YAMAHA



"mLAN Patchbay" is application software that allows mLAN plugs (virtual input/output jacks) to be connected to or disconnected from the mLAN bus (system), and synchronization settings of each mLAN device to be managed — all under centralized control from your computer. The Macintosh version manages the mLAN devices via IEEE 1394, and the Windows version manages them via the serial interface.

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- The screen displays as illustrated in this owner's manual are for instructional purposes, and may appear somewhat different from the screens which appear on your computer.

This owner's manual assumes that you are already familiar with basic Windows/Macintosh operation. If you are not, please refer to the owner's manual which came with your Windows/Mac OS software before using mLAN Patchbay.

For information about hardware requirements, the interconnection of devices and the installation of the mLAN Patchbay software, refer to the separate "Installation Guide" as well as the owner's manual for the respective mLAN device.

This owner's manual is applicable to the mLAN Patchbay for both Windows and Macintosh. The screen illustrations are mainly taken from the mLAN Patchbay for Macintosh.

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Starting mLAN Patchbay

After installing mLAN Patchbay and making the necessary connections, start up mLAN Patchbay as follows.

Windows98/95 environment

In Windows 98/95, select "Start" button \rightarrow "Programs (P)" menu \rightarrow "mLAN Tools," and choose "mLAN Patchbay."

NOTE If the state of the bus is not read within a certain length of time after the program is started, check to make sure that the Serial Port value matches the COM port on your computer to which the serial cable is connected, and that no other application programs are using the COM port. (Page 8.)

Macintosh environment

Double-click the mLAN Patchbay icon.



Menu bar

File

New

Create a new file. The Audio and MIDI pages will show all mLAN plugs of the current bus (system) as unconnected. The WCLK page will display the current word clock (synchronization) status of the bus. If you wish to view the latest connection status of the bus, select the [Option] menu command [Update].

Open ...

Open an existing file. The previously-saved connection status (Audio/MIDI pages) and synchronization status (WCLK page) will be displayed. Simply opening a file will not cause its settings to be reflected on the bus.

If you wish to apply the settings of all pages, select the [Option] menu command [Apply].

Close

Close the file you are currently editing.

Save

Save the currently-edited file by overwriting it.

Save As...

Save the currently-edited file under another name.

Print... (Windows only)

Print the currently selected page.

Information (Property)

Open the Information (Property) dialog box to view detailed information on the selected mLAN plug or mLAN device.

In the Information (Property) dialog box you can modify the Nickname.

Nore A Nickname you modify in the Property dialog box will not be applied to the bus until you execute the [Option] menu command [Apply].

Quit

Exit mLAN Patchbay.





Undo/Redo

Undo returns the previously-edited item to its previous state. After Undo is executed, this command will change to Redo. Redo cancels the effect of Undo, restoring the item to its edited state.

Disconnect

Disconnect the selected mLAN plug and save it in the clipboard. This cannot be used in the WCLK page.

Сору

Copy the selected mLAN plug and save it in the clipboard. This cannot be used in the WCLK page.

Paste

Connect the mLAN plug copied in the clipboard to the selected mLAN plug. This cannot be used in the WCLK page.

Search... (Windows only)

Open the Search Plug dialog box. This cannot be used in the WCLK page.

Nore Before using this, you must first open either the Audio or the MIDI page depending on the mLAN plug for which you wish to search.

Search Plug dialog box The Search Plug dialog box lets you find th	ne location of	the desired mLAN plugs.	
Search			
Search Plug		×	
Module Nickname(<u>M</u>) : <u>CS6x, #301_8E</u> mLAN8P, #205_8P <u>CS6R</u> , #318_8E mLAN8P, #204_8P	Plug Direction From To OK Cancel	Plug(<u>P</u>) : IND2 OUT IND3 OUT IND4 OUT IND6 OUT IND6 OUT L OUT R OUT	

- 1. In the Module Nickname column, select the mLAN device that contains the mLAN plugs you wish to find.
- 2. In the Plug Direction column, select either From (output plugs) or To (input plugs).
- 3. In the Plug column, select the mLAN plug that you wish to find, and then click [OK].



Disconnect All

Disconnect all mLAN plugs connected to the selected mLAN plug. This cannot be used in the WCLK page.

Disconnect Field All

Disconnect all mLAN plugs (output plugs / input plugs) of the specified mLAN device.

If an item in the From field is selected, all mLAN plugs in the To field will be disconnected. If an item in the To field is selected, all mLAN plugs in the From field will be disconnected. This cannot be used in the WCLK page.

Connect All (Windows only)

Connect all mLAN plugs that are copied to the clipboard to all mLAN plugs of the specified mLAN device. Available only on the Audio page.

