

# **JamLab** User Guide

English

Congratulations on your purchase of JamLab. This document explains the JamLab's control panel as well as the basics of GT Player Express. It also explains how to use the M-Audio ProSessions drum loops and MP3 songs with GT Player Express.

A GT Player Express guide document is also included on the JamLab CD. For more detailed information on GT Player Express, please read this document.

## **Control Panel**

In Mac OS X, go to your System Preferences and double-click on the JamLab icon.



In Windows XP, go to your Control Panels and double-click on the JamLab icon.



This will bring up the JamLab Control Panel.

00		M–Audio Ja	amLab			$\bigcirc$
Show All Dis	plays Sound Ne	twork Startup Disk				
	Input Gain	Output Levels	Performance	About		
	1 1	1 1 1	E E	, <b>Q</b> ,	T	1
	0					10
A	device is conne	cted. Settings wil	l be applied to i	t immediat	ely.	

**The Input Gain** tab allows you to boost the input signal from your guitar to the computer. If you're using a guitar with single coil pickups, you'll want this setting to be close to 10. If you're using a guitar with humbucking pickups or active pickups, you'll want this setting to be closer to 0. Setting the level all the way to 0 will mute the guitar input.

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	Input	Gain	Out	put Le	vels	Perfor	mance	Ab	out	}	
		_	_	_				_	_		_
🗌 Mute	T	1	1	1	T.	T	T	Т	1	$\checkmark$	10

The Output Levels tab allows you to control the overall output level of the JamLab. If you're hooking the JamLab up to headphones or powered speakers WITHOUT a volume knob, you'll want this setting to be closer to 0. Start low, and then turn up the output volume until you find the right level for your headphones or speakers. The Link button allows you to control the output level of the left and right signals at the same time. If you click on the Link button, the check mark will go away and you can control the left and right volume separately. Clicking on the Link button again will re-link the left and right volume faders. Clicking the Mute button basically turns the output of the JamLab off.

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Show All	Displays Sound Network Startup Disk	
	Input Gain Output Levels Performance About	
	Sample Bit Depth	
	○ 16 • 24	
	A device is connected. Settings will be applied to it immediately.	

**The Performance** tab allows you to set the bit-depth of JamLab. The default setting is 24-bit, however 16-bit is available should you need to use JamLab with an application that does not support 24-bit operation.

## **M-AUDIO**

0 0	M-Audio JamLab	$\bigcirc$
Show All Displays Se	Network Startup Disk	
Inp	It Gain Output Levels Performance About	
Versions	check for driver updates	
panel: 1.0 audio: 1.6 firmware: 0.010	M–AUDIO, the M–AUDIO logo, JamLab, and the JamLab logo are trademarks of M–Audio, an Avid Technology, Inc. company. JamLab software © 2005 M–Audio, All Rights Reserved.	
A device	is connected. Settings will be applied to it immediately.	

**The About** tab contains useful information about your JamLab. Should you ever need to call M-Audio tech support for help with your JamLab, the information on this screen will be asked for. This tab also has a "Check for driver updates" link. If your computer is connected to the Internet, clicking this link will search the M-Audio website for an updated JamLab driver.

## Playing with the effects

Launch the GT Player Express application.



First, click on the Options key (4) located on the right side of the effect rack. A drop-down list will appear. Click on Preferences.



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Click on the Audio tab and adjust the settings so that they match the screen shots below for Mac OS X or Windows XP. Then click Close on the Mac or OK on Windows.

nput: Device:	JamLab		•
Format:	2 chan. 24 bit	44100 Hz	+
Channel p	air for multichannel device:	1+2	+
)utput:			
Device:	JamLab		+
Format:	2 chan. 24 bit	44100 Hz	+
Channel p	air for multichannel device:	1+2	+
rack Playe	r playback:		
Device:	JamLab		•
		Re	scan
udio Buffe			
Buffer Size	Computed Latency: 0 frame	s 0.00 ms	

General Audio	MIDI MIR Track Player	Folders
ASIO Driver		
Device :	M-Audio JamLab	*
Sample rate :	44.10 kHz 🗸 Control	panel
Input :	(1+2) Line In JamLab	~
Output :	(1+2) Analog 1/2 JamLab	~
Buffer size :	256 [samples]	
Latency :	11.6 [ms]	
Format :	16 bit (LSB)	
Extra setting:		
Maximum CF	PU load : 🛛 90 🤤 [%]	



Click the Power button (1) on the effect rack and the button will light up. Use the Dial (2) to select the preset Rock Solo and click on the Load button (3). You can now play your guitar and hear the effects. The effects pedals used to create that preset will appear on the screen. Use your mouse to adjust the pedal parameter values. Use the Output knob (5) to adjust the volume.

