TASCAM
TEAC Professional Division

FRONTIER
DESIGN GROUP

FW-1082

FireWire Audio-MIDI Interface / DAW Control Surface

Release Notes – Version 1.50
032105

FW-1082 v1.50 Release Notes

This document describes how to setup Cubase SX 2.2, Cubase SX3, Nuendo 2.2 and Nuendo 3 for the FW-1082 and how to use the FW-1082 features to control the DAW app.

Fixed Since v1.50 Public Beta

The issue below was discovered during Public Beta and has been fixed in this Release:
- Adjusting a Pan control after adjusting an EQ control will intermittently adjust the EQ control.

Installation

There are two Windows files available, a Full Installer and an Updater. Select the correct one to use from the following guide:
- If you are running Windows XP Service Pack 1 and have not installed any FW-1082 drivers, use the 10MB Full Installer
- If you are running Windows XP Service Pack 1 and have previously installed an FW-1082 Full Installer, use the Updater.
- If you are running Windows XP Service Pack 2, use the Updater.

Setup

1. In the FW-1082 Control Panel, select Cubase SX / Nuendo under Control Protocol
2. In the Steinberg app, select Devices > Device Setup.
   a. If using Cubase SX 2.2 or Nuendo 2.2, click on the Add/Remove tab.
   b. Add one Mackie Control device.
   c. Click on the Setup tab and assign the Mackie Control device's MIDI In and Out to the FW-1082's control port. Press Apply.
3. If using Cubase SX 3 or Nuendo 3, click on the + sign in the upper left of the Device Setup window and add one Mackie Control device.
4. Click on the newly created Mackie Control device and assign its MIDI In and Out to the FW-1082's control port. Press Apply.
5. Note whether Enable Auto Select is checked. When checked, this automatically selects the channel in the DAW corresponding to the touch sensitive fader when the fader cap is touched.
- To avoid confusion, we also recommend going to File/Preferences/Editing and unchecking "Enable Record on Selected Track"

Note - *If your Project includes MIDI tracks you should select something other than "All MIDI Inputs" as each tracks input option. Not changing this default will result in an armed MIDI track trying to record all control surface data.*

Operation

Channel Strips

The channel strips controls directly affect the associated on-screen channel. There are also a few special controls:

REC + any SEL	toggle track's record enable
SHIFT + any SOLO	un-solo all tracks
SHIFT + any MUTE	un-mute all tracks

Note: *When you SOLO a channel, Cubase SX 2 also selects that channel.*

Transport

The five main transport buttons (REW, F FWD, STOP, PLAY, RECORD) control their equivalent on-screen buttons. In addition, the buttons in this part of the FW-1082 have these functions:

SHIFT + REW	undo
SHIFT + F FWD	redo
SET + REW	go to beginning of project
SET + F FWD	go to end of project
SET + STOP	save
SET + RECORD	toggle punch in on/off
< BANK	Shift left 8 channels
BANK >	Shift right 8 channels
SHIFT + < BANK	Shift left 1 channel
SHIFT + BANK >	Shift right 1 channel
IN	go to left locator
OUT	go to right locator
SET + IN	user-programmable F5 (see below)
SET + OUT	user-programmable Shift + F5 (see below)
<< LOCATE	previous marker
LOCATE >>	next marker
SET + << LOCATE	add marker
SET + LOCATE >>	add marker

The data wheel can be used to move the timeline forwards and back. The SHTL button and light near it control CYCLE (LOOP) on/off. The arrow keys operate just like the arrow keys on your computer keyboard.

EQ/PAN/AUX

The EQ/PAN/AUX section controls always are applied to the selected track. The mode of these controls is determined by the three buttons and lights at the bottom of the section. Here's a summary of the rest of these controls:

In EQ/PAN mode:

> Press EQ band to adjust it on selected track
> Hold SHIFT to see EQ band on/off state on selected track
> Hold SHIFT and press EQ band to toggle on/off on selected track
> Turn GAIN, FREQ, Q, or PAN knob to adjust selected track (and band)
> Hold SHIFT and turn knob for fine adjustment on selected track

In AUX 1-4 mode:

> Press AUX 1-4 button to toggle send on/off on selected track
> Hold SHIFT to show pre/POST send state … press AUX 1-4 buttons to toggle
> Turn AUX 1-4 knobs to adjust aux send level … hold SHIFT for fine adjustment

In AUX 5-8 mode:

> Press AUX 5-8 button to toggle send on/off on selected track
> Hold SHIFT to show pre/POST send state … press AUX 5-8 buttons to toggle
> Turn AUX 5-8 knobs to adjust aux send level … hold SHIFT for fine adjustment

Note: *MIDI tracks do not have EQ and AUX adjustments*

Note: *Before an aux send can be turned on, it must first be assigned to a group channel or output channel.*

Note: *For proper operation, press the CTRL button and then turn the encoder. Pressing CTRL while you are turning the encoder you may result in unwanted changes to AUX or EQ parameters.*

User Programmable Functions

There are 9 user-programmable functions that can be used with Cubase SX 2. To program these, go to "Device/Device Setup …", select "Mackie Control" on the left and the "Setup" tab on the right. You can now program the USER A (the footswitch) and F1-F4 buttons, both unshifted and shifted. There are also two other user-programmable functions that we strongly recommend mapping to the set left/right locator functions:

Buttons	Mapped to	Program as
SET + IN	F5	Transport/Set Left Locator
SET + OUT	Shift + F5	Transport/Set Right Locator

Note that you cannot access the USER B or F6-F8 programmable functions in Cubase SX 2 from the FW-1082.

There are *hundreds* of functions that can be applied to these buttons. Some that are particularly useful are:

- Transport/Metronome on (toggles click on/off)
- Devices/Mixers (toggle the mixer window on/off)
- Add Track/Audio
- Zoom/(various options)