Full User Manual

ARCHOS Gmini™ 100 series

MP3 & WMA Player / USB 2.0 Hard Disk

ARCHOS

Think smaller

Please see our web site for the most recent manual and software updates for your Gmini™100.

Full User Manual Version 1.3

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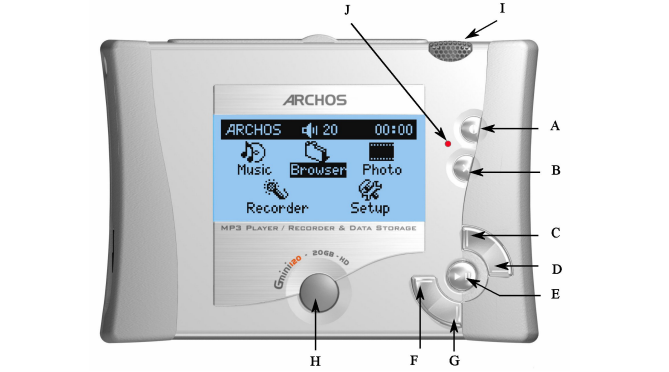
2 Ports, Buttons, and Connections



Button	Symbol	Description
A		ON : Hold down for a few seconds and the Gmini will start up.
B		STOP/ESC : Stop playing current file or escape from current screen. Long press to shut off.
C		UP : Move up - also, increases playing volume
D		RIGHT : Move right - also increases recording gain
E		PLAY/PAUSE/OK : Play current item, pause, play again. Enter value.
F		LEFT : Move left – also decreases recording gain
G		DOWN : Move down - also decreases playing volume
H		MENU : Contextual Menu - When the menu icon appears in top left of screen, a menu is available.
I		Built-in Microphone
J		Hard drive activity indicator

A Photo Wallet Port (CompactFlash™ type I & II)
B Mini USB 2.0 port (USB 1.1 compatible)
C Power – To power the unit and charge the internal batteries with the AC adapter.
D Headphone Multi-connect jack – To connect headphones, FM remote control, or adapter plug.
E Multi-connect Adapter Plug – Allows for Line-In and SPDIF-in connections

3 First Time Usage

Please understand that this device has a CPU, hard drive, and Operating System (OS) and thus it is more like a computer than a CD player, cassette player, or radio. If you are not familiar with using a computer, it would be particularly useful to read the complete detailed User Manual on the included CD-ROM.

3.1 Plugging in the AC Adapter

Before using your Gmini 100 for the first time, completely charge the internal batteries.

- Use only the included ARCHOS charger/adapter. Plug the AC adapter into the power jack to start charging the internal batteries. Charging will start automatically when it is plugged in.
- The batteries are fully charged when the happy battery face appears.
-

Sad battery: The battery is empty. It must be recharged.

Thinking battery: The battery is being charged.

Happy battery: The battery is completely charged and the AC adapter can by unplugged.

- After the first initial full charge, you may use the Gmini while the AC adapter is plugged in.

3.2 Turning on the Gmini

- Hold down the ON button until the screen comes on, then let off.
- If the Gmini shows a sad battery icon or if the Gmini displays nothing at all, you will have to plug in the Archos adapter/charger to make sure the batteries get charged.

3.3 Changing the user interface language

English is selected as the default language for your Gmini user interface. You can choose another language as explained in chapter 5.2.6.

3.4 Shutting off the Gmini and Battery saving features

- To shut off the unit, press and hold the STOP button for 3 seconds.
- If left idle, the screen's blue backlight will shut off after 10 seconds in order to save battery power. The Gmini will shut itself off after 2 minutes if left idle and no music is playing. You can change these settings under [***Setup*** ➔ ***Power***].

3.5 Caring for the Gmini

The Gmini is an electronic product that needs to be treated with care.

- Do not subject it to shock. You may however go jogging with it or do sports.
- Do not subject it to heat. Keep it ventilated when connected to your PC.
- Keep the Gmini away from water and excessively humid areas.
- Keep the Gmini away from high electromagnetic fields.
- Keep it plugged into the Archos AC adapter/charge when it is connected to your computer.

4 User interface overview

4.1 Main Menu

Once the Gmini has been turned on, the following screen is displayed. This is the main menu screen from which you can select the main functions.

- **Music**: Browse through your music files or use the ARCLibrary music selection system.
- **Browser**: Browse through and manage all the files on your Gmini .
- **Photo** : View information about your downloaded photos.
- **Recorder** : Record from any music source (Stereo, portable players, etc.) or from the built-in microphone.
- **Setup**: Set the paramaters of your Gmini to your personal taste.

4.2 Familiarizing yourself with the interface

4.2.1 Main menu

Each icon corresponds to a mode. Use the LEFT, RIGHT, UP and DOWN buttons to navigate from one icon to another. Press OK to select the icon and start the action. Press Esc to exit.

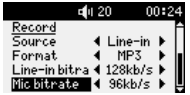
4.2.2 Browser

Use the UP and DOWN keys to highlight the item of your choice. If you keep pressing UP or DOWN, the list will scroll for you to see the other items. The vertical black indicator on the right shows your reletive position in the entire list.

Press OK to start the action corresponding to the highlighted item.

4.2.3 Settings screen

Selectable items



Use the LEFT and RIGHT keys to change the parameter value. The new value is immediately taken into account so there is no need to press OK. Click on ESC when done.

Check boxes

Each checkbox corresponds to a different parameter value but only one parameter can be selected at a time. Use the UP and DOWN keys to highlight an item and then press OK to validate it.

Actions

In the settings screens you sometimes need to perform some actions. Actions are shown enclosed with [ ]. Press OK to start the action.

4.2.4 Contextual Menus

When the is present on the top-left corner of the screen you can press the MENU key to display a popup menu with actions related to the current mode. Pressing MENU again or Esc closes it.

Use the UP and DOWN keys to highlight the action you want to start and then press OK to validate it.

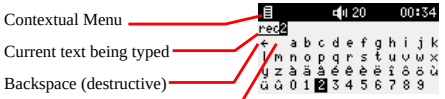
4.2.5 Message boxes

From time to time a message box is displayed on the screen. This may be a warning or an error message, or a question to confirm an action.

Message boxes may have up to 3 buttons (for instance yes, no and cancel). If there is more than one button use the left and right keys to highlight the button you want. In all cases press OK to validate your choice which will then exit the message box.

4.2.6 Using the Virtual Keyboard

It is recommended that you create folders and rename files or folders from your computer when it is connected to the Gmini . The computer keyboard is easier to use. Often times, however, you are not near your computer and you would like to enter the text directly with the Gmini . For this, you will use the virtual keyboard. You will be taken to this screen when you rename a file or folder or when you name a recording.



You will use the LEFT, RIGHT, UP, and DOWN buttons to move around the keyboard. Click on OK to enter the character that is highlighted. Once satisfied with your text entry, click on the MENU button and select **Enter**.

The contextual menu will give the following options:

Enter: Validate the current text entry. This is like the Enter key on a keyboard.

Delete: deletes the last character entered (like the backspace).

Clear all: Clears the text entry line.

Shift: toggles between uppercase and lowercase keyboards.

Tip : use the ESC key to cancel any changes you made and exit the virtual keyboard.

4.2.7 Locking the Gmini keyboard

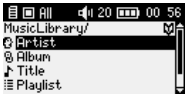
You can prevent the Gmini from executing unintended functions by locking the buttons. This lock feature locks the keys from any accidental pressing or bumping.

To lock the keyboard, hold down on the MENU key until the “lock” icon appears in the top-left corner of the screen. Now all keys except the MENU key are disabled. To unlock the keyboard hold down again the Menu key until the “lock” icon dispappears.

5 Using the Gmini 100

5.1 Playing music

First, select the Music Icon and press OK.