If your input level is too low, go back to the JamLab Control Panel and turn up the Input fader there. Do NOT turn up the input level on the GT Player Express rack effect. Keep using your Dial (2) and Load button (3) to try out different presets.



# Using the Track Player



The Track Player allows you to load in files to play along with. On Mac OS X, you can load .MP3, .WAV, .AIFF, AAC and MP4 files. On Windows XP you are limited to .WAV files.

Your JamLab CD includes 165MB of M-Audio's ProSessions drum loops in .wav format so that they can be used on Mac OS X and Windows XP. These files are recordings of real drummers playing small parts of songs that you can chain together to make your own songs.

In Windows XP, the Track Player comes loaded with a playlist made of M-Audio ProSessions .WAV files as an example.

1	ad	Add	Mauralla	Remove
LO	ao	A00	Move Up	hemove
Sa	ve	Add Folder	Move Down	Remove Al
	12 track(s).	Sample rate: 4410	0 Hz Total time:	01:40.
Pos.	Name	Tir	me Samples	Propertie
1	intro	00:02,2	42 98916	Stereo 16 bi
2 3 4	chorus	00:08,9	71 395664	Stereo 16 bi
3	verse	00:08,9	71 395663	Stereo 16 bi
	bridge	00:08,9	71 395664	Stereo 16 bi
5	chorus	00:08,9	71 395664	Stereo 16 bi
6	verse	00:08,9	71 395663	Stereo 16 bi
7	bridge	00:08,9	71 395664	Stereo 16 bi
8	chorus	00:08,9	71 395664	Stereo 16 bi
9	solo	00:08,9	71 395664	Stereo 16 bi
10	chorus	00:08,9	71 395664	Stereo 16 bi
11	chorus	00:08,9	71 395664	Stereo 16 bi
12	end crash2	00:08,9	71 395664	Stereo 16 bi
<				



Click on the Power button (1) and press the Play button (4). The files will play and you can jam along. If your guitar sound is overpowering your drum playback volume, turn up the Output (5) on the Track Player.

M-Audio ProSessions loops are provided in song parts: Intro, Verse, Chorus, Bridge, Ending, etc. The GT Player Express Track Player has a repeat function that allows for seamless loop-to-loop playback. The Track Player also has two repeat modes: Play One or Play All. Play One allows you to load one drum loop and have it repeat over and over. Play All allows you to load a playlist of loops, which allows you to put your loops in order like a song. The Track Player will play all of the loops in the order that they are listed, and then repeat the playlist from the beginning when the last loop is played.

To use the ProSessions drum loops, you must first copy the .WAV folder from the JamLab CD to your computer's desktop. Then, launch GT Player Express. Be sure to click on the power button for both the GT Player and the Track Player.

## M-AUDIO

Now click on the Playlist button, which will bring up the Playlist Editor window. Click on the Add button.

Playlist editor Playlist Load Save	Add	rrack(s) into play ny supported file Move Up Move Down	vlist. e(s) using standard Remove Remove All	file open dialog and pr	ess 'Open'.
0 track(s Pos: Name	) in 44100 Hz playlist v Time			YPASS OPTIONS	
<			>		
	ОК				

Locate the .WAV folder on your desktop. Now click on the "Slam It Drum Loops 68" folder and click "Open."

Add file(s) to p	aylist		? 🔀
Look in:	🔁 WAV	👻 🧿 🌶 🗁 🔜 -	
My Recent Documents Desktop My Documents My Computer	<ul> <li>060_Dream_Ab Mod</li> <li>060_Drown_Cm Mod</li> <li>060_Prown_Cm Mod</li> <li>060_YeahYeah_Dm</li> <li>067_RobotSuperfly_</li> <li>070_Crazy_Bm</li> <li>070_Ragamuffin_Cm</li> <li>078_EntireLife_Abm</li> <li>078_OldSound_Ebm</li> <li>085_CanUFeelMe_Al</li> <li>085_TropicRain_Bbm</li> <li>089_ASong_Abm</li> <li>089_Mellow_Fm</li> <li>100_Hype_Fm</li> </ul>	<ul> <li>120_Creepin_Cm</li> <li>120_Fantasy_DbMaj</li> <li>Acoustic Rock 1-110</li> <li>Acoustic Rock 2-120</li> <li>Bubble Drums Loops 177</li> <li>Funk Juice Drum Loops 107</li> <li>Shake Drum Loops 120</li> <li>Skippin Loops 97 Bpms</li> <li>Slam It Drum Loops 68</li> <li>SRV-130</li> </ul>	
	File name:	<b>v</b> (	Open
My Network	Files of type: All s	supported files	ancel

All of the loops in the "Slam It Drum Loops 68" folder will be displayed. Select the "intro.wav" file and click "Open."



