

WING DAW-CONTROL



EN



EN Table of Contents

DAW-Setup	
Settings WING	3
Settings DAW	3
CUBASE/NUENDO	4
ABLETON LIVE	5
LOGIC	5
STUDIO ONE	6
REAPER	7
PRO TOOLS	
Custom Control Section	9
Overview	9
Assign Function to CC-Section	9
Store Preset	
Share Preset	
MCU – Implementation	11
Layer Buttons	11
Upper CC-Section	11
HUI- Implementation	12
Layer Buttons	12
Upper CC-Section	12

DAW-Setup

The WING console uses the commonly used Mackie MCU- and Mackie HUI-Protocol. These protocols are supported over a wide range of DAWs which allows for instant support. Nevertheless, the implementation is dependent on a predefined transmission protocol and the scope of possibilities is limited.

For DAW remote control there are settings to be made on both, the hardware and software side.

Settings WING

To enter the DAW-Setup navigate to SETUP \rightarrow DAW. The left side of the screen provides access to all DAW-Settings on the console. To configure which surface components will be used for DAW-Control the remote setup provides different modes.



DAW ENABLE	If set to ON - activates DAW function and enables DAW button on the surface.
CONNECTION	Switch between DIN and USB Connection (USB required for multiple devices)
EMULATION	Decide which protocol to use - Mackie HUI or Mackie MCU
USE UPPER CC FOR DAW	If set to ON — include Upper Custom Control Section for DAW Control. (otherwise the Upper CC-Section will offer controls detached from the DAW mode)
CONFIGURATION	Dropdown to select which Parts of the surface should be used for DAW-Control
PRESET	Dropdown to load DAW specific preset for lower portion of the Custom Control Section

Once set up, activate DAW-Control with the DAW-Button in the lower portion of the custom section. According to the remote settings this will change the CC- and the Fader-Section to DAW-Mode.

Settings DAW

WING can be connected to the DAW either using standard DIN- or USB-Connection. The USB-Connection is providing 4 Midi-Connections at a time. To use the entire surface for DAW control please use the USB connection. When connecting to the computer, WING emulates four virtual hardware devices. These emulations correspond to the Midi-Ports as follows:

Port: MIDI DAW 1 (macOS: WING 1) – Master unit (Mackie MCU/HUI) Port: MIDI DAW 2 (macOS: WING 2) – Extender 1 (MCU/HUI-Extender) Port: MIDI DAW 3 (macOS: WING 3) – Extender 2 (MCU/HUI-Extender) Port: MIDI Control (macOS: WING 4) – General Midi-Connection

To ensure the correct channel order, please ensure correct setup on DAW-Side. Depending on the DAW, the arrangement of the controllers can be made from top to bottom, left to right or vice versa. See setup for some DAWs below.

CUBASE/NUENDO

*Music Tribe recommends Mackie MCU for the use with Cubase/Nuendo

- 1. Navigate to **Studio** → **Studio Setup**
- 2. Select the Folder Remote Devices and add device (+)
- 3. Select Mackie Control from the dropdown
- 4. If you want to use the complete surface set up 3 devices in total

$\bigcirc \bigcirc \bullet$	Studio Setu	ıp		
+ - H Devices	Mackie Con	trol	v	VING Port 3 🔻
Chord Pads Chord Pads MIDI MIDI Port Setup	MIDI Output			VING Port 3 🔻
 Remot Pevices Mackie Control Mackie Control 2 Mackie Control 3 Track Quick Controls VST Quick Controls Transport Record Time Max Time Display Video Video Video Video VST Audio System WING VST System Link 	Button User A User B F1 Shift+F1 F2 Shift+F2 F3 Shift+F3 F4 Shift+F4 F5 Shift+F6 F7 Shift+F6 F7 Shift+F7 re	Category	Command	
	Short Enable Auto S Relay Click	Smart Switch D	elay	
			Reset	Apply OK

IMPORTANT: Cubase lists the devices from top to bottom and from right to left. Having this in mind the port assignment needs to be:

Mackie Control 1: WING Port 3 (In/Out) Mackie Control 2: WING Port 2 (In/Out) Mackie Control 3: WING Port 1 (In/Out)

5. To prevent interference with other MIDI messages deselect the 'ALL MIDI' checkbox for WING PORT 1-3 under MIDI Port Setup