View

View Toolbar

Switch the tool buttons between visible and hidden.

Status bar (Macintosh only)

Lets you to select visible or hidden for the status indication.

Column Filter

Switch each item in the data list between visible and hidden.

Vender: Hide/show the Vender item.

Module: Hide/show the Module item.

Nickname: Hide/show the Nickname item. This cannot be used in the WCLK page.

Plug Name: Hide/show the Plug Name item. This cannot be used in the WCLK page.

Format: Hide/show the Format item. This cannot be used in the WCLK page.



Option

Update

Show the mLAN devices currently on the bus and their settings on the appropriate pages.

Apply

Apply the state specified in all pages to the mLAN devices on the bus.

After you click the [Apply] button, the status of the application may not match the status of the mLAN device. After clicking the button, click the [Update] button or use the Auto Update function (page xx).

Identify

Issue an Identify to the selected mLAN device. The mLAN connector's LED on the mLAN device that has received an "Identify" will flash for five seconds.

Device Color... (Windows only)

Open the Device Color dialog box.

Device Color dialog box

In the Device Color dialog box you can specify the display color for each mLAN device.



- 1. Select the mLAN device whose device color you wish to specify.
- 2. Click [Selecting Color]. The color dialog box will appear.
- 3. Select the color that you wish to use for the mLAN device.

If you wish to customize the color, click [Customize Color] and add the desired color.

- 4. Click [OK]. The selected color will be displayed in Sample Color.
- 5. Click [OK], and the display color of the mLAN device will be changed. If you decide not to change the color, click [Cancel].



Preference (Windows only)

Open the Preference dialog box. In the Preference dialog box you can make settings for Shortcuts, Color and Other.

Preference dialog box [Shortcuts] Specify (customize) the menu shortcut keys.

Shortcuts Colo	r Other	
Menu : File Edit View Option Help	Action : New Open Save Save As Print Property Quit	Assign Revert Panel Initial setting
New Shortcut() Current Shortcu Used Action	y) <mark>[Ctrl+Shift+Q</mark> ut Ctrl+Q	

- 1. Select the menu item for which you wish to specify a shortcut key.
- 2. Click the New Shortcut field, and then press the key that you wish to specify as the shortcut.
- 3. Click [Assign] to finalize the setting. If you click [Revert Panel], you will return to the settings of the previous step. If you click [Initial setting], the default settings (Ctrl + first letter of the action) will be applied. To clear the settings, click [Clear].

[Color]

You can specify the color and background color in the data list.

Shortcuts Color Other	
Data List Color ——	
From Select(1)	⊂ From Background(3)
C To Select(2)	◯ To Background④
Revert Sel	Revert Back Color(<u>C</u>)

- 1. Select an item to be edited and click [Color]. The Color dialog opens.
- 2. Select the desired color.
- 3. Click [OK]. The selected color appears below the item. To reset the color and background color to their initial settings, click [Revert Sel] and [Revert Back] respectively.



[Other]

Shortcuts Color Other
Serial port : OMN Command Timeout time : 10 sec Line space : O Kuto Update type C WCLK page only C All pages C No Auto Update Auto Update Wait Time : O sec

Serial port: Select the COM port that is used to connect the computer and mLAN device.

NOTE If there is a problem such as failure to read data, check whether this value matches the COM port you are actually using.

Command Time out Time: Set the response time that is taken from the issuance of a command to the mLAN device until the receipt of a response from the device. If the system displays "Serial Timeout Error," increase this value.

Line space: Specify the display spacing at which mLAN plugs or mLAN devices are shown on a page.

Popup menu type: Select the display method that will be used for popup menus when you connect a mLAN plug in the Audio or MIDI pages, or when you manually select the Master mLAN device for a Slave mLAN device in the WCLK page.

Popup menu type

For the Audio or MIDI page

If you specify "Normal," popup menus will be displayed as shown below. The upper line will extend from the module name to the plug name.