Repeat this process until the loops are added in the same order as the screenshot below. Then click the "Save" button.

Pla	aylist		Track(s)	
Loa	ad 📔	Add	Move Up	Remove
Sa	ve	Add Folder	Move Down	Remove All
	8 track(s) in	44100 Hz playlist (	with total time 01:	17.
Pos.	Name	Time	Samples	Properties
1	intro	00:01,764	77823	Stereo 16 bit
2	verse	00:14,117	622588	Stereo 16 bit
3	fill2	00:03,529	155647	Stereo 16 bit
4	verse	00:14,117	622588	Stereo 16 bit
5 6	fill3	00:01,764	77824	Stereo 16 bit
6	chorus2	00:14,117	622588	Stereo 16 bit
7	alt beat	00:14,117	622588	Stereo 16 bit
8	end crash2	00:14,117	622588	Stereo 16 bit
<			<b>_</b> ]	
		ОК	_	

Name the file "My Song" and click "Save." Your new playlist is now saved.

Wy Recent   Documents   Desktop   My Documents   My Documents   My Computer   File name:   My Song   Save   Save   All supported files	My Recent   Documents   Desktop   My Documents   My Computer   File name:   My Song   Save	Save in:	🛅 GT Player M	1-AUDIU	🖌 G 🕫 🖻	•	
My Documents   My Computer   File name:   My Songl     Save	Wy Documents   Wy Computer   My Computer   My Network     File name:   My Song   Save   Save as type:   All supported files	Documents					
File name: My Song Save	File name:     My Song       My Network     Save as type:       All supported files	<b>1</b>					
	My Network Save as type: All supported files Cancel	My Computer					
My Network Save as type: All supported files Cancel		<b>S</b>					
	4	My Network	Save as type:	All supported files	×	Cancel	

On the Track Player, click the Mode button (6) until the display reads "Play All." Then click the Repeat button (7). You can now click on the Play button (4) and hear your new playlist of drum loops.

To play one continuous drum loop rather then an entire playlist, simply load one file. Click on the MODE button until the display reads "Play One." Click on the Repeat button and press play. Now only the one drum loop will play continuously.

# Loading .MP3 songs

We've also created some drum songs for you in .MP3 format. These were made from the same ProSessions .WAV files. Arranging the .WAV loops into playlists is great for song writing. These .MP3 drum songs were created especially to give you something to jam with immediately. Remember that .MP3 files can only be used with GT Player Express on Mac OS 10.3.9 or higher.

First, you must copy the .MP3 drum songs folder from the JamLab CD-ROM to your desktop.



On the Track Player, press the Playlist button (2). The Playlist screen will be displayed. Click on Add in the top left of the screen.

● ● ●	Playlist	
Tracks	Playlist	
Add Remove	Move Up Default Playlist	
Find in Finder Remove All	Move Dovn Save Delete Load	
Playlist Editor: 20 tracks (20 enabled		
No. Track Name	Enabled Time Format Propertie	es Location

Select the .MP3 drum songs folder that you copied from the JamLab CD-ROM to your desktop.

	the playlist. Press Command-A to select all files in folder.
	MP3 drum songs
Network	Acoustic Rock 110.mp3
Macintosh HD	Acoustic Rock 120.mp3
-	Acoustic Rock 130.mp3
Fugu 1.1.2 ≜	Acoustic Rock 140.mp3
	Bubble Drums 88.mp3
Desktop	Bubble Drums 115.mp3
🛉 jace	Bubble Drums 122.mp3
Applications	funk Juice 107.mp3
Applications	Funk Juice 125.mp3
Documents	Funk Juice 132.mp3
Movies	MP3 drum songs D 📝 Shake Drum 100.mp3
	📄 🖻 Shake Drum 110.mp3
Music	A 📝 Shake Drum 120.mp3 🔺
Pictures	Skippin Loops 88.mp3
New Folder	Cancel Choose

Select ALL of the .MP3 files in the folder and click the Choose button.

