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## MIDI Made Music for Windows

LLERRAH Inc.'s **MIDI Made Music for Windows** is a full featured jukebox player for use on your Windows 3.1, Windows 95, or Windows NT 4.0 PC and the Internet.

Special features include:

- Plays [MIDI](#), Wave, [Microsoft Video](#), [Apple Quicktime Video](#), [MPEG Video](#), MPEG Audio, AU, SND, AIFF and [CD-Audio](#) formats
- [Add up to 10,000](#) of your own selections to the Jukebox
- Supports queueing of multimedia files
- [Load multimedia files](#) off the Internet into the Jukebox database
- Create song, CD-audio and video clips using [custom edit feature](#)
- Assign your [own editors](#) in the Jukebox for Music and Video files
- [Random](#) and [Repeat](#) play
- Create [personal play lists](#) of your favorite selections
- Windows 95 Long Filename Support
- Search database function
- Playlist Editor for all multimedia file types
- Speed up or slow down songs and videos by changing Tempo
- Customize [animation](#) settings for the Jukebox

**LLERRAH Inc.** develops Windows based Multimedia software and custom MIDI songs to meet individual, business, and educational needs. For more information contact:

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## **File Menu**

The File menu includes commands that enable you to load multimedia files to the Playlist or save files in the Playlist.

For more information, select the File menu command name.

[Load to Play List](#)

[Edit and Save Play List](#)

[Exit](#)

## Options Menu

For more information, select the Options menu command name.

[Add, Delete, Copy, Move Groups](#)

[Find Selection](#)

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### **Advanced Options:**

[Use Simple Time Bar](#)

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[Register File Types to Use Jukebox](#)

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## Modify Menu

The Modify menu includes commands that enable you to modify group names, selection information, and your Multimedia configuration.

For more information, select the Modify menu command name.

[Name of Current Group](#)  
[Selection 1 to 10](#)

The following are only available in Windows 3.1:

[Microsoft MIDI Mapper](#)  
[Multimedia Drivers](#)  
[System Sounds](#)

The following are only available in Windows 95 or NT 4.0:

[Multimedia Properties](#)  
[Volume Control](#)

## MIDI Devices Menu

Select **MIDI Devices** from the menu to get a list of all MIDI devices currently installed on your PC. You should always use the default, **MIDI Mapper**, when playing any of the MIDI Made Music songs. Other MIDI devices listed are primarily intended for use when playing songs not designed for Windows. You can play **MIDI Made Music** songs using the other MIDI devices but they may not produce the intended sound.

For best results, use the MIDI Mapper. See the section on [Microsoft MIDI Mapper](#) for more information.

## CD Audio Menu

If you have a CD-ROM drive on your computer, the **MIDI Made Music Jukebox** player can play music tracks from your audio CDs. First, insert your audio CD into your CD-ROM player. Next, select **CD-Audio** from the main menu and pick either **Play All Tracks (F3)** or **Select Tracks to Play (F4)**. **Select Tracks to Play** allows you to pick the individual CD tracks you wish to be added to the Playlist. While the CD track is playing, you can use the Time Scroll bar to move forward or backward within the CD track.

**\*\*You CANNOT change the tempo of a CD audio track.\*\***

NOTE: You must have previously installed the Windows CD-Audio drivers from your Windows diskettes in order to play CD music.

**Attention Windows 95 Users:** You can configure Windows 95 CD-Audio to **AUTOMATICALLY** play your audio CDs using the MIDI Made Jukebox by doing the following steps:

**From the Jukebox menu select: Options - Advanced Options - Register File Types to use Jukebox - CD Audio to use Jukebox**

Now insert an Audio CD into your computer CD player. The Jukebox should automatically add the CD tracks to the Playlist and start playing the selections if you are running Windows 95.

## **Setting up the Sound Board or MIDI device**

If you have not already done so, you need to install the Windows 3.1 Multimedia Extensions drivers for your sound Board or MIDI device. Drivers and installation instructions are provided by the manufacturer of your sound board or MIDI device. On most sound boards, the installation program configures everything needed to run MIDI Made Music for Windows without modification. If you have any problems with the operation of your sound board, be sure to check to see if you have the latest drivers from your board manufacturer.

Refer to the [Microsoft MIDI Mapper](#) section if you have problems or questions on the operation of your Sound Board with MIDI Made Music.