		Studio Setup				
н — н	MID	l Port Setup				
evices	I/O	Port System Name	Show As	Visible	State	In 'All MIDI
Chord Pads	In	WING Port 1	WING Port 1	×	Active	
	In	WING Port 2	WING Port 2	×	Active	
Chord Pads	In	WING Port 3	WING Port 3	×	Active	
MIDI	In	WING Port 4	WING Port 4	×	Active	×
MIDI Port Setup	In	X-LIVE	X-LIVE	×	Active	×
📄 Remote Devices	Out	WING Port 1	WING Port 1	×	Active	
Mackie Control	Out	WING Port 2	WING Port 2	×	Active	
Mackie Control 2	Out	WING Port 3	WING Port 3	×	Active	
Mackie Control 3	Out	WING Port 4	WING Port 4	×	Inactive	
Track Quick Controls	Out	X-LIVE	X-LIVE	×	Inactive	
tar Video Player						
				Reset		Apply
				C	ancel	ОК



ABLETON LIVE

*Music Tribe recommends Mackie MCU for the use with Ableton Live

- 1. Navigate to **Preferences** → **Link Midi**
- 2. Select Mackie Control for the first device from the dropdown
- 3. Assign WING (Port 1) as Input and Output
- 4. If you want to use the whole surface, please select Mackie ControlXT for second and third device from the dropdown
- 5. Assign WING (Port 2) & WING (Port3) as Input and Output
- 6. For bidirectional Midi-Transmission switch Track and Remote for the respective Inputs and Outputs to ON

000	Preferences					
Look Feel	Link					
Audio	Show Link Toggle Show					
Link MIDI	MIDI Control Surface Input Output					
File	1 MackieControl V WING (Port 1) V WING (Port 1) V (Dun					
Folder	2 MackieControlXT VING (Port 2) VING (Port 2) VING (Port 2) VING (Port 2)					
Library	3 MackieControlXT WING (Port 3) WING (Port 3) (Dun					
Library	4 None V None V Dun					
Plug-Ins	5 None V None V (Dun					
	6 None V None V Dun					
Record Warp Launch	Takeover Mode None					
Licenses	MIDI Ports Track Sync Remot					
Maintenance	Input: MackieControl Input (WING (Port On Off On					
in an reenance	Input: MackieControlXT Input (WING (Pc On Off On					
	Input: MackieControlXT Input (WING (Pc On Off On					
	► Input: WING (Port 4) Off Off Off Off					
	► Input: WING (Port.4) Off Off Off					
	Input: WING (Port 4) Off					
	Input: WING (Port 4) Off Off Off Off Off Off On Off On On Off On Output: MackieControlOtOutput (WING (Pon Off On On Off On					
	Input: WING (Port 4) Off					

LOGIC

*Music Tribe recommends Mackie MCU for the use with Logic

- 1. Navigate to **Preferences** → **Control Surfaces** → **Setup...**
- 2. Go to New \rightarrow Install...
- 3. Select Mackie Designs I MCU Pro I Logic Control from the List
- 4. Create one device and assign WING Port 1 as Input- and Output-Port
- 5. Select Mackie Designs I Mackie Control Extender Pro I Logic Control from the List
- 6. Create two devices and assign WING Port 2 & 3 as Input- and Output-Port
- 7. Order devices as shown in screenshot below

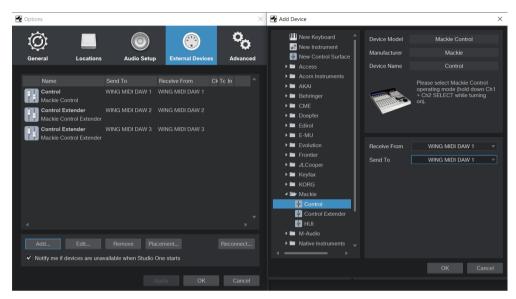
Edit ~ New ~ * Device: MCU Pro Output Part: WNG Port 1 c input Part: WNG Port 1 c		
Output Port: WING Port 1 0 Input Port: WING Port 1 0		
Input Port: WING Port 1 O		
	in the second se	111111111
Module: Logic Control	0000000	
Model: MCU Pro		
Version: 1.06	UMHR	
Color:		
Live Loops Scene Offset: 0 MCU Pro	Mackie Control	MCU Pro #2
Transport Button Click: 🧭		
Backlight Saver Timeout (min): 15		
Serial No.:		
▼ CS Group: Control Surface Group 1		
Display Mode: Value 0		
Clock Display: Beats		
Channel Strip View Mode: All		
Fader Bank for Tracks View: 0		
Live Loop Column Bank: 0		
Channel Strip Parameter: Format Surround Parameter: Center		
Surround Parameter: Center 0 EO Band: 1		
EQ Bano: 1 EQ Parameter: Frequency 0		
All EQs Parameter Page: 0		
Send Slot: 1		
Send Parameter: Destination		
All Sends Parameter Page: 0		
Split: no. of upper parameters: 0		
Instrument Parameter Page: 0		
Inst Param Page (Split Lower): 0		
Insert Type: Audio		
Insert Type (Split Lower): Audio		
Channel Strip Track: 262150 Channel Strip Track (Solit Lower): 262150		