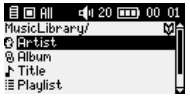
5.1.1 Selecting a song

There are two ways to access your music. You can either access your songs by browsing through the folders, where you keep your music files, or you can choose from Artist, Album, Genre, or Song.

Browsing through the folders

In order to browse through the folders scroll down until "Browse hard drive" is highlighted and press OK. You will be sent directly to the Music folder of your Gmini . This is a filtered access to browse the hard disk. Here you can look at all your music files and the folders on your Gmini's hard drive as if you were browsing files with a computer. You will only see audio files types that are playable on the Gmini. To select a file you can use the UP and DOWN keys to move upwards or downwards and OK to enter a highlighted subfolder. See chapter 5.3 for more information about using the Browser.

Using the ARCLibrary System



You can search your music by artist, album, song name, genre. Use the UP/DOWN buttons to scroll to your selection and then click on OK. Once one of these is chosen, you will see an alphabetical list. You can now choose the Album, Artist, or song Title (depending which search type you started) that you desire.

5.1.2 Playing a song

When you get to your desired song, click on OK. If you hear nothing at first, make sure you have adjusted the volume control on the headphone cord.

**If the MP3 file contains these ID3 tag data*

Play Status	
	Stopped
	Playing a track
	Current track is paused
	Recording a track

Play Order	
	(no icon) Play once
	Repeat playing
	Shuffle (Random) track selection

Play Mode	
	Playlist: Gmini is currently playing from a Playlist
	Folder: Play all tracks in the current directory
All	**All**: Play all tracks on Gmini
	Single: Play a single track then stop
	Queue: User can queue the next track to be played †
Sc	**Scan**: Gmini plays first 15 seconds of each track ††

Keyboard control

Key	Symbol	Action
Up		Increases the volume
Down		Decreases the volume
Left		Play previous song if playing time < 10s, restart current song otherwise
Right		Play next song
OK		Toggles Pause/Play modes
Esc		Stops playing and return to browser or music library
Menu		Displays the playback contextual menu

Playback contextual menu

- Setup: displays the setup screen (same as selecting the Setup icon in the main menu)
- Edit Playlist: enters the playlist editor (see below for how to use playlists).
- Browser: allows to browse through your files while playing.

5.1.3 Using playlists

A Playlist is a list of songs that the Gmini will automatically play one after the other. The Gmini can handle one Playlist at a time. You can create new Playlists, add or delete songs from a Playlist, or Save a Playlist as a file (file type .m3u) to be used another time. There is no limit to the number of Playlists you can save on the Gmini hard drive.

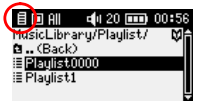
Creating a new Playlist

To create a Playlist, press the RIGHT button while you are in the Music browser. A second panel is opened on the right side to display the playlist contents (shown empty in the picture). You can now start adding songs to the current Playlist. In the left window, search for the songs you would like to add to your Playlist. Once the song is highlighted, click on the OK button to add it to the Playlist. The song will be added to the Playlist and the music icon in front of the current song is displayed in reverse video to indicate that it is in the playlist. Continue searching and adding songs in this manner until you are satisfied. You can jump back and forth anytime between the two windows by clicking the LEFT/RIGHT buttons. A Playlist can have a maximum of 1000 songs in it. We recommend that you save your Playlists to the Gmini hard drive (see below) to be used again later. You can also add all the music files of a complete folder in one operation by highlighting the desired folder, pressing MENU to display the contextual menu, and then selecting either ADD TO PLAYLIST or INSERT TO PLAYLIST.

- **Add to playlist**: adds all files at the end of the current playlist.
- **Insert to playlist** : inserts all files in the playlist at the current cursor position.

Loading a Playlist

You can load a previously saved playlist or add the files it contains to the current playlist. Use the music browser to select the playlist of your choice (playlists are indicated by a special list icon) and then press OK. If there were already some items in the Gmini playlist, then the songs of the loaded Playlist will be added to the end of it. You can then check or modify the playlist as usual in the playlist edition window.



Playing a Playlist

There are two ways to play a Playlist.

1) Press the RIGHT key to go into the playlist edition window. Then use the UP and DOWN keys to select which song you want to start with.

2) In the playlist edition window press MENU to display the contextual menu and select START PLAYLIST. The Gmini starts playing from the first track of the playlist.

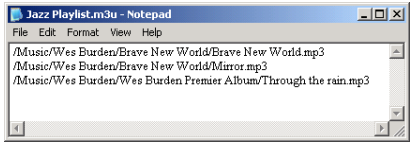
Playlist contextual menu description

- **Start Playlist**: starts playing the first track of the playlist.
- **Save Playlist**: saves the current playlist on the hard drive so that it can be reloaded later.
- **Rename Playlist** : changes the name of the current playlist with the virtual keyboard.
- **Shuffle Playlist**: randomly changes the order of the items in the current playlist .
- **Clear Playlist**: remove all tracks from the current playlist.

- **Move Track**: changes the position of the current track within the playlist. The current track is then displayed with a double arrow icon. Use the UP and DOWN keys to move the selected track and press OK to validate the new position.
- **Delete Track**: removes the highlighted track from the playlist.

Important: Once you save a Playlist it is important that you do not move the actual MP3 files as the Playlist searches in the original file location. If you need to move your MP3 files to a different folder, you'll have to recreate your Playlists.

5.1.4 What's an .m3u file?



Example of the contents of the .m3u Playlist file 'Jazz Music'

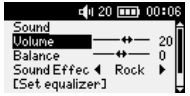
You can open a Playlist file (*Playlistname.m3u*) on your computer with a text editor such as Notepad or SimpleText (Macintosh®), and you will see that it is merely a list of files to be played along with the hard disk path to find them. If you delete a Playlist from your Gmini, you are only deleting the list and not the music itself. Because a Playlist includes the path to the music file (as shown in the example Playlist file above), you have to remember that if you change the location of a music file, then the path to it in the Playlist will be incorrect, and the Gmini will not play the song (because it can't find it). Thus it is important to create a clean directory structure and not change where your files are located. Either that or just delete your Playlist and create a new one.

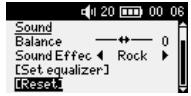
5.2 Changing the Gmini Settings

There are a number of parameters you can set on the Gmini to make it operate according to your particular needs. Start by clicking on **Setup**.

5.2.1 Changing the Sound Settings

If you would like to customize the sound quality, go to ***[Setup ➔ Sound]***.





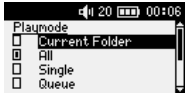
Parameter	Description
Volume	**Range : 0 to 31** Controls the current volume.
Balance	**Range : -5 to +5** (left to right)
Sound effect	**Rock, Techno, Jazz, Classic, Live or Custom** Change this parameter to select an equalizer setting to the style of music you are listening to. Select Custom to set your own equalizer levels.
[Set Equalizer]	Allows to display the current equalizer or modify it (see below).
[Reset]	Sets all your sound parameters with default or flat values.

Customizing the equalizer

To set the equalizer, highlight the **[Set equalizer]** line and then click on OK. You will now be able to adjust the Gmini's five band equalizer. Use the LEFT/RIGHT buttons to select a specific frequency range (Bass, Medium-Base, Medium, Medium-Treble, Treble) and then use the UP/DOWN buttons to increase or decrease the response for the given frequency range. Modifying these settings changes the sound in real time. Thus it is best to change these values while listening to a song.

5.2.2 Changing the PlayMode Settings

If you would like the Gmini to play through an entire folder of songs, play songs at random (shuffle), or any of the other playing options, you can set these parameters in the PlayMode settings. Go to ***[Setup ➔ PlayMode]***.

