immediately display the Recorder Mode menu.



12.2 Basic Recorder Operations

Set **record options** by selecting *Rec Type* from the menu. (See “Understanding and Navigating Menus” on pg. 11. for details on navigating menus.) From the Rec Type sub-menu, you can configure whether to record in WAV format or MP3 format. WAV files are not compressed, thus they produce high fidelity recordings, but require a lot of storage space. MP3 encoding is “lossy”, so MP3 recording are not as high-fidelity as

WAV. Nevertheless, they can sound excellent (depending on the recording bitrate) and they require *significantly* less storage space.

After selecting a file format, you can choose a bitrate at which to record your audio. Like high photo resolution, higher bitrates produce higher quality audio, but also require more storage space.

These are the basic recording operations:

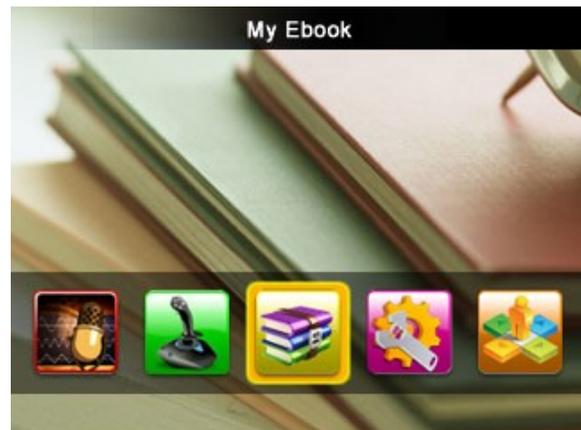
- To **record**, select *Now Recording* from the menu. As you record, the display will show (a) the name of the file under which the recording will be saved, (b) the elapsed time of the current recording, (c) a countdown timer that indicates how much recording time is possible, based on available storage space, and (d) a recording-in-progress indicator.
- To **pause** a recording, press the PLAY/PAUSE button.
- To **stop recording**, press the MENU button.
- Once the recording ends, you can **create another recording** by pressing the PLAY button.

To return to the Recorder Menu, press the VOL button. Press VOL a second time to return to the Mode Selector.

13.0 E-Book Operations

13.1 Entering E-Book Mode

Use the Mode Selector to enter My E-Book mode. Use the arrow buttons to browse the list of texts and press PLAY to select a text for viewing.



13.2 Basic E-Book Operations

While viewing a text, a **status bar** at the top of the display will indicate what page you're viewing, and the total number of pages. It will also indicate whether the scrolling will be done manually ("Auto Mode") or automatically ("Auto Mode"). Scrolling is done a page at a time.

You can **manually scroll** through a text with the arrow buttons.

You can have the player **automatically scroll** through a text by pressing the MENU button. See “File Operations”, below, to change the number of seconds between each page turn.

13.3 E-Book Menu

While viewing a text, press and hold the MENU button to display the E-Book menu. From the menu, you can select the following commands:

- **Add Tag** to create a bookmark at the current page of the text.
- **Remove** to delete the text.
- **Skip to** which allows you to more quickly advance or back up to a different position within the text.

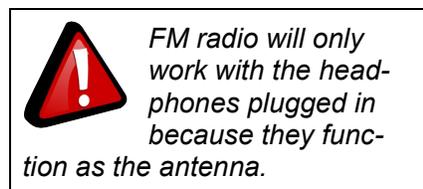
13.4 File Operations

Press the VOL button to display the file menu and its options:

- **Now Reading** returns to the file list.
- **Dir List** allows you to switch between texts stored in internal memory and those stored on your microSD card (if you're using one).
- **Tag List** will display a list of your e-book bookmarks. Select a bookmark to jump to it. To delete a tag, hold the MENU button to display the tag menu, and then select *Remove*.
- **Auto Play Gap** changes the number of seconds between each page turn when the reader is in automatic scrolling mode (“Auto Mode”).

14.0 Listening to the FM Radio

Use the Mode Selector to enter FM mode.



14.1 Basic Radio Operations

Manual Tuning Use the arrow buttons to tune into a specific frequency.

Volume can be changed as described under “Changing the Volume” on pg. 12.

You can **mute** the radio by pressing the PLAY button. Press PLAY again to unmute the radio.

If radio stations have already been saved as **presets**, you can list them by pressing the MENU button. To listen to a preset, highlight and select an entry. (See “Understanding and Navigating Menus” on pg. 11.)

Return to the **Mode Selector** by pressing the CAMERA button.

14.2 FM Radio Menu

While listening to the radio, press and hold the MENU button to display the FM radio menu. From the menu, you can select the following:

Automatic Tuning causes the radio to scan all available frequencies and save all stations whose signal is strong as a preset or “channel”.