STUDIO ONE

EN

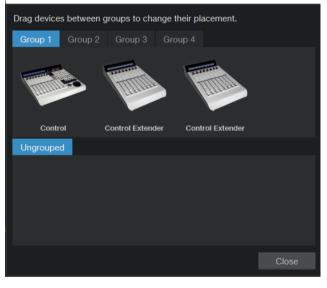
*Music Tribe recommends Mackie MCU for the use with Studio One

- 1. Navigate to **Options** → **External Device**
- 2. Select Add... | Mackie | Control from the list
- 3. Choose WING MIDI DAW 1 under Receive From and Send To
- 4. Select Add... | Mackie | Control Extender from the list
- 5. Create two devices and choose WING MIDI DAW 2 & 3 under Receive From and Send To
- 6. Select **Placement...** and drag the devices to **Group 1** as shown below



Х

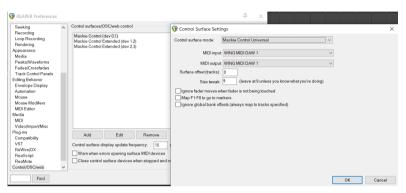
Control Surface Placement



REAPER

*Music Tribe recommends Mackie MCU for the use with Reaper

- 1. Navigate to **Options** → **Preferences** → **Control/OSC/web**
- 2. Select Add | Mackie Control Universal
- 3. Choose WING MIDI DAW 1 under MIDI Input and MIDI Output
- 4. Select Add | Mackie Control Extender
- 5. Choose WING MIDI DAW 2 under MIDI Input and MIDI Output, set Surface offset (tracks) to 8.
- 6. Select Add | Mackie Control Extender
- 7. Choose WING MIDI DAW 3 under MIDI Input and MIDI Output, set Surface offset (tracks) to 16.



- 8. Navigate to **Options** → **Preference** → **Audio/MIDI Devices**
- 9. Make sure that MIDI inputs and outputs WING MIDI DAW 1..3 are disabled

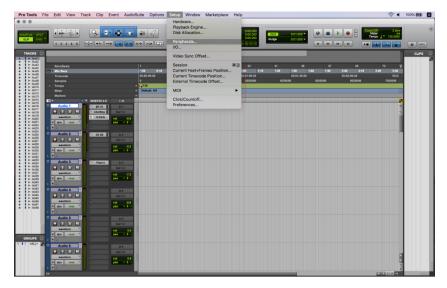
General	~	MIDI hardware settings			
Paths		MIDI inputs to make available (selectable as track inputs and/	or learnable o	or action-bindable):
Keyboard/Multitouch Project Track/Send Defaults Media Item Defaults Audio Device <u>MIDI Devices</u> <u>Buffering</u>		Device WING MIDI Control WING MIDI DAW 1 WING MIDI DAW 2 WING MIDI DAW 3	Mode <disabled> <disabled> <disabled> <disabled></disabled></disabled></disabled></disabled>	ID 3 0 1 2	
Mute/Solo Playback Seeking Recording Loop Recording Appearance Media Peaks/Waveforms Fades/Crossfades Track Control Panels		MIDI outputs to make available Device Microsoft GS Wavetable Synt WING MIDI Control WING MIDI DAW 1 WING MIDI DAW 2 WING MIDI DAW 2	Mode	ID 0 4 1 2 3	Add joystick MIDL.
Editing Behavior Envelope Display Automation		Restrict MIDI hardware outp	out to one thread √Pitch/sustain Reset (on: 🗸 Plav	Reset all MIDI devices

PRO TOOLS

EN

*To use DAW-Control with Pro Tools please use Mackie HUI

1. Navigate to Setup \rightarrow Peripherals



- 2. Select the MIDI Controllers tab
- 3. Select HUI in #1 and assign WING (port 1) as Recieve From and Send To, set #Ch's to 8
- 4. If you want to use the whole surface, please setup **#2** and **#3** for second and third device
- 5. Assign WING (Port 2) & WING (Port3) as Receive From and Send To, set #Ch's to 8



Custom Control Section

The **SETUP** \rightarrow **DAW** page provides an additional switch to include the upper part of the Custom Control Section. Since the usage of the upper CC-Section is Protocol-Specific (MCU/HUI) further explanation can be found in the respective Chapters.