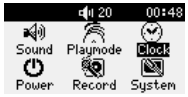


Parameter	Description
Current Folder	Play all tracks in the current directory
All	Play all tracks on Gmini
Single	Play a single track then stop
Queue	User can queue the next track to be played †
Scan	Gmini plays first 15 seconds of each track ††
Repeat and shuffle	This parameter allows you to choose the order of play of your songs **Normal**: the music sequence is played once **Repeat**: the music sequence is played in a loop **Shuffle**: the music sequence is played randomly
Bookmark	The **Bookmark,** if set to **On**, will give you the option to mark your place in a music file, and return to it the next time you turn on your Gmini. While playing a song, click on PLAY/PAUSE to pause your song, and then on STOP. The Gmini will ask you if you would like to set a bookmark. Respond with **Yes**. The next time you turn on the Gmini, you will be asked if you would like to continue playing from your bookmark. If you respond "yes", the Gmini will continue from that place in the song you were previously at.

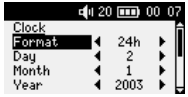
†Queue Mode: While the current song is playing, click on the menu button and select Browse, find the next song you want to play, then click Play. This is your queued song. You can only queue one song at a time. See the Playlist section to prepare multiple songs to play. Once the current track is finished playing, your queued track will be played. If you do not queue another track at this time, the Gmini will play the next song in the directory.

††Scan Mode: Each track in the directory is played for 15 seconds. This allows a quick sample of each song. If you want to play the whole song, click on the Play button during those first 15 seconds. The Gmini will then revert to single directory mode and play the rest of the songs in the directory without scanning.

5.2.3 Setting the Clock



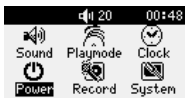
If you would like to set the Gmini's clock, go to ***[Setup ➔ Clock]***.



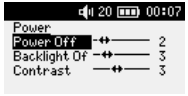
Parameter	Description
Format	This parameter tells how the time will be displayed on the Gmini screen: **12h**: displays hours from 1 to 12 **24h**: displays hours from 0 to 23
Day	**1 to 31**
Month	**1 to 12**
Year	
Hour	**0 to 23**
Minute	**0 to 59**
Second	**0 to 59**
[Set]	You must select this to set the clock.

Use the UP and DOWN arrows to choose which parameter to change, and then use the LEFT and RIGHT buttons to change that parameter's value. When you have set all the values, MAKE SURE that you scroll down to the bottom and highlight the **[set]** parameter and then press OK to activate the time change. Click on STOP to escape back to the Setup screen.

5.2.4 Changing the Power Settings



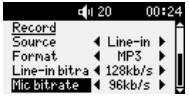
To help you get the most battery life out of your Gmini before having to recharge it, you can adjust the power settings. Go to ***[Setup ➔ Power]***.



Parameter	Description
Power Off	**Range : 1mn to 9mns, Never.** Values **1** – **9** represent the number of minutes of user inactivity before the Gmini automatically shuts off. The Gmini will not shut off during the playback of music files or during recording. **Never** indicates that the Gmini will not do an automatic shut down.
Backlight	**Range : Off, 10s to 90s, Always.** These values represent 10 – 110 seconds of user inactivity (no buttons pressed) before the Gmini turns off the blue backlight. **Never** indicates that the backlight will always stay on. Keeping the backlight on will reduce the battery time.
Contrast	**Range : 0 to 9** These values represent the black/white contrast of the screen.

5.2.5 Changing the Recording Settings

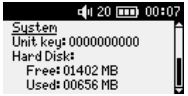
Each time you make a recording, either via the line-In, microphone, or SPDIF, the Gmini has preset recording parameters that it will use. You can change these recordings settings by going to ***[Setup ➔ Recording]***.



Parameter	Description
Set Title	Allows you to set the Title ID3 tag in the MP3 file you will record
Set Artist	Allows you to set the Artist ID3 tag in the MP3 file you will record
Set Album	Allows you to set the Album ID3 tag in the MP3 file you will record
Source	**Line-In, Mic, SPDIF**. This allows you to choose the source of your recording. If you use the Line-In option, you must connect the multiconnect adapter plug to the multiconnect headphone jack, and then plug the audio source into the line-in jack of the adapter plug. If you use Mic, then you should speak into the built-in microphone. If you use the SPDIF recording method, you will connect the included cable to the SPDIF jack on the multiconnect plug, and then on the other side, connect the yellow RCA connector to the SPDIF Out on your stereo system.
Record Format	**MP3**. Determines the file format that will be recorded. Only MP3 (ISO MPEG1 layer 3) sound encoding format is available. The recordings are made as 16 bit sampled sound to create a Joint-stereo recording.
Line-in Bitrate	**32kb/s, 96kb/s, 128kb/s, 192kb/s**. Allows you to set the recording quality of the line-in in terms of kilobits per second. The higher the value, the better the quality of the recording but also the more disk drive space that will be taken up.
Mic Bitrate	**16kb/s, 64kb/s, 96kb/s, 112kb/s**. Allows you to set the recording quality of the microphone in terms of kilobits per second. The higher the value, the better the quality of the recording but also the more disk drive space that will be taken up.

5.2.6 Changing the System Settings

To change the system parameters or get some information about the system, go to ***[Setup ➔ System]***.



Parameter	Description
Show all files	**Off** (default), **On**. If Off, the Gmini will only display the file names of files that it knows how to play. If set to On, the Jukebox will display the names of ALL the files on the hard drive (using a ? icon for unknown types), even if they cannot be played, such as .tif or .pdf for example. This setting is important when the Gmini is used as a Photo Wallet. Setting it to ON will allow the Gmini to transfer all the files from the card media regardless of file type. If set to OFF, it will only read file types that the Gmini is capable of handling.
ArcLibrary	**Off, On** (default). Select Off to disable the ARCLibrary feature or On to enable it.
Language	**English, Français, Deutsch**. Use this to set the operating language of the Gmini.
Product key	Displays the product key of your Gmini100. This product key is important as you will need it to install new software plug-ins.
OS Version	Displays the current version of the Operating System (OS).
Hard Disk	Displays amount of free space and used space of the Gmini hard drive.

ATTENTION: Changing the ARCLibrary parameter will only take effect after the next restart of the Gmini.

5.3 Using the Browser

The browser is used to navigate the file system on the Gmini. The file system is the same type of file system that is found on Windows® based computers. This way, transferring files from your computer to your Gmini is as easy as 'drag and drop'. The file system is a hierarchical system which includes folders and subfolders. Because you will be putting hundreds of files onto your Gmini, it is STRONGLY ADVISED that keep a neat and orderly file structure. Otherwise, you will be spending time searching for files and not listening to them. We suggest that on the first level of your file structure, you include the folders: Data (to carry miscellaneous data files with you), Music (all of your music files), Playlists (to hold all your music Playlists), Photo (for the files you copy from CompactFlash™ cards), and Voice (for microphone recordings).

5.3.1 Inside the MUSIC Folder

The top level of your Archos Gmini includes the folder **Music**. Most people who create neat file structures for their Archos MP3 players make the following hierarchy within the Music folder.

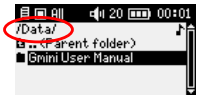
Level 1 – **Artist** (Dire Straits, Madonna, Stravinsky, etc.)

Level 2 – **Album** (Brothers in Arms, American life, etc.)

Level 3 – **Song** (Money for Nothing, Walk of Life, etc.)

The folder **Music** is a special folder in that the **Music** icon on the main screen leads to this folder directly. If it is deleted or renamed, you will be placed at the root level (highest level) of the directory hierarchy.

5.3.2 Navigating the Directory Structure



Just below the top status bar, you can see the path to the directory you are currently viewing. To navigate the directory structure you will use the UP/DOWN buttons to move through the files in a directory. Press PLAY to enter a highlighted folder. To go back up one level in the directory structure, you can either use the contextual MENU button (select **Parent**) or click on LEFT button. The contextual MENU button allows you to create new folders, delete folders, rename a file or folder, or display information about a file.