Audio page

ΥA	мана	mI AMSP	#205	gp c	H Mix R	44.1kE	z, IEC958	
Υł	_ YAM∂	AHA/ Module	e 🕨	CS6x	- F_	44.1kH	lz, IEC958	
Υf	YAM/	AHA/ Nickna	ame 🕨	mLAN	3P 🕨 #	205_8P 🕨	, IEC958	
Ϋ́	Prope	etu.		CS6R	• #	204_8P 🔸	Input 1	
YF.	поре	aty		JP F	AUX 1	44.1kF	Input 2	ŀ
YP	MAHA	mLAN8P	#205_	8P 4	VD In R	44.1kF	Input 3	ł
ΥP	MAHA	mLAN8P	#205_	8P A	VDInL	44.1kH	Input 4	ŀ
Ϋ́́́́́́́	MAHA	mLAN8P	#204_	8M 2	t Mix R	44.1KH	Input 5	l t
T H V A	MAHA	MLAN8P	#204_	or a or r)TIMIXL Vie Te D	44.1KF	inputo	
Ϋ́́́́	МАНА	MLANOF mLANSP	#204_ #204	OF L QD F	ng in ra Ta Ia I	44.1KF 77164	Input 6	[
Ϋ́́́́́́	MAHA	mLAN8P	#204_	8P 4		44.1K	Input 7	ļ
Ϋ́́́́́А	MAHA	mLAN8P	#204	ŠP A	NUX 1	44.1kF	Input 8	-
VA	MOLIO	LONIOD	#204	on r	IDL D	4.4.11.1		



The lower line will skip the module name and extend from the nickname to the plug name.

Audio page							
Үамана Ү́ј Үама	mLANSP ⊪HA∕ Modula	#205.9P	St Mix St Mix	R 44. L 44.	1k 1k		
💥 тама	HAZ Nickna	ime 🕨 #30	J1_8E →		1 K 1 k		
💥 Proper	rty	#20	05_8P ► 10 of ⊾	44.	1k		
<u>Ү</u> амана	mLAN8P	#205 #20	00E 04_8P ►	Input1	ТК		
<u>ҮАМАНА</u> ҮАМАНА	mLAN8P mLAN8P	#205 #204_8P	St Mi:	Input 2			
YAMAHA	mLAN8P	#204 <u>[</u> 8P	St Mis	Input 3			
YAMAHA	mLAN8P	#204_8P	Die In	Input 4			
тамана Үамана	mLAN8P mLAN8P	#204_8P #204_8P	AUX (Input 5			
ҮАМАНА	mLAN8P	#204[8P	AUX 1	Input 6			
YAMAHA	mLAN8P	#204_8P	A/DI	Input 7			
ҮАМАНА ҮАМАНА	mLAN8P CS6x	#204_8P #301_8E	R OU	Input 8			

If you specify "Nickname," Vender/Module will be omitted as shown below, and display will begin with the Nickname.

Audio page								
Ył Ył Ył	#301_ #205_ #318_	8E + 8E + 8P + 8E +	9P #205.81 P #205.81 P #205.81 P #205.81 P #205.81					
$\dot{\mathbf{Y}}_{\mathbf{Y}}^{\mathbf{I}}$ $\mathbf{Y}_{\mathbf{Y}}^{\mathbf{I}}$	#204_ Prope	8P ▶ entv	Input 1 Input 2					
YA YA YA	мана Мана мана	mLAN	Input 3 Input 4					
YA	MAHA MAHA	mLAN mLAN	Input 5 Input 6 Input 7					
YA	МАНА МАНА	mLAN mLAN	Input 8					

For the WCLK page

If you specify "Normal," popup menus will be displayed as shown below. The upper line will extend from the module name to the nickname.

Vivien Manual Mod Set Group Master Auto	te, Others 44.1kHz	mLAN8P CS6R 				
Manual •	Group1					
Property	ҮАМАНА.	/ Module	ग	CS6R	P	magnolia
	УАМАНА.	/ Nickname –	١			

The lower line will skip the module name and extend to the nickname.

Vivi mag	en Manual Mode Set Group Master I Auto	Others mLAN8P
	Manual	Group1
	Property	YAMAHA/ Module
		YAMAHA/Nickname Magnolia



If you specify "Nickname," Vender/Module will be omitted as shown below, and display will begin with the Nickname.

Vivien Manual M	log	de, Others	m	LAN8P
Set Group Master	۲	44.1kHz	C	S6R
Auto				
Manual	Þ	Group1		
Property		magnolia		



By right-clicking while holding down the Ctrl key, you can access the type of popup menu opposite to that which was selected.

Auto Update type: These are options for when executing the Apply command.

Auto Update type
🔿 WOLK page only
 All pages
🔿 No Auto Update
Auto Update Wait Time : 0 sec

WCLK page only

After Apply has been completed, the WCLK page display will automatically be updated to the current state of the bus. This is convenient when you wish to verify the synchronization data after executing Apply.

All pages

After Apply has been completed, the display of all pages will automatically be updated to the current state of the bus. This is convenient when you wish to verify that all data was correctly applied to the bus after Apply was executed.

No Auto Update

No action will be performed after Apply is completed.

Auto Update Wait Time

Specify the interval time following Apply after which the display will be updated to the current state of the bus. The units are seconds.

The initial setting is three seconds. If you have connected six or more NOTE mLAN devices, set this value higher than three seconds.

Help (Windows only)

About mLAN Patchbay (A)...

