



# User Manual

Revision 1.11

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## AT A GLANCE

### **Now you have turned your iPhone/iPad into a superb recording device and jukebox!**

**EarGizmo** records, plays, sorts, and organizes your music files easily. With enhanced microphone control the recording quality is outstanding. Recordings are created instantly with a single tap of a button. The record file names are automatically generated with date and time stamp. **EarGizmo** is iTunes compatible for ease of downloading and saving recordings.

#### **Features**

- Create custom Playlists
- Listen to your music anywhere – offline and NO data streaming
- Make instant, crystal clear recordings
- Automatic file naming for recordings
- iTunes compatible for Library creation and saving your recordings for export
- Automatic or Manual Gain Control
- Peak and Average dB sound levels displayed
- iOS Control Center and Lock Screen Media Control display ID3 data
- NO In-App purchases or Ads

#### **Operations**

- Record Instantly
- Pause/Resume Recording
- Stop Recording/Playing
- Pause/Resume Playing
- Play from Library or Playlist

#### **Options**

- Internal Speaker – Forced On (default) or off for headphone use
- Microphone – Auto Gain (default) or off for manual mode
- Output Volume – Volume Level of 0.60 (default) or user settable
- Microphone Gain – 0.60 (default) or user settable when Microphone is in manual mode
- Playlist – Disabled (default) or Enabled to display Playlist
- Shuffle Playlist – Disabled (default) or Enabled to allow random selection of songs from the Playlist
- Clear Playlist – Disabled (default) or Enabled to delete all songs from the Playlist

## QUICK START

### MANAGING AUDIO FILES

1. Manage your **EarGizmo** Library:
  - To Add audio file to your **EarGizmo** Library:  
Download audio file from your iTunes Library.
  - To Delete audio file from your **EarGizmo** Library:  
Delete audio file from your iTunes Library. Your **EarGizmo** Library will update.
  - To Export audio file from your **EarGizmo** Library:  
Upload audio file to your iTunes Library. From there you may download to another device.
2. Manage your **EarGizmo** Playlist:
  - Verify that the **Playlist** switch is Enabled.
  - To Add audio file to your Playlist:  
Tap audio file in the **EarGizmo** Library. File will appear at the bottom of the Playlist.
  - To Delete audio file from your Playlist:  
Double tap the file to be deleted.  
File is highlighted Red. Tap file again to delete.  
To cancel delete when highlighted Red,  
Tap any other file in the Playlist or tap **Play** button.
  - To Delete all audio files from Playlist:  
Enable the **Clear Playlist** switch.

### PLAYING AUDIO FILES

1. To play from your **EarGizmo** Library:
  - Verify that the **Playlist** switch is Not Enabled.
  - To Play: Tap an audio file in your **EarGizmo** Library. File is highlighted Green and starts playing. Play will stop at end of audio file. File is highlighted Gray.
  - To Stop Playing:  
Tap **Stop** button or tap **Pause Play** button. File is highlighted Gray. When paused you may tap **Resume** button to continue playing or **Stop** button.

2. To play from your **EarGizmo** Playlist:

- Verify that the **Playlist** switch is Enabled.
- The top file is highlighted Gray. To play the list starting with the top file tap **Play** button. File is highlighted Green and starts playing. Each file on the Playlist plays sequentially. The Playlist plays continuously and wraps from the bottom file to the top file.
- To play the list starting with any other file, tap the file. The file is highlighted Gray. Tap the **Play** button. The file is highlighted Green and starts playing.
- To play the list in random order Enable the **Shuffle Playlist** switch.
- To Stop Playing:  
Tap **Stop** button or tap **Pause Play** button. The file is highlighted Gray. When paused you may tap **Resume** button to continue playing or **Stop** button.



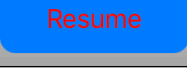



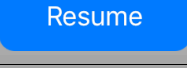

## **RECORDING AUDIO FILES**

Record instantly by tapping the **Record** button.

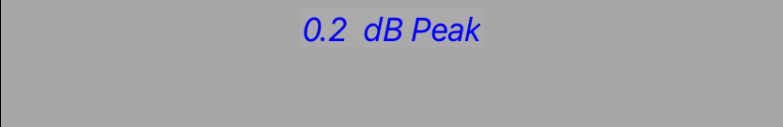


- Recording may be paused and resumed during the recording session by tapping **Pause Recording** and **Resume** buttons.
- When finished recording tap the **Stop** button. The file is saved automatically and is displayed at the top of the **EarGizmo** Library. The filename structure is EarGizmoDDMMYY\_hhmmssAA where DD=Day, MM=Month, YY=Year, hh=hour, mm=minute, ss=second, AA=AM or PM.
- Values for dB Peak and dB Average are displayed during the recording session.
- Prior to recording, the **Microphone** switch may be set to **Auto Gain** (default) or **Manual Mode**.  
When set to Manual Mode, the Microphone Gain Level can be adjusted from 0.00(min) to 1.00(max) using the **Microphone Gain** slider.