Add audio files to	the playlist. Press Command-A to select all files in folder.
	MP3 drum songs
Network	Bubble Drums 122.mp3       Funk Juice 107.mp3
Fugu 1.1.2	Funk Juice 125.mp3     Funk Juice 132.mp3     Shake Drum 100.mp3
Desktop	A     Shake Drum 100.mp3       A     Shake Drum 110.mp3       A     Shake Drum 120.mp3
Applications	B     Skippin Loops 88.mp3       B     Skippin Loops 97.mp3
Documents	B     Skippin Loops 115.mp3       B     Slam It Drum 68.mp3
Movies	Bam It Drum 95.mp3     SRV 130.mp3
Pictures	SRV 150.mp3
New Folder	Cancel Choose

#### All of the .. MP3 files will now be loaded in to your playlist.

Fracks			Playlist			
	Add Remove Mov	e Up	Default P	laylist		
Ein	d in Finder Remove All Move	Down	Save	Delete	bad 🕨	
FIII	a in Finder Kenove An Move	Dovin	Jure			
lavlist	t Editor: 22 tracks (22 enabled) in a	a playlist with	total time 5	8-36		
No.	Track Name	Enabled	Time	Format	Properties	Location
1	SRV 150.mp3		1:48	S ms	Stereo 16bit 44100Hz	/Users/jace/Desktop/MP3 dr
2	Funk Juice 107.mp3	<ul><li>✓</li></ul>	3:03	🍥 ms	Stereo 16bit 44100Hz	/Users/jace/Desktop/MP3 dr
3	Funk Juice 125.mp3		2:37	🌀 ms	Stereo 16bit 44100Hz	/Users/jace/Desktop/MP3 dr
4	Acoustic Rock 120.mp3		2:28	🍥 ms	Stereo 16bit 44100Hz	/Users/jace/Desktop/MP3 dr
5	Skippin Loops 88.mp3		2:29	🍥 ms	Stereo 16bit 44100Hz	/Users/jace/Desktop/MP3 dr
6	Skippin Loops 115.mp3		1:59	🕥 ms	Stereo 16bit 44100Hz	/Users/jace/Desktop/MP3 dr
7	Shake Drum 100.mp3		2:57	🍥 ms	Stereo 16bit 44100Hz	/Users/jace/Desktop/MP3 dr
8	Acoustic Rock 130.mp3		1:50	💿 ms	Stereo 16bit 44100Hz	/Users/jace/Desktop/MP3 dr
9	SRV 130.mp3		2:59	🕥 ms	Stereo 16bit 44100Hz	/Users/jace/Desktop/MP3 dr
10	Slam It Drum 95.mp3		2:27	💿 ms	Stereo 16bit 44100Hz	/Users/jace/Desktop/MP3 dr
11	Slam It Drum 68.mp3		3:49	🍥 ms	Stereo 16bit 44100Hz	/Users/jace/Desktop/MP3 dr
12	Skippin Loops 97.mp3		3:16	💿 ms	Stereo 16bit 44100Hz	/Users/jace/Desktop/MP3 dr
13	Acoustic Rock 140.mp3		2:00	🍥 ms	Stereo 16bit 44100Hz	/Users/jace/Desktop/MP3 dr
14	Acoustic Rock 110.mp3		3:05	🍥 ms	Stereo 16bit 44100Hz	/Users/jace/Desktop/MP3 dr
15	Bubble Drums 115.mp3		2:34	🍥 ms	Stereo 16bit 44100Hz	/Users/jace/Desktop/MP3 dr
16	Bubble Drums 122.mp3		2:01	🍥 ms	Stereo 16bit 44100Hz	/Users/jace/Desktop/MP3 dr
17	Fronds Issian 122 march	-	2.12	S	Carros 1 Chis 4410011-	Alleren (inne (Dealaren (MD2 al



On the TRACK PLAYER, use the DIAL (3) to browse the .MP3 files in your playlist. When you find the one you want, press the Play button (4). The number in the file name, for example "Slam it drum 68" refers to the tempo of the song. So this loop plays at 68 BPM, or "68 beats-per-minute."

## **Additional Information and Support**

We recommend checking the M-Audio website at www.m-audio.com regularly for driver updates and additional information. The website is where you'll find links to drivers, news stories, FAQs, additional products, and tech support.

## Warranty Terms and Registration

## Warranty Terms

M-Audio warrants products to be free from defects in materials and workmanship, under normal use and provided that the product is owned by the original, registered user. Visit www.m-audio.com/warranty for terms and limitations applying to your specific product.

## Warranty Registration

Thank you for registering your new M-Audio product. Doing so immediately both entitles you to full warranty coverage and helps M-Audio develop and manufacture the finest quality products available. Register online at www.m-audio.com/register to receive FREE product updates and for the chance to win FREE M-Audio gear.

WARNING: This product contains chemicals, including lead, known to the State of California to cause cancer, and birth defects or other reproductive harm. Wash hands after handling.





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