Display version information for mLAN Patchbay.



Main window

When you start up mLAN Patchbay, the following window will appear.

Main window

						*n	nLAN 📃					
$\overline{\mathcal{V}}$	Audio	MIDI	WCLK	Traffic=15%								
Γ	Undate		nnty	Vandar	Modulo	Minke		un Mana	Format	1		
	opuate	<u>م</u> ر ر	ppiy	vender	Module	NICK		ug Name	Format		m/LAJ	$\sqrt{2}$
ю			Fr	om						То		
ю	Vender	Module	Nickname	Plug Name	Format		Vender	Module	Nickname	Plug Name	Format	
	YAMAHA	mLAN8P	Vivien	A/D In L	32kHz, IEC958	\neg						
	YAMAHA	mLAN8P	Vivien	A/D In R	32kHz, IEC958	$\overline{}$						
Ш	YAMAHA	mLAN8P	Vivien	AUX 1	32kHz, IEC958	$\overline{}$						
Ш	YAMAHA	mLAN8P	Vivien	AUX 2	32kHz, IEC958	$\overline{}$	YAMAHA	MacDrvr	G4	Input 1	44.1kHz, IEC958	
	YAMAHA	mLAN8P	Vivien	Dig In L	32kHz, IEC958	$\overline{}$						
	YAMAHA	mLAN8P	Vivien	Dig In R	32kHz, IEC958	$\overline{}$						
1	YAMAHA	mLAN8P	Vivien	IN	32kHz, IEC958	$\overline{}$						
	YAMAHA	CS6R	magnolia	IND1 OUT	32kHz, IEC958	$\overline{}$	YAMAHA	mLAN8P	Vivien	Input 1	32kHz, IEC958	
	YAMAHA	CS6R	magnolia	IND2 OUT	32kHz, IEC958	$\overline{}$	YAMAHA	mLAN8P	Vivien	Input 2	32kHz, IEC958	
	YAMAHA	CS6R	magnolia	IND3 OUT	32kHz, IEC958	$\overline{}$	YAMAHA	mLAN8P	Vivien	Input 3	32kHz, IEC958	
	YAMAHA	CS6R	magnolia	IND4 OUT	32kHz, IEC958	$\overline{}$	YAMAHA	mLAN8P	Vivien	Input 4	32kHz, IEC958	
	YAMAHA	CS6R	magnolia	IND5 OUT	32kHz, IEC958	$\overline{}$						
	YAMAHA	CS6R	magnolia	IND6 OUT	32kHz, IEC958	$\overline{}$						
	YAMAHA	CS6R	magnolia	MIDI OUT	32kHz, IEC958	$\overline{}$						
H.	YAMAHA	CS6R	magnolia	R OUT	32kHz , Raw	$\overline{}$						
H.	YAMAHA	mLAN8P	Vivien	St Mix R	32kHz , Raw	$\overline{}$						
H.							YAMAHA	CS6R	magnolia	MIDEIN	32kHz, Raw	
II.							YAMAHA	MacDrvr	G4	Input 2	44.1kHz, IEC958	
H.							YAMAHA	MacDrvr	G4	Input 3	44.1kHz, IEC958	
Ш							YAMAHA	MacDrvr	G4	Input 4	44.1kHz, IEC958	
Ш							YAMAHA	MacDrvr	G4	Input 5	44.1kHz, IEC958	
Ш							YAMAHA	MacDrvr	G4	Input 6	44.1kHz, IEC958	
							YAMAHA	MacDrvr	G4	Input 7	44.1kHz, IEC958	
							YAMAHA	MacDrvr	G4	Input 8	44.1kHz, IEC958	
							YAMAHA	mLAN8P	Vivien	Input 5	32kHz, IEC958	$\overline{}$
							YAMAHA	mLAN8P	Vivien	Input 6	32kHz, IEC958	$\overline{}$
							YAMAHA	mLAN8P	Vivien	Input 7	32kHz, IEC958	
							YAMAHA	mLAN8P	Vivien	Input 8	32kHz, IEC958	
I							YAMAHA	mLAN8P	Vivien	OUT-A	32kHz, IEC958	
I							YAMAHA	mLAN8P	Vivien	OUT-B	32kHz, IEC958	
H												·
LF	rom: YAMA	HA Vivien	A/D In L									///

Tabs



By clicking the tabs, you can access the following pages. **Audio:** Connections for Audio plugs. **MIDI:** Connections for MIDI plugs **WCLK (Word Clock):** Synchronization settings such as word clock master and slave

Tool buttons

Update Apply	Vender	Module	Nickname	Plug Name	Format
--------------	--------	--------	----------	-----------	--------

Update: Make the data section show the state of the devices currently connected to the bus. This is the same function as the [Option] menu command [Update].