## **MIDI File Information**

All of the MIDI song files contained in MIDI Made Music for Windows were authored to Microsoft Windows 3.1 Multimedia Extensions guidelines. These guidelines call for two performances of each song to be included in a MIDI file. One performance for higher end sound boards and keyboards (MIDI channels 1 through 10) and one performance for lower end sound boards (MIDI channels 13 through 16). This enables the same MIDI file to be played on a wide variety of sound boards and MIDI devices without being modified. Most sound board installation programs configure Windows for either high end or low end operation.

## **Just What is MIDI**

**MIDI** is the acronym for **Musical Instrument Digital Interface**. MIDI was developed in 1982 and has become the international standard for digital music. MIDI defines a communications protocol and the hardware interface required to connect different types of musical instruments together.

**MIDI** enables synthesizers, sequencers, home computers, rhythm machines, etc...to be interconnected through a standard interface. Microsoft Windows 3.1, Windows 95 and Windows NT provide standard support for **MIDI** capable instruments and hardware.

## Creating Song and Video Clips using Custom Edit

MIDI Made Jukebox gives you the capability to easily create your own custom song and video clips. Song clips are created by modifying existing songs to change start and stop times as well as tempo. For example, you could create a 10 second clip of Scott Joplin's "Maple Leaf Rag" by specifying that only the first 10 seconds of the song play. Whenever you play this new song clip you will hear only the first 10 seconds of Maple Leaf Rag.

When creating a song clip, it is recommended that you first add a new song to the Jukebox. Since the song clip is a new version of an existing song, it should be treated as a whole new song.

To create a custom song clip, select **Modify - Number of selection to modify** from the menu or click the **Right Mouse Button** on the desired selection icon. If no file has been specified, then select a song using the **Browse** button. Next, select the **Custom Edit** button which brings up the custom edit display.

The Custom Edit display has sliding controls to allow you to specify new start and end times as well as a new tempo. To specify a new start or stop time, use your mouse to move the sliding controls to the desired times. The tempo is changed in the same way by using your mouse to slide the tempo control to the desired tempo value.

If custom editing a Video clip, you can specify a start and stop time, the playback tempo and the size and location to playback the video. Use your mouse to position the video playback windows to the desired size and location on your screen.

**MIDI Made Music Jukebox** Player will not use the your custom edit song modifications unless you activate them by selecting the **Activate User-defined Start and Stop Times**, the **Activate User-Defined MIDI Tempo Settings** or the **Activate User Defined Video Settings**.


Use the **Defaults** button to reset start and stop times, tempo values, and video settings back to their original values. Select the **OK** button once you have finished customizing the song.

For detailed steps, see [Example of Creating a Song Clip](#)

## **Glossary**

[clipboard](#)

## Loading Media Files and Play Lists

To load one of your **Personal Play Lists** or a MIDI,Wave,Microsoft Video or Apple Quicktime Video file, select **File-Load to Play List** from the menu or select the  button in the upper right hand corner of the main screen. Select any of the files ending in .MMJ to load and choose OK. The list of selections in the .MMJ file will be added to the **PLAYLIST**. You can load any other multimedia file types to the playlist as well.

## **Edit and Save Play List**

**Play Lists** are collections of your favorite MIDI, Wave, Audio, Videos or CD-Audio selections. You can Edit and Save Play Lists to files for later playing. Edit and save a Playlist by doing the following steps:

1. Add selections to the PLAYLIST then select **File-Edit and Save Playlist**. While in the Playlist editor you can add additional selections, changes selection names and icons, and re-order the playing.
2. Save your Play List by clicking the SAVE button. The saved playlist will be a file ending in a .MMJ extension.

## **Exit Command**

When the Exit command is selected, **MIDI Made Music Jukebox** player stops playing the current selection and ends the program. If any changes have been made, then you will be prompted to save them.

## Random Play

**Random** play does just what the name implies, it randomly plays selections from the **MIDI Made Music Jukebox** player. Random play is activated by selecting menu commands, **Options - Random Play**, or by pressing the **F9** key. When active, [Random] appears in the Title bar.

**Note:** Random play only works if there are NO selections in the PLAYLIST. That is, after all selections in the list have finished, then Random play begins.



## **Repeat Play**

**Repeat** play also does just what the name implies, it repeatedly plays all the selections currently in the PLAYLIST. Repeat play is activated by either selecting it from menu **Options - Repeat Play** or by pressing the **F10** key. When active, [Repeat] appears in the Title bar. For example, if two songs are in the PLAYLIST, then those same two songs will play over and over again.