Button Controls

Key	Symbol	Action
Up		Highlights the previous file or folder in the current directory
Down		Highlights the next file or folder in the current directory
Left		Gives the focus to the left pane when in double-browser or Playlist editor, or will close the double-browser. Or, it goes to parent directory if single window view.
Right		Open double-browser or gives the focus to the right panel.
OK		Folder highlighted : enters this folder. File highlighted : start action related to the file type (ex: plays a music file)
Esc		Exit browser mode.
Menu		Displays the browser contextual menu.

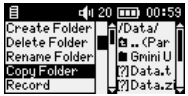
Tip : while browsing in a single browser press the LEFT key to return to the parent folder.

5.3.3 File and Folder Operations in Browser Mode

While browsing the directory system, you will have the option to manipulate files and folders. When you use the Browse mode, you will be browsing through the Gmini's hard drive as if browsing via computer. In Browser mode, you can create folders, delete files or folders, rename files or folders, and copy or move files from one place to another.

File Operations

Folder Operations



Contextual Menu on a File

File Info: Show file information such as song length, video length, photo size, number of kilobytes used of hard drive space, date file was made, etc.

Rename File: Allows you to change the name of the highlighted file. You cannot change the file extension type. You will be sent to the virtual keyboard (see the next section) to enter the new file name.

Delete File: Delete the file permanently from the Gmini. (Before it is deleted, the Gmini will ask "Do you really want to delete this file? Yes/No."

Delete all files: Permanently deletes all the files from the current folder. Before deleting the files the Gmini will ask for confirmation.

Create Folder: Create a new folder in the current level of the directory. You will be sent to the virtual keyboard to enter the new folder name. There is a limit of 1000 files per folder.

Contextual Menu on a Folder

Create Folder: Same as above.

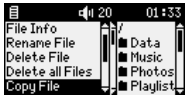
Delete Folder: This will delete the folder and its entire contents. It will ask "Do you really want to delete folder X and all files therein? Yes/No."

Rename Folder: Same as Rename File above.

Contextual Menu while in the Double Browser

Source *Destination*

By using the unique Archos double browser system, you can copy or move files from one location in the file structure to another (caution: there is a limit of 1000 files per folder). While in the Browser mode, you simply click the RIGHT button and a second browser window will open. You can jump between the two windows using the LEFT/RIGHT buttons. Wherever the cursor is highlighting a file or folder, that window is the source for the copy. The destination folder will be the other window. Once you have decided on the destination folder, move to the source browser window, highlight the file to copy, and then click on the MENU button. You can now choose **Copy file** to copy the highlighted file, **Copy All Files** to copy all the files in that folder to the destination folder, or **Move File** to move it to the destination folder.



5.4 Recording MP3 Music

With the Gmini series, you do not need a computer to create MP3 music files. It is capable of recording from the built-in microphone, an analog line source (from a HiFi system, portable stereo, CD Player, etc.), or from an SPDIF audio source. Before the actual recording begins, there is a pre-recording screen which will allow you to adjust your recording settings.

1. From the home screen, select Recorder then click on OK.

2. In the pre-recording screen, adjust the recording level** by using the LEFT/RIGHT buttons (line-in recording only). You can click on PLAY to start the recording or you can click the MENU button then select **Settings** to set the recording parameters.

3. The **Settings** selection from the MENU button reveals the recording parameters screen as shown here. Be sure to set the correct **Source**. You will hear silence during the recording and playback if the incorrect source is chosen.

4. Once you have clicked on the PLAY/PAUSE button to start your recording, you can pause the recording by clicking that button again, or stop the recording by clicking on the STOP button.

*** You should try some test recordings before deciding on which recording level gives the best sound quality. Don't be tricked by the volume of the headphones which can be adjusted with the UP/DOWN buttons.*

Button controls

Key	Symbol	Action
Up		Increases the volume (has no effect on recording level)
Down		Decreases the volume (has no effect on recording level)
Left		Decreases record level (line-in recording only)
Right		Increases record level (line-in recording only)
OK		Toggles pause/recording modes.
Esc		Stops recording, saves the file to the hard disk and returns to pre-recording screen. Press Esc again to exit the pre-recording mode.
Menu		Displays the browser contextual menu in pre-recording mode.

5.4.1 Microphone Recording

The built-in microphone is located on the top of the Gmini unit just above the ON button. Make sure that you have selected **Microphone** as the input **Source** in the pre-recording Settings screen. If you would like to make higher quality voice recordings, there is an optional pre-amplified high quality lapel microphone available from Archos .

5.4.2 Line-In Recording

You can record from any line-level audio source into the Gmini. Use the included audio cable (Red/Right, White/Left) to connect to your Hifi system, home CD player, etc (do not use the yellow). Plug the Red and White RCA type connectors into the Line-Out of your HiFi. Plug the adapter (shown on the left) into the Gmini headphone multi-connect jack. Plug the other end of the cable into the **Line in - s-pdif** labeled side of the adapter.

To record from a source such as a portable CD player, you will need to buy a cable with mini-jack (3.5mm) male connectors on both sides. Be careful that the source audio is supplying a line level and

not an amplified signal (usually turning down the volume on the player will work). An amplified signal will make for a terribly distorted recording. Make sure that you have selected **Line-In** as the input **Source** in the pre-recording Settings screen. For an input, you can also use a high quality pre-amplified microphone, such as the one Archos sells as an option.

5.4.3 SPDIF Input

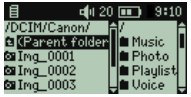
This digital input is for SPDIF enabled audio devices. The Gmini runs the wire based protocol (not optical fiber). To record via the SPDIF digital audio connection, you will use the Yellow RCA connector on the delivered cable. Plug the above shown adapter into the Gmini headphone multi-connect jack. Plug the mini-jack end into the **Line in - s-pdif** jack. The Gmini abides by the copy protection scheme of the SPDIF digital connection protocol. That is, an SPDIF copy is allowed from the original source only, not from a second generation digital copy.

5.5 Using the photo wallet

5.5.1 Using the photo browser

The photo browser is the counterpart of the music browser, but related to photos. It allows to search for your photo files and get information about them. Using the photo browser is similar to the the Gmini file browser except that the double-browser only opens when a CompactFlash™ is inserted into the CompactFlash™ card on the top of the Gmini. but there is no double-browser feature. You must therefore use the normal browser to perform operations such as files copy or move.

5.5.2 Copying Files from a CompactFlash™ Card



CF card *Gmini HD*

The Gmini has a CompactFlash™ (CF) slot on the top of the unit for copying files from CompactFlash™ type I and II memory cards. You should only insert a CompactFlash™ into the Gmini when it is in the Browser mode or main menu screen (not during music playing or recording). Just lift open the rubber cover and slide the CF card (face backwards) into the slot until you feel that it has firmly seated itself in. Once the card is inserted, the Gmini will automatically open up the dual browser system and in the left window, you will see the file structure of your CompactFlash™ memory card.

ATTENTION: If you do not see all of the files on your CF card, such as .tif, .raw, or other file types that the Gmini is not capable of handling, go to ***[Setup➔ System➔ Show All Files]*** and set it to **On**. This way you will be able to see and copy all the files on your CF card, regardless of the type.

On the right you will see the file structure of you Gmini hard drive (HD). Using the contextual MENU button, you can now copy files from your memory card to the hard drive of the Gmini the same way you copy files from one part of the Gmini to another. See section 8.3. Once you are done copying your files (the Gmini will not delete the files on your CF card), you can simply pull the card out of the slot. You do not need to shut off the Gmini. If you click on PLAY on a JPEG file in the Browser, the Gmini will display information about the photo, such as resolution, number of colors and date.