Apply: Apply the state shown in the data section to the devices on the bus. This is the same function as the [Option] menu command [Apply].

Vender: Switch the Vender between displayed/hidden. This is the same function as the [View] menu command [Column filter] item [Vender].



Module: Switch the Module column between displayed/hidden. This is the same function as the [View] menu command [Column filter] item [Module].

Nickname: Switch the Nickname between displayed/hidden. This is the same function as the [View] menu command [Column filter] item [Nickname]. If the WCLK page is selected, this has no function.

Plug Name: Switch the Plug Name between displayed/hidden. This is the same function as the [View] menu command [Column filter] item [Plug Name]. If the WCLK page is selected, this has no function.

Format: Switch the Format between displayed/hidden. This is the same function as the [View] menu command [Column filter] item [Format]. If the WCLK page is selected, this has no function.

For MIDI connections, it is not necessary to take account of differences in Format. In such cases, it is convenient to use the Format tool button to hide Format from being displayed.



Data list

Audio and MIDI pages

		From		
Vender 💎	Module	Nickname	Plug Name	Format
		To		
Vender	Module	Nickname	🔆 Plug Name	Format

Vender: Displays the manufacturer of the mLAN device.Module: Displays the model name of the mLAN deviceNickname: Displays the nickname of the mLAN device.Plug Name: Displays the plug name of the mLAN device.Format: Displays the format of the mLAN device.

WCLK page

	Master			
Vender	Module	∇	Nickname	
		Slave		
Vender	Module		Nickname	

WC marker: Displays the common word clock mark.

44 (44.1k), 48 (48k) Internal



A word clock is not supplied.



There is no Sort function for WC marker.

Vender: Displays the manufacturer of the mLAN device.

Module: Displays the model name of the mLAN device

Nickname: Displays the nickname of the mLAN device.

Status: Displays the sync mode and word clock frequency of the mLAN device.

Nore Displayed/hidden settings for each item in the Audio and MIDI pages are shared. The Sort function is independent for each page.



Sorting data

If you click the title of an item, the list will be sorted with that item as the key. A sort symbol will be displayed at the right of that title. The sort symbol will point upward to indicate ascending order, or downward to indicate descending order. Each time you click the title of an item, sorting for that item will alternate between ascending and descending order.

By dragging the title of an item to left or right, you can change the order of the items.

			 Sort symbol 				
		Fre	om				
Vender	Module	Nickname 🙆	Plug Name	Format		Vender	Module
YAMAHA	mLAN8P	Vivien	A/D In L	32kHz, IEC958	$\overline{}$		
YAMAHA	mLAN8P	Vivien	A/D In R	32kHz, IEC958	$\overline{}$		

Connection data

Audio and MIDI pages

These pages display the connection status of the mLAN plugs. "From" displays the output plugs, and "To" displays the input plugs. If unconnected, a "---" (hyphen) will be displayed. If connected, the connection destination mLAN plug will be displayed.

Audio page

		From	1		То						
Vender ∇	Module	Nickname	Plug Name	Format	Vender	Module	Nickname	Plug Name	Format		
ҮАМАНА	mLAN8P	#205 8P	St Mix R	44.1 kHz, IEC958	ҮАМАНА	CS6R	#318 8E	L IN	44.1kHz, IEC958		
YAMAHA	mLAN8P	#205 8P	St Mix L	44.1 kHz, IEC958	YAMAHA	CS6R	#318 ⁻ 8E	RIN	44.1kHz, IEC958		
YAMAHA	mLAN8P	#205 ⁻ 8P	Dig In R	44.1 kHz, IEC958	YAMAHA	OS6R	#318 ⁻ 8E	IND1 IN	44.1kHz, IEC958		
YAMAHA	mLAN8P	#205[8P	Dig In L	44.1 kHz, IEC958	YAMAHA	OS6R	#318_8E	IND2 IN	44.1kHz, IEC958		
YAMAHA	mLAN8P	#205 [°] 8P	AUX 2	44.1 kHz, IEC958	YAMAHA	CS6R	#318 8E	IND3 IN	44.1kHz, IEC958		
YAMAHA	mLAN8P	#205[8P	AUX 1	44.1 kHz, IEC958	YAMAHA	CS6R	#318_8E	IND4 IN	44.1kHz, IEC958		
YAMAHA	mLAN8P	#205 [°] 8P	A/DIn R	44.1 kHz, IEC958	YAMAHA	CS6R	#318 [°] 8E	IND5 IN	44.1kHz, IEC958		
YAMAHA	mLAN8P	#205[8P	A/DIn L	44.1 kHz, IEC958	YAMAHA	CS6R	#318_8E	IND6 IN	44.1kHz, IEC958		
YAMAHA	mLAN8P	#204 8P	St Mix R	44.1 kHz, IEC958							
YAMAHA	mLAN8P	#204 ⁻ 8P	St Mix L	44.1 kHz, IEC958							
YAMAHA	mLAN8P	#204 ⁻ 8P	Dig In R	44.1 kHz, IEC958							
YAMAHA	mLAN8P	#204_8P	Dig In L	44.1 kHz, IEC958							
YAMAHA	mLAN8P	#204 8P	AUX 2	44.1 kHz, IEC958							
YAMAHA	mLAN8P	#204 ⁻ 8P	AUX 1	44.1 kHz, IEC958							
YAMAHA	mLAN8P	#204 8P	A/D In R	44.1 kHz, IEC958							
YAMAHA	mLAN8P	#204 ⁻ 8P	A/D In I	441kHz IEC958							