## CONTROLS






### BUTTONS

<b>Record</b>		<i>Starts recording and creates an audio file</i>
<b>Pause Record</b>		<i>Soft button - Pauses recording</i>
<b>Resume Record</b>		<i>Soft button - Resumes recording</i>
<b>Stop</b>		<ul style="list-style-type: none"> <li>• <i>Stops recording or playing of an audio file</i></li> <li>• <i>Clears Errors</i></li> </ul>
<b>Play</b>		<i>Plays the highlighted audio file</i>
<b>Pause Play</b>		<i>Soft button - Pauses the audio file being played</i>
<b>Resume</b>		<i>Soft button - Resumes play of paused audio file</i>
<b>HELP</b>		<i>Toggles display of User Guide</i>


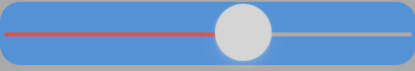
### METERS

<b>dB Peak</b>		<i>Displays the peak audio decibel level when recording or playing an audio file</i>
<b>dB Average</b>		<i>Displays the average audio decibel level when recording or playing an audio file</i>
<b>Elapsed Time</b>		<ul style="list-style-type: none"> <li>• <i>Displays the elapsed Time in seconds when recording or playing an audio file</i></li> <li>• <i>Displays the total Duration or length in seconds of the audio file being played</i></li> <li>• <i>Displays the play progress in seconds, highlighted red, of the audio file being played</i></li> </ul>

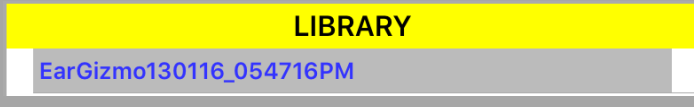

## SWITCHES

		<i>Left Position</i>	<i>Right Position</i>
<b>Internal Speaker</b>	Internal Speaker 	<ul style="list-style-type: none"> <li>For headphone use</li> <li>When headphones are not plugged in the internal speaker is used</li> <li>Must be selected before playing</li> </ul>	<ul style="list-style-type: none"> <li><b>Forced On</b> – Uses internal speakers only</li> <li>Also used with the optional <b>EarGizmo External Microphone</b> to further enhance recordings. See <a href="http://MADsgizmos.com/EarGizmo">MADsgizmos.com/EarGizmo</a></li> </ul> <p style="text-align: center;"><i>- Default Setting -</i></p>
<b>Microphone</b>	Microphone 	<i>Manual Mode:</i> Microphone Gain slider can be used to set gain level	<b>Auto Gain</b> – Automatic control of the microphone gain by iOS <p style="text-align: center;"><i>- Default Setting -</i></p>
<b>Playlist</b>	Playlist 	Audio file Playlist is not displayed <p style="text-align: center;"><i>- Default Setting -</i></p>	<b>Enable</b> – Enables and displays audio file Playlist
<b>Shuffle Playlist</b>	Shuffle Playlist 	Off <p style="text-align: center;"><i>- Default Setting -</i></p>	<b>Enable</b> – Enables random selection of Playlist files
<b>Clear Playlist</b>	Clear Playlist 	Off <p style="text-align: center;"><i>- Default Setting -</i></p>	<b>Enable</b> - Clears all audio files from the Playlist

## SLIDERS

<b>Output Volume</b>	Level: 0.60  Output Volume	Displays Output Volume <b>Level</b> . Volume may be reset at any time. Range 0.00 (min) – 1.00 (max) <p style="text-align: center;"><i>Default Level is 0.60</i></p>
<b>Microphone Gain</b>	Level: 0.60  Microphone Gain	Displays Microphone Gain <b>Level</b> . Prior to recording Gain may be reset when Microphone switch is set to Manual Mode. Range 0.00 (min) – 1.00 (max) <p style="text-align: center;"><i>Default Level is 0.60</i></p>

## LISTS

<b>Library</b>		Displays a list of all audio files in the Library when there is at least one audio file in the Library
<b>Playlist</b>		Displays a list of all audio files selected for automatic play when the <b>Playlist</b> switch is Enabled

# TROUBLESHOOTING

## COMMON PROBLEMS

**Problem:** Can't hear anything when playing

**Solution:**

1. Check iPad/iPhone to verify that the volume level is set to max volume.
2. Check that the **EarGizmo** Output Volume Level is greater than zero.

**Problem:** Having trouble selecting files for my Playlist

**Solution:**

1. Verify that the Playlist Enable Switch is ON
2. A file must not be playing (Pause Play button would be visible). Tap Stop button.
3. Tap a file from your Library so that it is highlighted Gray. The file will appear at the bottom of your Playlist.