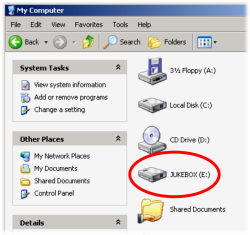
6 Connecting the Gmini to your Computer

6.1 Making the USB Connection

Always make sure your Gmini has a fully charged battery or use the power adapter to prevent the Gmini from shutting down during data transfers due to low power. (This could cause data loss and/or file corruption if not done.)

6.1.1 Windows Me/NT/2000/XP

- Plug the USB cable into your running computer.
- Turn on the Gmini – wait until it completely starts up and shows the main menu.
- Plug the other end of the USB cable into your now running Gmini.
- A new hard drive named "**Jukebox**" will appear on your computer.



Windows®

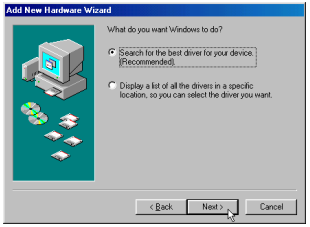
Macintosh®

- The displayed hard drive is the hard drive of your Gmini. You can now drag and drop any files you want, to or from the Gmini.
- Please also read the disconnection procedure in section 6.3 as disconnecting the cable at any time without warning the computer may cause data loss.

6.1.2 Windows® 98SE

Among the Windows® operating systems that are compatible with the Gmini, Windows® 98SE is the only one which requires drivers. Windows® 98SE does not have the Mass Storage Device Driver built in to it, like the newer versions of Windows®. When you first plug a Gmini into a computer running Window™ 98SE, it will recognize the hardware and ask you to install the drivers. Carefully follow the instructions below. After installation of the drivers, you will be able to drag and drops file between your computer and the Gmini using Windows® Explorer. Be careful also to understand the correct disconnection procedure in the next section. Incorrect disconnection can cause your computer to freeze or you may loose data.

1. Windows 98SE has recognized a new piece of hardware (the Gmini) and starts its wizard. Click on ***Next***.



2. Click on the radio button **Search for the best driver**. Open up the CD tray on your computer and insert the included Archos CD-ROM and then close the tray. Now click on ***Next***.

3. Uncheck all of the checked boxes, and then check the box **Specify a location**. Type in the drive letter of your CD player (usually D: or E:) followed by **Win98SE_Drivers**. Click on Next and Windows will then load the correct drivers.

4. Windows will now copy from the CD to your computer's hard drive, all the files it needs to make the USB connection operational. Click on Next to tell Windows to install the driver.

5. Windows will indicate when it has finished copying the drivers. Click on Finish. Do not unplug the Gmini from the computer yet.

Once finished, you should restart your computer. Upon restart, it will automatically recognize the connected device (the Gmini). It will be seen as another hard drive (called JUKEBOX) in Windows® Explorer.

6.2 Using the Gmini as an external drive

Getting your files from your computer to the Gmini is as easy as copy and paste. This is because the Gmini acts like a regular hard drive when connected to your computer. Simply connect your Gmini to your computer as explained previously and run Windows® Explorer (or use the Macintosh Finder™). Now, go to your computer's hard drive, and copy (Right mouse click, then select Copy) an mp3 file or a folder full of mp3 files. Next, open up the hard drive known as **Jukebox E:** on the PC or **Jukebox** on Macintosh®, open the folder you want to copy the files to, and then right-click the mouse and select Paste. If you have two windows open on the desktop, one being the source (your computer's hard drive) and the other your destination (the Gmini hard drive), you can simply drag and drop files or folders from your computer to your Gmini.

6.3 Disconnecting the Gmini from your Computer

WARNING: You must properly remove (unmount) your Gmini from the computer **before** disconnecting the USB cable to avoid loss of data or freezing the computer and/or the Gmini. **DO NOT SIMPLY PULL OUT THE USB CABLE!!!**

6.3.1 Windows®

To safely unmount the Gmini hard drive, click on the system tray remove icon (green arrow as shown below) and follow the instructions. Wait until you get a message saying that you can safely unplug the device before disconnecting the USB cable. **Attention**: The operating system will not allow you to safely disconnect the Gmini if you have an open file from it, in a running application. You will have to close all the open Gmini files in any running application as well as Windows Explorer® if you are using Windows® 2000 or XP. Using the green disconnect arrow icon in the system tray will then allow you to safely disconnect the USB cable from the Gmini.

1. The safe remove icon is in the system tray near the system clock.

Windows® XP

Windows® 98SE

Windows® 2000 & Windows® ME

2. Click on the icon to Eject (unmount) the Gmini from your computer and then select the 'Safely remove' message.

Windows® XP

Windows® 98SE

3. There will be a message indicating that it is now safe to disconnect the Gmini. You can now go ahead and unplug the USB cable from the Gmini.

Windows® XP

Windows® 98SE

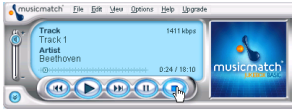
6.3.2 Macintosh®

First, close any programs that are using files from your Gmini. Drag the Gmini hard drive icon towards the trash can, and the trash can will become a big arrow as shown in the screen image. (Mac OS 9.x will still retain the trashcan icon. This is OK, don't worry.) Drop the hard drive icon onto the arrow (or trash can). The hard disk icon will disappear from the desktop. You can now safely unplug the USB cable from your Gmini and/or your computer.

7 Using MusicMatch™

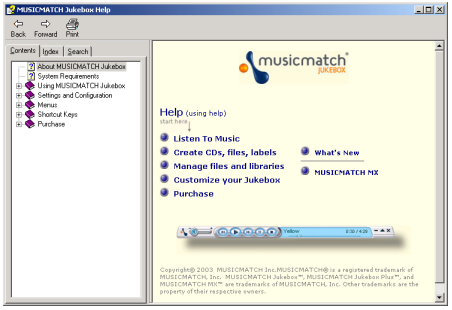
For people using Windows® operating systems, this software will help you to create MP3 files from your music CDs, add/change ID 3 tag information (Artist, Album, song Title), and update the ARCLibrary. To transfer MP3 files from your PC or Mac to your Gmini, we advise you to use your file management system (PC: Windows® Explorer, Macintosh®: Finder™).

7.1 Installing Music Match™



Installing Music Match™ software on your PC is quite simple. Just slip the included CD into your CR-ROM drive and the Autorun system will present you with a list of installation options. You can then install Music Match™ in the language of your choice. When installing MusicMatch™, it will ask you to enter a serial number. You will find the serial number printed on the paper pouch that the CD was packaged in. If for some reason the autorun does not present the menu when you place the CD into your computer, you can run the installation via the **mmsetup.exe** program in the folder MUSICMATCH. You will see a number of languages offered.

There is an extensive Help and Tutorial section in MusicMatch™ to show you how to use it. Just click on the **Help** button and select **MUSICMATCH Jukebox Help**.



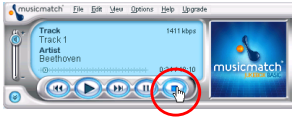
7.2 Creating MP3 files from your Audio CDs

Make sure you have already installed the MusicMatch™ program from the included CD-ROM.