MIDI page

		From	1		Tó								
Vender	Module $ abla$	Nickname	Plug Name	Format	Vender	Module	Nickname	Plug Name	Format				
МАМАНА	mLAN8P	#205 8P	MIDI Out1	44.1kHz, MIDI	YAMAHA	CS6R	#318_8E	MIDI IN	44.1kHz, MIDI				
YAMAHA	mLAN8P	#204_8P	MIDI Out1	44.1kHz, MIDI	YAMAHA	CS6x	#301_8E	MIDI IN	44.1kHz, MIDI				
YAMAHA	CS6x	#301 8E	MIDI OUT	44.1kHz, MIDI									
YAMAHA	CS6R	#318_8E	MIDI OUT	44.1kHz, MIDI	YAMAHA	mLAN8P	#204_8P	MIDI In1	44.1kHz, MIDI				

WCLK page

This page displays the synchronization status of the mLAN devices, such as the Master and Slave relationships. If there is no master/slave relationship, a "---" (hyphen) will be displayed. If there is a master/slave relationship, the corresponding mLAN device will be displayed.

For an mLAN device that is set to the Group Master, the frequency symbol **G** will be displayed at the WC marker.

		Master	r i i i			Slave 🎵		
	Vender	Module	Nickname	Vender	Module	Nickname		
				YAMAHA	CS6R	magnolia	Auto :	
				YAMAHA	mLAN8P	Vivien	Internal :	\neg
G	VAMAHA	MacDrove	MacDrove					



Operation

Making a connection

When you click on the 🔽 mark (Macintosh) or right-click in the "From" (or "TO") field (Windows), the mLAN plugs available for connection will be shown in a popup menu. By traversing the sub-menus that appear, select the desired mLAN plug, and then click it to establish the connection. However, mLAN plugs that are grayed-out cannot be selected. Clicking (Macintosh) or right-clicking (Windows) an area that is displayed as "---" has no effect.

		Fr	om					То		
Vender ∇	Module	Nicknam	e 🛛 Plug Name	Forma	at	Vender	Module	Nickname	Plug Name	Format
<u> ҮАМАНА</u>	mI AN8P	#205.8P	St Mix R	44.1kH	z, IEC958					
YAMA!	HA/ Module	CS	6x ▶L	44.1kH	z, IEC958					
Y YAMA	HA/ Nickna	me 🕨 m	ANSP 5 #20	5.8P 🕨	t, IEC958					
Yi			- HINOT - #20		L TECOEO	L C				
Yi Broner	+• ·	03	50R 🕨 🚻	4_8P M	Linput I	-				
Y. Proper	(y	म	AUX I	44.TKF	Input 2					
YAMAHA	mLAN8P	#205_8P	A/DLhR	44.1kF	Input 3	-				
YAMAHA	mLAN8P	#205_8P	A/DIn L	44.1kF		-				
YAMAHA	mLAN8P	#204 8P	St Mix R	44.1kF	Linput 4	-				
YAMAHA	mLAN8P	#204 ⁻ 8P	St Mix L	44.1kF	Input 5	-				
YAMAHA	mLAN8P	#204 ⁻ 8P	Dig In R	44.1kF	Incut 6	-				
YAMAHA	mLAN8P	#204 ⁸ P	Dig In L	44.1kF	inputo	-				
YAMAHA	mLAN8P	#204 ⁸ P	AUX 2	44.1kF	Jinput 7	-				
YAMAHA	mLAN8P	#204 ⁻ 8P	AUX 1	44.1kF	Input 8					
YAMAHA	mI ANSP	#204 8P	A/D In R	111kh						

In the "From" field, specify the "To" mLAN plug

If you click (Macintosh) or right-click (Windows) while holding down the Ctrl key, you can select from the Nicknames as shown below. When the mLAN plugs are displayed in the popup menu, mLAN plugs that are temporarily unavailable for connection (e.g., if you attempt to connect an already-connected "To" mLAN plug to another "From" mLAN plug) will be displayed, but cannot be selected.