**Problem:** Don't know how to use iTunes

**Solution:** Download the iTunes App, open it, click on "Help" on the Menu Bar at the top of your screen and select iTunes Help. It explains how to build your iTunes Library and how to download it to other devices.

## ERROR MESSAGES

### 1. LIBRARY NOT FOUND LOAD LIBRARY



These error messages appear when **EarGizmo** is opened and you have not created your **EarGizmo** Library yet. To resolve these errors, first tap the **Stop** button to clear the error messages. Then you have 2 choices:

- a. Create your **EarGizmo** Library by downloading files from your iTunes Library.
- b. Create a recording by tapping the **Record** button. Tap **Stop** button. Your recording is now displayed as the first file in your **EarGizmo** Library.

## 2. RECORD ERROR

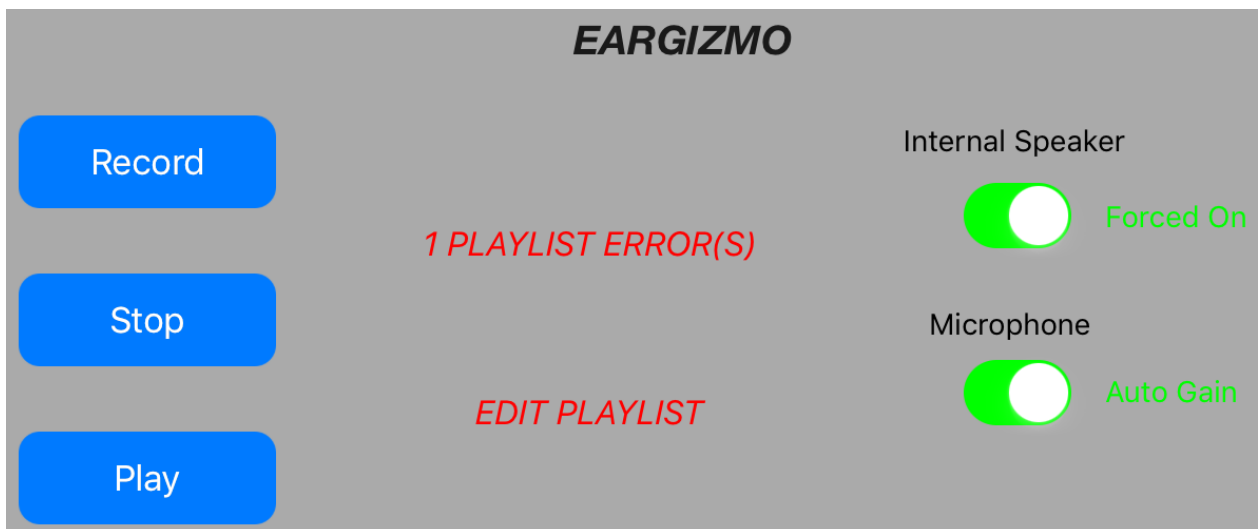
**MICROPHONE ERROR  
ENABLE MICROPHONE**



These error messages are displayed when you try to Record and your device microphone is disabled. To resolve these errors, first tap the **Stop** button to clear the error messages. Then go to your device Settings and enable the microphone.

## 3. # PLAYLIST ERROR(S) where # is the number of errors

**EDIT PLAYLIST**





These error messages are displayed when you open **EarGizmo** and there are 1 or more files in your Playlist that are not in your **EarGizmo** Library. This happens when you delete a file listed in your Playlist from your iTunes Library. To resolve these errors, first tap the **Stop** button to clear the error messages. Then you have 3 choices:

- a. Resolve the errors by manually comparing your Playlist to your **EarGizmo** Library and finding the Playlist file(s) that are not in your Library. Then delete the Playlist file(s) by double tapping each file to be deleted. File is highlighted Red. Tap file again to delete.  
To cancel delete when highlighted Red,  
Tap any other file in the Playlist or tap **Play** button.
  
- b. Resolve the errors by letting EarGizmo find the Playlist file(s) that are not in your Library. Do this by playing your Playlist and fast forward through each file until play stops. You have found the bogus Playlist file. It will be highlighted green. Then these error messages are displayed:

***PLAYLIST ERROR  
DELETE FILE***

Tap the **Stop** button and delete the Playlist file by double tapping the file to be deleted. File is highlighted Red. Tap file again to delete.

To cancel delete when highlighted Red,  
Tap any other file in the Playlist or tap **Play** button.

- c. Resolve the errors by finding the Playlist file(s) that are not in your Library as described in a or b above. Then use iTunes to add the file(s) back to your iTunes Library and **EarGizmo** Library.