## **Add, Delete, Copy, Move Groups**

**MIDI Made Music Jukebox** player supports up to 1000 selection groups. Each group contains 10 selections for a total of 10,000 selections. You can add groups to the **MIDI Made Music Jukebox** player in order to save your own multimedia files or playlists. By using the Cut, Copy, Paste keys, you can re-order the groups.

## Drag and Drop New Selections

Windows File Manager or Windows 95 My Computer can be used to easily add new selections to the Jukebox and Playlist. From the menu, select **Options - Drag and Drop New Selections** which will bring up the Drag and Drop Options. You can select to add Drag and Drop files to either the Jukebox, Playlist or both.

Example: To add a MIDI to the **MIDI Made Music Jukebox** player, do the following:

- 1) Bring up Windows File Manager or Windows 95 My Computer.
- 2) Locate a MIDI file (\*.MID,\*.RMI).
- 3) Move your mouse pointer over the file and hold down the left mouse button.
- 4) While holding down the mouse button, drag the mouse pointer over to the **MIDI Made Music Jukebox Player** and drop the file. That's It!

## Animation

The **MIDI Made Music Jukebox** player allows customization of the two animation display areas. To modify Animation settings, select **Options - Animation** from the menu or press your Right Mouse button over one of the animation areas.

By default the current 10 selection ICONS float over the Treble Clefs. If you click your left mouse button on one of the moving ICONS, then you will see the ICON change as well as hear a sound. **MIDI Made Music Jukebox** player allows you to change mouse click actions, the number of ICONS displayed, the animation background and even create a moving background.

Have fun playing with the animation options!

## Specify Editors

You can define your own multimedia editors that can be called by clicking the "**User Defined Edit**" button located on the [Modify Selection screen](#).

This feature allows you to easily edit selections in the jukebox database using your favorite MIDI, Wave or Video editor.

An example of an editor would be the Microsoft Sound Recorder "SOUNDREC.EXE" to edit \*.WAV files for Windows 3.1 users. Windows 95 users would use "SNDREC32.EXE".

## **Regular Time Bar**

If checked, the non-ICON version of Time bar will be displayed.

If not checked, the ICON version of the TIME bar will be displayed.

## Hide Jukebox Menu

This option **hides** the Jukebox menu from display.

You can **restore** the Jukebox menu by double-clicking on the top Title bar or by clicking on the top left hand corner of the Jukebox and selecting the Hide Menu option.

## **Modify Name of Current Group**

Modify the name used to describe the currently displayed group of 10 selections.



## Copy Selection to Jukebox

This feature allows you to copy the MIDI, Wave or Video selectiona to the Jukebox database.

New selections will be added to the current group of 10 selections if space is available. If all 10 selections are used then a new group will be created.

Example Use: If you have downloaded a new Jazz MIDI file from the Internet and would like to add it to the Jukebox. Next if the song is in the Playlist then highlight it and click the Copy button. You can also press the F5 key to copy the song currently playing. You can then optionally enter information about the MIDI file like song name or change the icon. The MIDI file will be copied to the directory of your choice.

### The Copy Selection to Jukebox operates as follows:

1. Select Group to copy selection to or Add a new group.
2. Add or change **Selection Title**
3. Optionally pick a different ICON that will be associated with the selection by choosing the **ICON** button.
4. Enter the **Destination Filename** or pick **Browse** to select the directory to save the file.  
NOTE: The directory must already exist.
5. Optionally enter information about the selection.
6. Click the **OK** key to add the new selection. Click **Cancel** to abort adding the new selection.

## Modify Selection Information

The Selection Information can be added or modified as follows:

- 1) Modify **Selection Title**
- 2) Enter the **Filename** or pick **Browse** to locate a .MID, .WAV, .AVI or .MOV file type.
- 3) Optionally pick an ICON that will be associated with the selection by choosing the **ICON** button.
- 4) Optionally enter information about the selection.
- 5) Optionally perform a [Custom Edit](#) on a MIDI(.MID,.RMI), Wave(.WAV), Microsoft Video (.AVI) or Apple Quicktime Video (.MOV) file to modify playing times, tempo or video playback location.
- 6) Optionally perform a [User Defined Edit](#) to call one of your own Multimedia editors.

The **DELETE** button will remove the selection reference from the jukebox but WILL NOT delete the actual selection file.

The **Next Selection** button will save the current settings and take you to the next selection in the current group.

## **Modify Multimedia Drivers**

This option will bring up the **Windows Drivers** control panel which is used to install, remove, and configure drivers that control additional devices, such as sound cards and video players.