Overview

Use the DAW-Button to activate DAW-Control. Depending on the DAW the jog wheel and arrow keys can be used for navigation and zoom functionality. When in DAW-Mode, the buttons labeled "2-TRACK TRANP", "MULTI TRANSP", "MUTE GROUPS" and "SHOW CONTROL" correspond to four dedicated DAW CC-Layers.

All DAW layers can be freely assigned with functions, however we recommend using one of the presets for a quick start.



Assign Function to CC-Section

Assigning functionality to one of the four DAW layers works in the same way as for the general Custom Control Section. This means you can assign any command and adopt the displayed name to your needs.

Use the VIEW-Button of the lower portion to enter the CC configuration screen. Select DAW BUTTONS or DAW V-POTS in the functions list and add MCU-Commands to any control you like. Depending on the respective DAW function, please use the Edit-Name button to adjust the label in the display.

IMPORTANT:

The listed MCU Commands are the standard assignment of the original Mackie MCU Hardware unit. The name of the MCU command and the function in the respective DAW do not necessarily match. To create your own presets for different DAWs, we recommend to lookup the function for different MCU commands in the DAW you are using. For a quick start, please have a look at the translation table in the appendix. This document compares MCU commands to their function in different DAWs.

*This list was NOT created in cooperation with the respective DAW manufacturers

(no warranty for correctness or completeness)

Beside casual surface buttons of the original hardware it is also possible to assign buttons to the CC-Section that are originally tied to a channel. Those functions are indicated with square bracket. To activate the function the CC-Button and a button in the channel need to be pressed at the same time.

Name	Туре	Protocol	Function
Fadertouch [MUTE]	LATCH	MCU + HUI	1.Activate CC 2.Press MUTE of channel to activate fader touch (X32 like)
V-POT CTRL [SEL/SOLO]	LATCH	MCU + HUI	1.Activate CC 2.Hold SELECT and use jog wheel to turn virtual encoder
V-POT CTRL [SEL/SOLO]	LATCH	MCU + HUI	1.Activate CC 2.Press SOLO to push virtual encoder
RECRDY CTRL [SEL]	PUSH	MCU + HUI	Press SELECT while holding CC to activate RECORD in channel
AUTO [SEL]	PUSH	HUI (only)	Press SELECT while holding CC to press AUTO* in channel
V-SEL [SEL]	PUSH	HUI (only)	Press SELECT while holding CC to press V-SEL* in channel
INS [SEL]	PUSH	HUI (only)	Press SELECT while holding CC to press INS* in channel

* Button of original Mackie HUI hardware

In addition to explicit DAW-Functions, console functions can be stored in the DAW-Layers as well. Depending on the selected protocol functions are greyed out on the assign page and hidden on the CC LCDs.

Store Preset

EN

As soon as the surface is adapted to ones needs, a preset can be stored. The DAW layers are part of the CC Section and can be saved within a snapshot providing a corresponding recall scope. To do so navigate to the Library and store a Snapshot. To limit the snapshot to the parameters of the CC Section, select CUSTOM in the recall scope only.

	CONSOLE USB 17:38:56 2020-06-10
SNAP CH FX ROUT CO CH FX ROUT CH FX ROUT CH FX ROUT	GLOBAL RECALL SCOPE
LH LH1912 E	CHANNEL SOURCE SETUP 1 2 5 6 7 6 9 10 12 14 6 0
LH BASIC 5NAP 2019-12-01 13:10:17	2 3 4 5 6 7 8 LCLAUX A B C SC
LH1912 D 2019-11-22 23:55:17 2019-11-22 23:55:17 2019-11-22	BUS 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 CONFIGURATION
LH1912 C 23330 LH1912 B 2019-1-2 221800	MAIN MATRIX 1234 1234 5528 DCAM ALDIO SFC CUSTOM
LH1912 A 21/03/16 21/03/16	
	CH//UX/BUS/MAIN/MTX/GROUP DATA
	SAVE UPDATE J LOAD

Share Preset

The presets provided on the Setup Page are intended to be a starting point for different DAWs. We really want to improve these and would like to encourage all customers to exchange ideas and presets in our community.

Please visit: musictribe.com

MCU – Implementation The MCU implementation offers support for up to 24 faders and is different from other protocols in terms of additional functions that can be accessed via the layer buttons and the upper part of the CC section.