		From					То		
Vender $ abla$	odule N	lickname	Plug Name	Format	Vender	Module	Nickname	Plug Name	Format
YAMAHA mL	AN8P #20			44.1kHz IEC958					
Y/ #301 8E	► P #20	05 8P	St Mix L	44.1kHz, IEC958					
Y/ #ODE OD	⊾ P #20	05_8P	Dig In R	44.1kHz, IEC958					
Y/ #200_0F	F #20	05_8P	Dig In L	44.1kHz, IEC958					
Y/ #318_8E	_ <u>P</u> #20	05 8P	AUX 2	44.1kHz, IEC958					
Y/ #204_8P	🕨 Input 1	1	AUX 1	44.1kHz, IEC958					
Y/	Input 2	2	A/D In R	44.1kHz, IEC958					
Y Property	Input 2		A/D In L	44.1kHz, IEC958					
Yl marine inst	unputa	3	St Mix R	44.1kHz, IEC958					
YAMAHA mL	AN Input 4	4	St Mix L	44.1kHz, IEC958					
YAMAHA mL	AN Input F	5	Dig In R	44.1kHz, IEC958					
YAMAHA mL	AN T		Dig In L	44.1kHz, IEC958					
YAMAHA mL	AN inputo		AUX 2	44.1kHz, IEC958					
YAMAHA mL	AN Input7	7	AUX 1	44.1kHz, IEC958					
YAMAHA mL	AN Input 8	3	A/D In R	44.1kHz, IEC958					
YAMAHA mL	ANAN		A/DIn L	44.1kHz, IEC958					

Click (Macintosh) or right-click (Windows) while holding down the Ctrl key

Nore Selecting a plug while holding down the Shift key works in the same way as [Connect All] in the Edit menu. (Windows)

Nore The popup menu will also appear when you press the Space key. This can also be used in conjunction with the Ctrl key.

You can delete the popup menu by pressing the Alt key.

- A connection can also be made by dragging a mLAN plug and releasing it on the mLAN plug to which you wish to connect it. However, only one mLAN plug can be selected and dragged.
- **Nore** Releasing the plug while holding down the Shift key works in the same way as [Connect All] in the Edit menu. (Windows)



Connect by dragging and releasing an mLAN plug

Π	ТАМАНА	CS6R	magnolia	R OUT	32kHz , Raw	$\overline{}$	YAMAHA	MacDrvr	G4	Input 3	44.1kHz, IEC958	$\overline{}$
	YAMAHA	mLAN8P	Vivien	St Mix R	32kHz , Raw	∇						
							YAMAHA	MacDrvr	G4	Input 4	44.1kHz, IEC958	$\overline{}$
							XAMAHA .	CS6R	magnolia	MIDEIN	32kHz , Raw	\neg
							YA, 1AHA	MacDrvr	G4	Input 5	44.1kHz, IEC958	$\overline{}$
							YAMA	MacDrvr	G4	Input 6	44.1kHz, IEC958	$\overline{}$
	-											
			(Maciı	ntosh)		(W	/indow	s)				

Depending on the sorting, there may be cases as shown below in which a single "From" mLAN plug is connected to multiple "To" mLAN plugs. Spaces (blanks) will be displayed for the "From" mLAN plugs to indicate that the mLAN plug is identical.

If such cases are excepted, normal connections will show a single "From" mLAN plug for each "To" mLAN plug.

Data section after editing

		From			Tò						
Vender ∇	Module	Nickname	Plug Name	Format	Vender	Module	Nickname	Plug Name	Format		
YAMAHA	mLANSP	#205_8P	St Mix R	44.1 kHz, IEC958	YAMAHA	mLAN8P	#204_8P	Input 1	44.1 kHz, IEC958		
					ТАМАНА	mLAN8P	#204_8P	Input 2	44.1 k Hz, IEC958		
YAMAHA	mLAN8P	#205_8P	St Mix L	44.1 kHz, IEC958							
ҮАМАНА	mLAN8P	#205_8P	Dig In R	44.1kHz, IEC958	ТАМАНА	mLAN8P	#204_8P	Input 4	44.1 kHz, IEC958		

Breaking a connection

When you click on the 🔽 mark (Macintosh) or right-click (Windows) a connected mLAN plug, a Disconnect command will be added to the menu as shown below, and you can break the connection by selecting this command. If you select Disconnect All, all connections of the "module" you clicked will be disconnected.