## **Multimedia Properties**

This option will bring up the **Windows 95 Multimedia Properties** program which allows you to adjust MIDI, Audio, Video and CD-ROM settings for Windows 95.

## **Volume Control**

This option will bring up the **Windows 95 Volume Control** application that will allow you to adjust volume for MIDI, Wave and CD-Audio.

## **Delete Playing Selection File**

If a media selection is currently playing, this option will prompt you to delete the file associated with the selection.

## **Find Selection**

Allows you to search the jukebox database to locate any multimedia selections. Find will search the following fields: Selection Title, filename, and selection information.

## **Register File Types to Use Jukebox**

This option allows you to register multimedia file types to use the Jukebox whenever they are opened. For example if you register MIDI files to use the Jukebox, then if you are in the File Manager displaying a directory of MIDI files, just double-click your mouse on a MIDI file to have it load into the Jukebox.



## **Enable Low Resource Mode**

***This option is recommended for use only on Pentium computers.***

When this option is selected, the jukebox will reduce the use of Windows resources on your PC. This is done by displaying ICONS in a different manner which is slightly slower but consumes less Windows resources.

## **Enable ability to delete files from Playlist**

When this option is enabled, the Delete button for the main Jukebox screen or playlist editor will display a prompt asking the user if they want to delete the file associated with this selection.

The default (unchecked) action of the delete key is to remove the entry from the Jukebox but NOT delete the file.

## Modify System Sounds

This option will bring up **Windows System Sounds** control panel which is used to assign sounds to different system and application events. For example, you can select a sound to play whenever you start Windows. The sounds you can assign are stored in files that have the .WAV extension.

## **Modify Color Scheme Used**

The **MIDI Made Music Jukebox** player provides 3 pre-defined color schemes to select from. You may also select Windows defaults to use your own color scheme.

## Playing Controls

The following lists a summary of the playing controls available on the **MIDI Made Music Jukebox** player main screen. Short-cut keys are listed in parenthesis( ).

To modify a selection, click your **right** mouse button on top of the selection ICON.



**Play All** (A) Add current group of 10 selections to the Playlist



**Load to Playlist** Select media files to load to Playlist.



**Edit and Save Playlist** Modify playlist before saving.



**Next** (N) Play next selection in Playlist or play highlighted selection



**Delete** (D) Delete the next or highlighted selection in the Playlist



**Clear**(C) Clear all selections in Playlist



**Edit**(E) Edit the next or highlighted selection in the Playlist



**Modify**(M) Modify the next or highlighted selection in the Playlist



**Loop**(L) Loop the playing of the current selection



**Copy**(Y) Copy the next or highlighted selection in the Playlist to the Jukebox



**Pause** (P) Pause the playing of the current selection.



**Rewind**(R) Rewind the playing of the currently selection



**Stop** (S) Stop the playing of the current selection



**Play** (S) Start playing the next selection from the Playlist.

**1 to 10** (Use 0 for 10) Add Jukebox selections to the Playlist.

**Change Time** (T) Use mouse or arrow keys to change the current position.

**Change Tempo** (O) Use mouse or arrow keys to change the current tempo of the MIDI song or Video playing. **Note:** You cannot change the Tempo of .WAV files or CD-Audio track.

**F2- Repeat Last** Move last played selection to Playlist.

**F3 - All CD Tracks** Add all CD Tracks to the Playlist.

**F4 - Select CD Tracks** Select which CD tracks to add to the Playlist.

**F5 - Edit Groups** Add, Delete, Copy, Move Groups.

**F6 - Find Selection** Search the Jukebox ( **Ctrl - F** )

**F7 - Previous Group** Change to the previous group of selections

**F8 - Next Group** Change to the next group of selections

**F9 - Random Play** Randomly play all selections in the jukebox.

**F10 - Repeat Play** Play all selections in the Playlist over and over again.

## Information on Microsoft's MIDI Mapper

Microsoft's MIDI Mapper is a software device built into Windows 3.1 and above that provides means for device-independent playing of MIDI music. This allows MIDI music to produce its intended sound when played through different types of sound boards, keyboards, and other musical instruments. All of the MIDI songs in **MIDI Made Music** were designed to play through the MIDI Mapper.

Luckily, you do not need to understand the MIDI Mapper to be able to use it. Most sound boards correctly configure the MIDI Mapper when you install the Windows 3.1 Multimedia Extensions drivers for that sound board.