Layer Buttons

The former layer buttons are assigned to virtual buttons of the original Mackie MCU-Hardware:

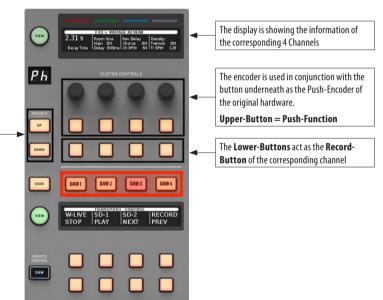
LEFT		MID		RIGHT	
VIEW	\approx NAME/VALUE*	VIEW	\approx NAME/VALUE*	VIEW	\approx NAME/VALUE*
CH1-12	\approx TRACK*	SOF FLIP	\approx FLIP*	MAIN/MATRIX	\approx TRACK*
CH13-24	\approx PAN*	DCA	$\approx PAN^*$	DCA	\approx PAN*
CH25-40	\approx SEND*	MAIN/MATRIX	\approx SEND*	CH1-40	\approx SEND*
AUX/FX	\approx EQ*	AUX/FX	$\approx EQ^*$	AUX/FX	\approx EQ*
BUS/MASTER	\approx PLUGIN*	BUS/MASTER	\approx PLUGIN *	BUS/MASTER	\approx PLUGIN *
USER1/USER2 [navigate faders in bar	nks of 8]	USER1/USER2 [navigate faders in ban]	ks of 8]	USER1/USER2 [navigate faders in ban	ks of 8]
<pre></pre>		<4 / 4> [navigate faders by sing			gle channel]

* Button of original Mackie MCU Hardware

Upper CC-Section

When using the MCU-Protocol, there are two modes for the upper portion of the CC-Section.

If the USER-Layers is selected in the lower portion it is completely customizable. If one of the DAW-Layers is selected the assignment is preconfigured with Push-Encoder functions in blocks of 4:



- This section is representing 4 channels of the virtual hardware controller. There are two ways to navigate channels:
- 1. SELECT a channel and the section jumps to the corresponding 4CH-Goup

2. Navigate through channels in clocks of 4 using the UP- and DOWN-Button

HUI- Implementation The HUI implementation offers support for up to 24 faders and is different from other protocols in terms of additional functions that can be accessed via the layer buttons and the upper part of the CC section.

Layer Buttons

EN

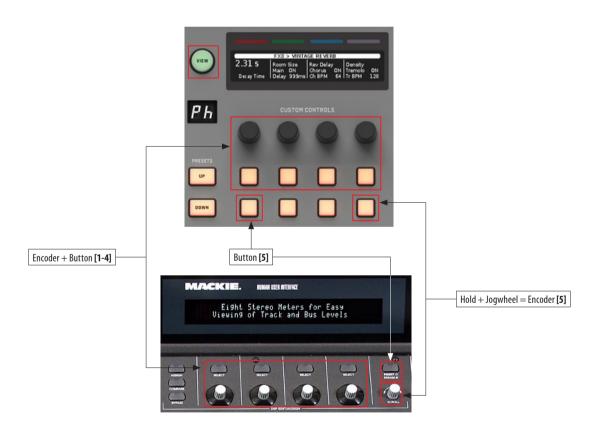
The former layer buttons are assigned to virtual buttons of the original Mackie HUI-Hardware:

LEFT		MID		RIGHT	
VIEW	\approx PAN*	VIEW	\approx PAN*	VIEW	$\approx PAN^*$
CH1-12	\approx SEND A*	SOF FLIP	\approx SEND A*	MAIN/MATRIX	\approx SEND A*
CH13-24	\approx SEND B*	DCA	\approx SEND B*	DCA	\approx SEND B*
CH25-40	\approx SEND C*	MAIN/MATRIX	\approx SEND C*	CH1-40	\approx SEND C*
AUX/FX	\approx SEND D*	AUX/FX	\approx SEND D*	AUX/FX	\approx SEND D*
BUS/MASTER	\approx SEND E*	BUS/MASTER	\approx SEND E*	BUS/MASTER	\approx SEND E*
USER1/USER2 [navigate faders in bar	nks of 8]	USER1/USER2 [navigate faders in bar	USER1/USER2 [navigate faders in banks of 8]		ıks of 8]
<4 / 4> [navigate faders by single channel]		<4/4> [navigate faders by sin	<4/4> [navigate faders by single channel]		gle channel]

 $* \approx$ Button of original Mackie HUI Hardware

Upper CC-Section

In addition to the preassigned Push-Encoder function (see MCU) for the upper section. Mackie HUI has an additional encoder section that can be activated by pressing the VIEW-Button of the upper part while using one of the DAW-Layers.



We Hear You