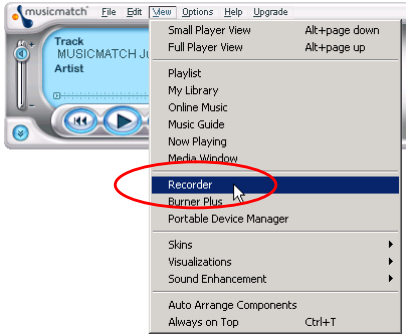
ENCODE First we have to get those CDs of yours into MP3 format. Regular CDs are in the format CDA (fancy term for **C**ompact **D**isc **A**udio). We'll just use MusicMatch™ and encode them into MP3 format.

a) Start MusicMatch™ by double-clicking on the icon.

b) Insert your music CD into your computer's CD drive. MusicMatch™ will start playing the CD. Click on the stop button to stop playing the CD.



c) Open up the recorder window by clicking on **View**, and then select **Record** as shown. The **Record** window will appear and you will see your CD tracks on the right of the window. If the CD is relatively new (last four years) it will probably already have the track title information included in the CD. If not, you will see the words **Track 1**, **Track 2**, etc.



d) In the recorder window, the tracks that will be recorded (turned into MP3 format) will have a check mark in front of the song. You can uncheck the tracks that you do not want to record. Now click on **Start**. MusicMatch™ will now encode the checked tracks into MP3 files. You will see the CD music tracks being encoded in real time. Notice in this screen capture that the first song is 50% encoded. Be patient as the encoding time can take a while.

LOCATE Now let's go get those MP3s so that we can transfer them over to the Jukebox. MusicMatch™ automatically puts them in the folder **My Music**. Start by double-clicking on **My Documents** and then open **My Music**. You will then find an Artist folder, and within it, your specific album.

TRANSFER Finally, transfer the files over to the Gmini as explained previously.

7.3 Getting purchased MP3 files to your Gmini

If you subscribe to a paid internet music service which allows you to download MP3 music files and you want to put them on your Gmini, you should do the following.

Start by downloading your music file to your folder **My Music** on your computer. You should use a clean file structure as described in section 4.3.1 of this manual. Next, connect your Gmini to your computer and then follow instructions in chapter 5.

Attention: Before subscribing to a paid music service, be careful to read the information on the music download web site to be sure that the file format is supported by the Gmini. Some websites may use special encription systems.

7.4 Transferring MP3 files from your computer to your Gmini

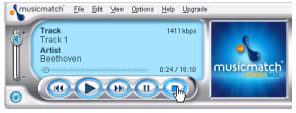
Attention: You should re-index the ARCLibrary system so that it can take into account newly transferred files. This is automatically done each time you select "Send to Portable device" in MusicMatch™ with the Gmini connected to your PC. MusicMatch™ will display a message "Activating Portable Device" while it is updating the ARCLibrary contents. If you transfer large amounts of files to your Gmini (tens of Gigabytes of data) the indexing will take about one minute for each gigabyte of music). If you do not update your ARCLibrary after transfering files to the Gmini, it will not be able to include these mp3 files in the ARCLibrary. You will have to play these files by browsing the Gmini's hard drive in the Browser mode .

The ARCLibrary and ID3 tags

MP3 and WMA music files have internal tags to hold information such as the Artist name, the genre of music, the Album, the name of the song, etc. For MP3 files, these are known as ID3 tags. Not all MP3 files have this information filled in. If you purchase a song from a music download service, the songs will have this information. If you create a recording from the built-in microphone for example, the Gmini will create an artist tag called *New Artist*, an album tag called *New Album*, and a song title called *REC0000*. You can add or change the contents of the ID3 tags with MusicMatch™. Go to your MusicMatch™ library and then right click on the song whose ID3 tags you want to change. Then select *Edit Track Tag(s).*

The ARCLibrary indexes your music by using the ID3 information in each song. Each time you add new music to your Gmini, you must refresh or update the internal library. That way, when you browse by Album, Artist, or song Title, it will take into account all the files on your Gmini. The fact that you add a music file to you Gmini doesn't change the contents of the ARCLibrary. You update the Gmini's ARCLibrary by first connecting it to your computer, and then secondly, running the program MusicMatch™ and selecting *File* then *Send to Portable Device*. This will open up the Portable Device Manager (PDM) Window. MusicMatch™ will see if a portable device (the Gmini) is connected, and then look at all the music files on the Gmini's hard drive, read their tags, and then refresh the Gmini's ARCLibrary. A message *"Activating portable device"* indicates that your computer is in the process of refreshing the ARCLibrary. This message will stop when it has finished rewriting the ARCLibrary on your Gmini. You can now close the PDM window and the MusicMatch™ program. Properly disconnect your Gmini (use the green arrow icon). Now when you use the ARCLibrary (by clicking on the Music icon), you will see that your new songs have been indexed and can be found by Artist, Album, or Title.

Creating and Using Playlists with MusicMatch™



You can use the included MusicMatch™ program to create Playlists that you can then save to your Gmini. **ATTENTION: Before creating a Playlist, make sure you are choosing mp3 files from your Gmini and not mp3 music files from your computer's hard disk!** If you created your Playlists from MP3 files that are on the Gmini, then you can simply transfer these Playlists to the Playlist folder on the Gmini. That is, the Gmini must have been connected to the computer and the files in your Playlist must be files that are on the Gmini's hard drive already. If you copy a Playlist which requests MP3 files from your computer's hard drive, **C:** for example, then the Gmini naturally will not have that file locally on its hard drive to play. Connect your Gmini to your computer and make your Playlists from files on the Gmini with MusicMatch™. Save your Playlist in MusicMatch™. Next, copy (or drag and drop) the .m3u Playlist file to your Gmini using Windows™ Explorer. You will find all your MusicMatch™ saved Playlists in the directory

C:\Program Files\MUSICMATCH\MUSICMATCH Jukebox\Playlist\Default

Copy the desired Playlist or Playlists from this directory to the Playlists folder on your Gmini. In MuiscMatch™, go to File > Send to portable Device, in order to update the ARCLibrary with the new playlists you have added to your Gmini. Properly disconnect the Gmini from your computer. Once the Gmini is disconnected, go to the Playlists folder and scroll down to the desired Playlist. You can then click on OK to load this Playlist.

8 Using iTunes® 4 with your Gmini

The easiest way to transfer music files between a Macintosh® computer and your Gmini is to use the Macintosh Finder™ to drag and drop the files to and from your Macintosh®.

However, for Macintosh users who do want to use the Gmini with iTunes™, ARCHOS has developed a special i-Tunes® plug-in. You will find it on the included CD-ROM in a folder called **iTunes plug-in**. In this folder you will find a plug-in for Mac OS 9.x and another folder for Mac OS 10.x. You will also find a JPEG image illustrating where you need to copy the plug-in to. Once this is done, iTunes™ will recognize the Gmini as a 'Device'.

To make your user experience simpler, please keep in mind the following.

1) When you create your Playlists with iTunes® (you can only create Playlists from songs that have been copied to your Gmini), your Macintosh® will save these Playlists to the root directory of your Gmini. It will not save them to the Gmini Playlists directory. It would be best to use the Gmini itself to make Playlists (section 5.1.3) and then save these Playlists in your Playlists folder.

2) When you drag and drop MP3 files from your iTunes™ library to your Gmini, the i-Tunes® program will look at the ID3 tag information (See section 7.4 of this manual for an explanation of ID3 tags) of the MP3 file, and create a folder on the root of your Gmini using the name of the Artist as the folder name. Then it will take the Album name ID3 tag, and create a subfolder with that album as its name. Finally, it will take the MP3 song itself and place it into that album subfolder. Thus, although it is a clean structure of Artists and albums, i-Tunes® does not follow the Gmini convention of placing the music into the **Music** folder first.

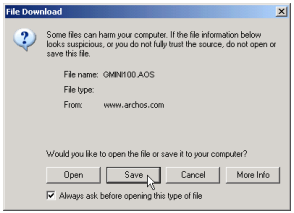
3) i-Tunes® does not write to the ARCLibrary when it transfers files to your Gmini. Thus, the ARCLibrary will not reflect the true number of songs on your Gmini. However you can still find and play your music via the Music Browser.