Save Channel If you are listening to a station that has not been saved as a preset, then select this command to save the station as a preset or “channel”.

Remove If you are listening to a station that *has* been saved as a preset, you can delete the preset by selecting this command.

Record Quality The player can digitally record an FM broadcast directly as an MP3 file. Selecting this setting allows you to configure one of three quality levels: High quality records at 256 kbps; Medium quality records at 128 kbps; and Low quality records at 64 kbps.

FM Record will digitally record the tuned FM broadcast according to the configured *Record Quality*. Press MENU to pause the recording. Press PLAY to stop the recording and save the audio file to the player's MUSIC folder.

Once audio has been recorded, go to the Mode Selector to enter My Music mode, press the VOL button for the file menu, and select *Record List* for a list of your MP3-encoded FM recordings. The FM recordings will have filenames beginning with “FM”.

14.3 Secondary Menu

Pressing the VOL button to display a second menu of the following options:

Listen In returns you to the play screen.

Station List displays a list of your presets, just as you'd see by pressing the MENU button from the play screen.

FM Band allows you to configure the radio for use in either Japan or the United States of America.

Stop Playing simply turns off the radio without leaving the FM Radio mode.

15.0 Tools

15.1 Accessing the Tools

Use the Mode Selector to enter the Tools mode where you can select the following:

Stopwatch is a chronometer that can record lap times. To start the stopwatch, press the PLAY button. To stop, press PLAY again. To record lap times, press the right arrow button. After the last time slot has been used, the stopwatch will re-use the five time slots.



Calculator is a calculator that performs basic math, and includes a memory function. Press the virtual calculator keys as described under "Virtual Keyboard" on pg. 12.

Calendar is a month-at-a-view calendar. You can look at the previous month by pressing the MENU button, and the next month by pressing the PLAY button. You can highlight individual days with the arrow buttons. Some special days are identified at the top of the display. For instance, highlighting December 25 will display "Christmas Day".

PC Camera The device can be used as a PC camera. After selecting this tool from the menu, use the USB cable to connect the camera to your computer. In Windows the camera should appear in *My Computer* as *USB Video Device* which you can use with any webcam-capable programs.

16.0 Device Settings

Use the Mode Selector to enter Settings mode. The following options are available:

Information to display technical information about the player.

Display brings you to a submenu with two options. *Backlight* determines how long it takes for the screen to display the screensaver (a clock). *Screen Saver Time* determines how long the screen saver will show before screen turns off. Note that the device will still be on, but the screen is turned off to save battery power.

Rename playlist allows you to rename your personal music playlists. Simply select a playlist and then change the name with the virtual keyboard. (See “Virtual Keyboard” on pg. 12.)

Date and Time allows you to adjust the date and time on the device. See “Understanding and Navigating Menus” on pg. 11.) You can also configure whether information is displayed on the System Bar at the top of the display.



Player Configure is a submenu of further options:

- **Owner:** configure your name as the owner. (See “Virtual Keyboard” on pg. 12.)
- **Off time:** The number of seconds of inactivity before the player turns itself off.
- **Sleep time:** How many minutes of *play* before the player turns itself off.
- **Format Card:** formats an inserted MicroSD card, and creates the necessary subfolders.

- **Format Memory:** reformats the player's internal memory, and creates the necessary subfolders.
- **Key-press sound:** determines whether the player makes a sound whenever you press a key.
- **TV OUT:** Configures whether the device plays audio and video on itself, or sends the signals through the audio/video cable attached to the earphone jack. If you turn on TV out, you must specify NTSC or PAL. North American customers must choose NTSC.

Language Select allows you to change the display language. Supported languages are listed under “Technical Specifications” on pg. 29.

Encrypted Disk Setting creates a password-protected partition. The process requires that you select a size for the partition, and then a password which you set with a virtual keyboard. (See “Virtual Keyboard” on pg. 12.) Note that the contents of the protected partition are protected from the player, but files can still be added, deleted, and modified when accessed through a computer.



Reset reboots the player.