Generally, you should never have to edit any parameters in the MIDI Mapper unless you have an external keyboard connected to a MIDI port on your PC. You will have to contact your keyboard manufacturer to get instructions on how to modify the MIDI Mapper to work correctly with your keyboard.

If you do edit parameters in the MIDI Mapper, then it is best to make a backup copy of the MIDIMAP.CFG file located in your WINDOWS\SYSTEM directory. In case you incorrectly configure the MIDI Mapper, the backup will provide a way to restore the original values.

To start the MIDI Mapper select **Modify - Microsoft MIDI Mapper** from the Jukebox menu.

One point to remember when working with the MIDI Mapper is that all **MIDI Made Music** songs contain two performances of the same song in one file. You will need to have either channels 1 through 10 active for extended level synthesizers or channels 13 through 16 active for base level synthesizers. You do not want to have all channels active when playing **MIDI Made Music**, this might result in a less than desirable sound.

## Example of Creating a Song Clip

The following shows the steps needed to create and add a custom song clip to the **MIDI Made Music Jukebox** player. This example will perform a custom edit on Scott Joplin's "Maple Leaf Rag."

1. First add a new group of 10 selections to the Jukebox by selecting **Options - Create New Group of 10 Selections** from the menu.
2. Next select **Modify - MIDI Selection 1** from the Menu to add a new song.
3. Use the **Browse** button to locate the song we want to customize. The Maple Leaf Rag MIDI file is named MAPLE.MID. Give the song a title if you wish. In this example we will call our new song "Maple Leaf Rag Clip."
4. Select the **Custom Edit** button to make the song modifications.
5. Use your mouse or keyboard to set a new start time of 35.64 and a new stop time of 49.43. These times determine where the new song clip should start and stop.
6. Use your mouse or keyboard to set a new tempo value of 270. This will speed up the playing of the Maple Leaf Rag Clip and make it sound more lively.
7. Select **Activate User-Defined Start and Stop Times** and select the **Activate User-Defined Tempo Setting**. Select **OK** to save your custom edit song settings.
8. The new values for start and stop times and tempo will be displayed next to the Custom Edit button on the Modify Information display. This informs you which custom settings the song will be using.
9. Select the OK button to add your song clip to the **MIDI Made Music Jukebox** player.
10. You are finally ready to play your new song clip by simply selecting the new selection's ICON button on the main **MIDI Made Music Jukebox** player display. Upon exiting the **MIDI Made Music Jukebox** player be sure to save your changes in order to keep your new song clip.



## Adding Selections to the Jukebox

You can add your own selections to the **MIDI Made Music Jukebox** player with a few simple steps. From the menu select **Modify - Number of selection to modify** or click your right mouse button on the selection ICON. You will be prompted to enter a Selection Title, pick an ICON, and enter the full path name of the MIDI, Wave, Microsoft Video or Apple Quicktime Video file. You can optionally fill in the selection information field as well as performing a [Custom Edit](#) of the selection

To add or change the selection filename, you will need to select the **Browse** button. This will bring up a window that will allow you to locate a MIDI, Wave, Microsoft Video or Apple Quicktime Video file to be added to the Jukebox. After you have entered a valid file name and Title then select OK to update the Jukebox. Be aware that the changes made are not permanent unless you save changes when you exit **MIDI Made Music Jukebox** player.

You can also add selections to the Jukebox database using [Drag and Drop](#) or [the copy selection](#) feature.

## **Locations to Obtain Video Drivers**

Playing Microsoft Video, Apple Quicktime Video or MPEG video files requires that you install special software drivers. These drivers are available from the MIDI Made Music Internet WEB page located at the following address:

**<http://www.dfw.net/~llerrah>**

## Deleting Selections from the Jukebox

To delete a selection from the **MIDI Made Music Jukebox** player, select from the menu **Modify - Selection number** to delete. Select **Delete** to delete all the text associated with the selection. Then select **OK** which will delete the reference to the selection.

## **Last Played**

Displays list of 20 selections last or most recently played. Use your mouse or keyboard to select one of the selections in the list which will then be added to the Playlist.

NOTE: If the Jukebox is setup for Repeat play then no selections will be added to the Last Played menu. They will automatically be re-added to the Playlist.

**Thanks to the Harrell Team:**

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**Topic**

End of the Help File



## Windows Keys



## Cursor Movement Keys

## **Dialog Box Keys**

## **Editing Keys**

## Help Keys

## Menu Keys

## System Keys

## **Text Selection Keys**

## Window Keys





## Clipboard