9 Updating your Gmini Operating System (OS) software

Archos regularly makes software updates (correction of bugs) and upgrades (additional functions and features) for its products. These are free of charge and downloadable from the Archos website. Simply go to our website **www.archos.com**, and in the **Software** section, locate your Gmini product and download the GMINI100.AOS file to your computer. Make sure you keep a safe copy of this file in case you need it again.

9.1.1 Downloading the GMINI100.AOS file

When you click on the link to download the new OS file (the file name is GMINI100.AOS), your



browser may warn you that the contents of the download looks suspicious and may harm your computer. This is because the Windows® system does not know what a .AOS file is. Be assured that Archos has made every effort to ensure that the file does not contain viruses. Click on the option **Save** to download this file to a convenient place, such as **My Documents**, in order to later copy this file to your Gmini. If your Gmini is connected to your PC while you are connected to the internet, you can even save it directly to the Gmini.

9.1.2 Read the History Text File

You will also find next to the firmware download, a text file (Gmini100_Firmware_History.txt) which details the list of changes from the previous version of the OS.

9.1.3 Copy to Gmini Root Directory

When updating your Operating System, you must keep the AC charger/adapter plugged into the Gmini so that it will not shut down due to low batteries while you are performing the update. Connect your Gmini to your computer (see chapter 4). Copy the GMINI100.AOS over to the Gmini's root directory. The root directory is the highest level on the directory structure of your Gmini. That means should not put the .AOS in any special folder on the Gmini. Thus when you look at your Gmini from your computer, you should see your Music folder, your Playlist folder, the others and the Gmini will automatically notice the existence of this new OS file, update the Gmini, and then restart with the new OS.

10 Troubleshooting

10.1 USB Connection issues

Problem: I cannot get my Gmini to be recognized by the computer.

Solutions:

- Shut off and reboot the computer and the Gmini and then try connecting again in the preferred order mentioned in section 4.1.
- Only if using Windows 98SE, you must first install the drivers from the included CD-ROM.
- If you installed the Windows 98SE driver on your Windows® XP, 2000, or ME edition, this could cause problems. Uninstall that driver and then reinstall the generic Windows® Mass Storage Device driver.
- If using a USB hub, try connecting without using the hub (some hubs are not powered and may not work with the Gmini).
- If using a USB port in the front of your computer, try a USB port in the back. Front USB ports are often from non-powered hubs.
- Do not connect to a USB port repeated through a keyboard.
- On older machines: The USB driver software on your computer may be out of date. Find your USB chipset type by going to My Computer > Properties > Device Driver > Universal Serial Bus (USB) Controllers > Host Controller. You may have a chipset VIA, Intel, SIS or another. It is possible that you do not have the latest software drivers for these chipsets. For VIA updates, check out www.viaarena.com. For Intel check out www.intel.com. For SIS, uninstall the driver and reinstall the Windows default USB controller drivers.
- On older machines: Make sure in your system BIOS the USB port is checked "ON" not "Off".
- On older machines: On Win98SE, if there is a line "lastdrive=" in the config.sys file, make sure that it is "lastdrive=z".
- If Macintosh OS 10.1.x says it cannot mount the volume, you can use Disk Utility to reformat the Gmini hard drive to the type MS DOS FAT32. However, files will only be readable from a Macintosh, not a Windows machine.
- Windows® XP and 2000: If the File Allocation Table (FAT) gets corrupted, the Gmini may not show up in Windows XP or 2000 for over one minute, and then it comes up as **local drive**. Use DOS Utility **ChkDsk** as shown below.

- Windows® XP may recognize the Gmini disk drive but yet not assign a drive letter. Right click on My Computer and select Management. Then select Disk management. Within this window you may see the hard drive and be able to assign a drive letter to it using the command Change drive letter and path.

Problem: What do I do if I try to disconnect via the green arrow but keep getting "The device 'Generic Volume' cannot be stopped now. Try stopping the device again later."

Answer: Shut off any program that might be accessing data on the Gmini, including Windows® Explorer. If this does not work, shut down all programs, wait 20 seconds, then try the green arrow again. If this does not work, you should shut down the computer and disconnect the USB cable once the computer is off.

Problem: When I plug the Gmini into my computer, I do not see a new hard drive icon on the screen.

Solution: Use the troubleshooting section **USB Connection Issues** above.

Problem: I have Windows® XP and a USB 2.0 port, yet my file transfer rates are very slow.

Solution: The original version of XP does not have native support for USB 2.0. You must update your Windows® XP to a minimum of SP1 (Service Pack 1) in order for it to transfer files at the full USB 2.0 port capacity.

Problem: The Gmini shuts off by itself.

Solution: This is normal. If you are not playing music or using it, it will automatically shut off based on the automatic power-off parameters in the Power submenu. Go to the menu [***Setup*** ➔ ***Power***] where you can adjust the **Power off** parameter.

Problem: The Gmini locks-up. None of the buttons react.

Solution: Did you set the Gmini to 'lock' mode? This is the mode that blocks the buttons from functioning so that you can put the Gmini in your pocket or backpack without worrying about buttons getting accidentally pressed. Hold down for three seconds on the Menu button to unlock all the buttons. The other possibility is an electrostatic phenomena. That is, static electricity has temporarily knocked out the Gmini. Hold down on the ON button for 15 seconds and the Gmini will shut off. Restart it normally now.

Problem: When I go to the Music icon in the main menu, I cannot see the mp3 files or albums that I just put into the Gmini.

Solution: The Gmini's ARCLibrary must be rewritten to the Gmini each time new music files are transferred to the device. You can refresh (update) the ARCLibrary by connecting your Gmini to the computer, starting up the program MusicMatch™, and then clicking on *Send to Portable Device* from the *File* menu. By doing this, MusicMatch™ will look at the contents of the Gmini hard drive and take into account any new files you have copied to it and then refresh the ARCLibrary on the Gmini accordingly. MusicMatch™ will tell you when the update process is complete. Properly disconnect your Gmini from computer. Your new files will now be visible in the ARCLibrary.

10.2 File issues, corrupted data, formatting, and partitioning

Problem: On the Gmini, I find new file names and folder names that I never created or they have strange gibberish names.
Answer: Most likely, the Gmini's file allocation table (FAT) has been corrupted. This could have been due to a shut down while the Gmini was connected to your computer. To fix a corrupted FAT problem, you should use the Error Checking utility or the Check Disk utility explained at the end of this section. Attention: Windows and Macintosh often write extra files to the hard drive such as **finder.def** or **System volume info**. These are normal and will not harm the Gmini.

Problem: I have been using my Gmini to transfer files back and forth between different computers. Will defragmenting the Gmini hard drive do any harm to it?
Answer: Defragmenting the Gmini hard drive may actually be useful after having transferred many files to and from the Gmini. It is never harmful to use the Windows® defragmenter utility on the Gmini. Make sure no other program is running while using the Windows® defragmenter utility. Make sure you power the Gmini with the external power adapter during this procedure.

Problem: I have copied files to my Gmini via USB from my computer, but now I cannot see these files on the device.
Answer: You have probably transferred a file which the Gmini cannot play, for example a PDF, MOV, or DOC file. Go to the **System** Settings under **Setup** on the main screen and you will find a parameter called **Show All Files**. If you set it to **On**, the Gmini will show all files, even if it cannot play the file (you must browse via the browser mode from the main menu screen). The browser will show a ? icon indicating that it is not one of the standard file types that it can play.