Miscellaneous

17.0 Formatting the Player

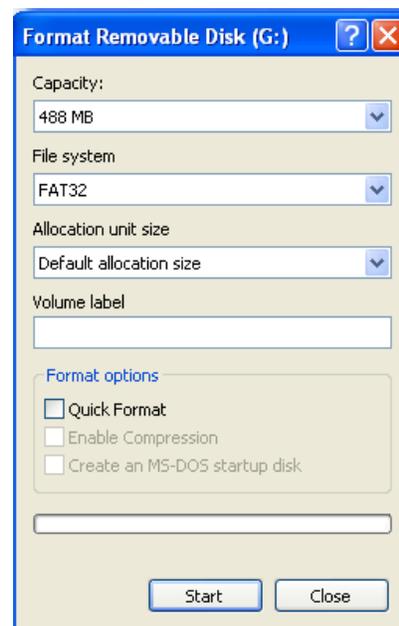
17.1 Understanding Filesystems

Your player is like a small hard drive of data, and like any such storage device, it has a *file system*. If you wish to reformat the player's file system, you may use any standard formatting tools as long as it is formatted with **FAT32 file system**.

17.2 Reformatting Your Player in Windows

Follow these steps to reformat your player:

1. Connect the player to your computer via the USB cable.
2. Double-click *My Computer*. Find the icon representing the player, which will probably appear as *Removable Disk*.
3. Right-click the player's icon and select *Format*.
4. Make certain the **file system is FAT32**, otherwise the player will not work!
5. Click *Start*.
6. When the Warning message appears, click *OK*. **Once started DO NOT remove the USB cable as this may damage the player!**
7. Once the formatting is complete, you may access the drive through *My Computer*.



18.0 Help

18.1 Troubleshooting

| Problem | Possible Reason | Solution |
|---|------------------------------|--|
| Unit will not turn on | Weak battery | Recharge the battery for 4 hours |
| | Invalid operation | Switch player off and then on again |
| Unit spontaneously turns off | Weak battery | Recharge the battery for 4 hours |
| Player connected by USB, but computer does not recognize the device | USB cable damaged | Replace with a new cable |
| | USB in disabled in the BIOS | Enable USB functionality in the BIOS |
| | OS does not support USB | Install or update the OS driver |
| | Wire wrongly connected | Make sure the cable is firmly connected |
| | Any issues of the PC | Reboot PC |
| No sound when playing media | Volume is too low | Turn up the volume |
| | Wrong audio out device | Set right parameter |
| | Unsupported file format | Re-encode media in a supported format |
| | The file is corrupted | Re-copy the file to the player. You may have to re-encode the file. |
| | Damaged earphones | Use different earphones |
| | Format failure | Format with a FAT32 file system |
| Doesn't save: "Save Failure" | Storage full | Delete some files from the player |
| | Wrong save path | Double-check the destination folder |
| Wrong language | Wrong language is configured | Change the language in Settings |
| Songs on player are not in playable list | Songs in the wrong folder | Move all song files to the player's MUSIC folder, or one of its subfolders |

18.2 For More Help

- See the FAQ page on our website for information and how-to videos: <http://ematic.us/>
- Check the Updates section of our website.
- View how-to videos on our website.
- E-mail customer service: CustomerService@ematic.us
You can expect a response within one or two business days.

19.0 Technical Specifications

| | | |
|-----------------------|--|--|
| Dimensions | 82mm x 52mm x 12.5mm (length x width x thickness) | |
| Display | Physical dimensions | 2.4" LCD QVGA |
| | Resolution | 320x240 pixels |
| USB | USB 2.0 | |
| Memory | Internal filesystem | FAT32 |
| | Expansion capacity | 1GB / 2GB / 4GB / 8GB (optional) |
| Record | Format | WAV/MP3 |
| | Length | 70 Hours (128MB) |
| MP3 and WMA | Compress rate | 32Kbps – 384Kbps |
| | Frequency response | 20Hz – 20KHz |
| | Total harmonic distortion | <0.1% |
| | Signal-to-noise ratio | >85dB |
| | Audio Power | 8mW – 16mW |
| CMOS Camera | Framerate | 30fps |
| | Color depth | 24bit |
| Supported formats | Focus | 1x to 2x |
| | Images | JPG, PNG, GIF, BMP, TIFF images that are uncompressed, TIFF images that are compressed via Pack Bits, CCITT Group 3 fax images, and CCITT Group 4 fax images |
| | Videos | RM, RMVB, AVI, WMV, and FLV videos that have a resolution of 320x240 or smaller. |
| | Audio | MP3, WAV, and unprotected WMA, OGG, FLAC, and APE. Protected WMA audio files, and M4A/M4P files (any AAC-encoded audio) from iTunes® are not supported. |
| | E-book | TXT |
| TV-out framerate | NTSC 30fps; PAL 25fps | |
| AV-out voltage | ≥1V (VPP) | |
| Operating temperature | -5°C to 40°C | |
| Menu language | English, Simplified Chinese, Tradition Chinese, Japanese, Korean, French, German, Spanish, Portuguese, Dutch, Italian. | |



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