Using the popup menu to disconnect

Fre	m				То		
Vender 🟹 Module 🛛 Nickname	Plug Name	Format	Vender	Module	Nickname	Plug Name	Format
Y <u>amaha mlansp #205.</u> 8P	St Mix R	44.1kHz, IEC958	YAMAHA	mLAN8P	#204_8P	Input 1	44.1kHz, IEC958
YAMAHA/ Module →			YAMAHA	mLAN8P	#204_8P	Input 2	44.1kHz, IEC958
Y YAMAHA/ Nickname + 8P	St Mix L	44.1kHz, IEC958				_ <u></u>	
Y BP	Dig In R	44.1kHz, IEC958	YAMAHA	mLAN8P	#204_8P	Input 4	44.1kHz, IEC958
Y Disconnect (T) 8P	Dig In L	44.1kHz, IEC958					
Y Bisconnect (1) 8P	AUX 2	44.1kHz, IEC958					
Y Disconnect All 8P	AUX 1	44.1kHz, IEC958					
Y Disconnect Field All 8P	A/D In R	44.1kHz, IEC958					
Y 8P	A/D In L	44.1kHz, IEC958					
Y Property 8P	St Mix R	44.1kHz, IEC958					
Y	St Mix I	44.1kHz_TEC958					

Master and slave settings

When you click on the 🔽 mark (Macintosh) or right-click (Windows) an mLAN device in the Slave area, the mLAN devices that can be selected as the master will be displayed. Traverse the submenus of the popup menu to select the mLAN device that you wish to select as the master, and click (Macintosh) or left-click (Windows) it to connect that slave mLAN device to the specified master mLAN device.

Vivian n Set Grou Auto	Manual Mor ip Master ►	e, Others 44.1kHz	mLAN8P CS6R 				
Manual	•	Group1					
Property		ТАМАНА	V Module	শ	CS6R	Þ	magnolia
		ТАМАНА	1/ Nickname	•7			

Selecting the master from the popup menu



If there is a Group Master on the bus, by selecting the submenu of Group 1 of the Manual mode, as shown below, the mLAN devices lock to the Group Master. If the Group Master does not exist, set the Status to "Manual: Group 1" so that the devices will be ready for syncing to the Group Master.

Specifying the common word clock master from the popup menu

		Maste	r				Slave //	7			
	Vender	Module	Nickname		Vender	Module	Nickname				
					YAMAHA	CS6R	magnolia	Auto: 44.1k	Sot Group Mector	7	
5	YAMAHA	CS6R	magnolia	\bigtriangledown					Set broup master		
	YAMAHA	mLAN8P	Vivien	\checkmark					✓ Auto		
G	YAMAHA	YAMAHA MacDrvr		G4 🗸					Manual 🕨 🕨	Group	Group1
				_	-				Information/		
									Side Land Contract of the		

If a Slave mLAN device is in Manual mode, you can drag that item and release it on the mLAN device that you want to specify as the master to specify the master/slave relationship.

Drag and release the Slave mLAN device to specify the Master

	Master			9	Slave	
Nickna 🗸	Module		Nickname	Status		Module
magnolia	CS6R	Vivien	-Ma nual Mode,	-Oth ers	mLAN8P	
			magnolia	Auto Mode	, 44.1kHz	CS6R
			Vivien	Manual Mo	ide, Others	mLAN8P

Master and Slave mode settings

By clicking (Macintosh) or right-clicking (Windows) a Slave mLAN device, you can use the capabilities of the mLAN device to specify the Slave mode.

	Master						Slave //		
1	Vender	Module	Nickname		Vender	Module	Nickname		
					YAMAHA	CS6R	magnolia	Auto: 44.1k	M Set Group Master
1	YAMAHA	CS6R	magnolia	\checkmark					
8	YAMAHA	mLAN8P	Vivien	\checkmark					🗸 Auto
G	YAMAHA	MacDrvr	64						Manual 🕨
									Information/
									Support of the second

By clicking (Macintosh) or right-clicking (Windows) a Master mLAN device, you can use the capabilities of the mLAN device to set/cancel the Group Master. However, this setting is not possible for an mLAN device that does not have Group Master functionality.

Common word clock setting for a Master mLAN device

		Maste	r				Slave 💈	<i>\</i>		
	Vender	Module	Nickname		Vender	Module	Nickname		1200	
					YAMAHA	CS6R	magnolia	Auto: 44.1k	~	1
	YAMAHA	CS6R	magnolia	7					The second second	
2	YAMAHA	mLAN8P	Vivien		Set Grou	ip Maste	er 🕨	Group 1 WCL	K Mas	ter
G	YAMAHA	MacDrvr	G4		Informa	tion/		reset		