Problem: I want to reformat the hard drive of the Gmini.
Answer: You can do this, but it will erase ALL of the data on your Gmini. Sometimes this may be necessary if your FAT (File Allocation Table) becomes so corrupted that nothing seems to fix your file problems. First, as explained above, you should run ScanDisk, the Defragmenter, or the DOS chkdsk (Check Disk) program to try to fix your problem. Remember that you should create at a minimum, the root level directory **Music** in order for the Music icon to drop you into that directory. Note that Windows®XP and 2000 will, by default, format your Gmini hard drive in the NTFS file format. This will make the Gmini unusable. Make sure you tell it to format the hard drive in FAT32 format. Further, if the the hard drive is 40GB, XP can only format in FAT32 up to 32GB, thus, you will loose 8GB of storage space. You will need to use a third part software such as Paritition Magic™ or Norton Utilities™ to format the entire 40GB of hard drive space in the FAT32 format. Note: FAT is not the same thing as FAT32.

Problem: I would like to partition the Gmini hard drive.
Answer: If you know how to partition a hard drive, this is OK. The Gmini will, however, only recognize the FAT32 partition. Thus it will just see and use that partition of the hard drive. The size of that partition depends, of course, on what you set it to when you partition the hard drive.

Problem: My files have disappeared from the Gmini.
Answer: To see all your files, make sure the setting **Show all files** is set to **ON**. Also make sure that you browse your files via the **Browser** mode and not the filtered view **Music**.

10.2.1 Windows®98SE & ME Running Scan-Disk (Error Checking)

- Quit all running applications.
- Properly connect the Gmini to your computer as explained in chapter X.
- Make sure external AC adapter is powering the Gmini.
- Right click on the Gmini hard drive in Windows® Explorer and select Properties.
- Select the Tools option and run the Error checking program
- Make sure you check the box to **automatically fix errors**.
- Be patient, this may take a while. Windows® may ask you to restart the computer to make certain Windows files available. This is OK, click on **Yes**.

10.2.2 Windows®XP & 2000 Running Check Disk Utility (ChkDsk)

If you still have problems with the file system on your Gmini you can try to fix it using the DOS utility, check disk (chkdsk). Simply running the Windows® program Error Checking may not completely fix disk errors. Do the following;

- Make sure external AC adapter is powering the Gmini.
- Quit all running applications.
- Properly connect the Gmini to your computer as explained in chapter X.
- Wait patiently (up to 5 minutes) for Windows XP to show the **Jukebox** or **local drive** as mounted.
- Using the **Command Prompt** utility program, open a DOS window. Programs > Accessories > Command Prompt.
- At the prompt, type **chkdsk e: /f** . Use **e:** or the drive letter representing your Gmini.
- Be patient, this may take a while.
- When it is finished, exit the DOS Window and properly disconnect the Gmini from your computer.

11 Technical Specifications

ARCHOS Gmini 100 series	
Storage Capacity	Gmini 120: 20GB
Computer Interface	High Speed USB 2.0 (compatible USB 1.1)
Audio Playback	MP3 (Stereo, decoding 32-320 kb/s CBR & VBR), WMA, .wav (PCM)
Audio Recording	Stereo MP3 encoding 32-192kb/s CBR
Screen	128 x 64 pixel Black and White LCD, 5 lines of text & icon bar
Playback Autonomy	Up to 10 hours*
Scalability	Free Operating System updates downloadable from ARCHOS web site
Ports	CompactFlash™ type I and II slot Mini USB 2.0 (USB 1.1 compatible)
AV Connections	Archos multi-connect audio jack (audio line-in & SPDIF in) Line-out / Headphone
Power	Internal rechargable Lithium-Ion batteries. External charger/adapter
Physical Dimensions	113 x 78 x 26 mm (4.45” x 3.07” x 1.02”)
Weight	244 grams (8.61oz)
System Requirements	PC:Windows 98SE, ME, 2000, XP Pentium II 266MHz with 64MB ram Mac: OS 9.2 or greater & Mac 10.2.4 or greater USB Manager version 1.2 or higher

*Depending on usage (stop/start/writing)

12 Technical Support

- If technical support determines that your product needs to be returned, please contact the place of purchase to have your product repaired or replaced (depending on problem type). Customers who purchased directly from the Archos web site should fill out the form on the web site under Support : Product Returns : RMA Request form.
- There is a **FAQ** - Frequently Asked Questions section at the ARCHOS website which can help you solve your problems (www.archos.com)
- If you need live technical help, you may contact ARCHOS directly in your country's language via the below phone numbers. For other countries, please use e-mail technical support.

-------- Telephone Support --------

DO NOT USE PHONE SUPPORT FOR MARKETING AND SALES QUESTIONS. These numbers are to aid those who have technical difficulties / malfunctions.

949-609-1400	(USA, Canada)	09-1745-6224	(Spain)
01 70 20 00 30	(France)	02-4827-1143	(Italy)
0207-949-0115	(UK)	02-050-405-10	(Netherlands)
069-6698-4714	(Germany)		

-------- E-mail Support --------

tech-support.us@archos.com English (United States and Canada customers)
tech-support.eu@archos.com English or French (Europe and the rest of the planet)
tech-support.de@archos.com German (Germany)
tech-support.jp@archos.com Japanese (Japan)

To respond to your e-mails efficiently, when sending one, please indicate the product name and question type in the Subject of the e-mail.
For example:

To: tech-support.us@archos.com
Subject: Gmini – Playing a Playlist

Warranty and Limited Liability

This product is sold with a limited warranty and specific remedies are available to the original purchaser in the event the product fails to conform to the limited warranty. Manufacturer's liability may be further limited in accordance with its sales contract.
In general, the manufacturer shall not be responsible for product damages caused by natural disasters, fire, static discharge, misuse, abuse, neglect, improper handling or installation, unauthorized repair, alteration or accident. In no event shall the manufacturer be liable for loss of data stored on disk media.
MANUFACTURER SHALL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES. EVEN IF INFORMED OF THE POSSIBILITY THEREOF IN ADVANCE.

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In no event will ARCHOS's licensor(s), and their directors, officers, employees or agents (collectively ARCHOS' licensor) be liable to you for any consequential, incidental or indirect damages (including damages for loss of business profits, business interruption, loss of business information, and the like) arising out of the use of inability to use the licensed materials even if ARCHOS' licensor has been advised of the possibility of such damages. Because some jurisdiction do not allow the exclusion or limitation of liability for consequential or incidental damages, the above limitations may not apply to you.

Please see your sales contract for a complete statement of warranty rights, remedies and limitation of liability.
Furthermore, warranty does not apply to:

- **Damages or problems resulting from misuse, abuse, accident, alteration or incorrect electrical current or voltage.**
- **Any product tampered-with or damaged warranty seal or serial number label.**
- **Any product without a warranty or serial number label.**
- **Batteries and any consumable items delivered with or in the equipment.**

Warnings and Safety Instructions

CAUTION
To prevent risks of electric shock, this unit must only be opened by qualified service personnel.
Power off and disconnect the power supply cable before opening the unit.

WARNING
To prevent fire or shock hazard, do not expose the unit to rain or moisture.
Use of this product is for personal use only. Copying CDs or loading music, video, or picture files for sale or other business purposes is or may be a violation of copyright law. Copyrighted materials, works of art, and/or presentations may require authorization to be fully or partially recorded. Please be aware of all such applicable laws concerning the recording and use of such for your country and jurisdiction.

FCC Warning Statement

FCC Compliance

This equipment has been tested and found to comply with 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 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: During file transfer or in the PC mode, if the End User Terminal (EUT) or computer suddenly freezes or does not respond, it may be due to the electrostatic phenomenon. Please follow the procedures below to recover the operation:

Unplug the USB cable from the End User Terminal (EUT)

Close the software application in the computer (or re-boot the computer if necessary)

Re-connect the USB cable to the End User Terminal (EUT)

In case of Electrostatic Discharge, the Gmini may lose function. Just power off and on in order to restore.

CAUTION : Modifications not authorized by the manufacturer may void users authority to operate this device.

FCC Part 15 - Operation is subject to the following two conditions:

1. This device may not cause harmful interference;
2. This device must accept any interference received including interference that may cause undesired operation.

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