

# ***FRIEND-CHIP,*** STUDIO ELECTRONICS

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EMAGIC  
SOUNDDIVER OEM FOR  
FRIEND-CHIP  
DMX digi-ma'x routers



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14.10.2000  
with thanks to EMAGIC and Michael Haydn

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Please use the DMX\_16 version to control the DMX 12 / 12.  
Patches from Source 13 to 16 and to Destination 13 to 16 are ignored in the  
DMX 12/12 hardware

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## 1. Basics

SoundDiver is a very sophisticated program to control midi equipment from computers. Various platforms are supported: WINDOWS as well as MAC OS.

Since the remote control for a patchbay is a very simple application, many functions of the real SoundDiver were deleted. Some are still there without meaning to the matrix remote oem.

Any change of patching in the matrix editor is immediately transmitted and executed in the hardware, but the task "GET COMPLETE" must be enabled in the DMX hardware to receive complete dumps with all 50 presets and name lists.

Since the SoundDiver OEM sends such complete dumps under several circumstances a "SYSEX ERROR" may be displayed at the DMX hardware.

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## 2. Brief Instruction

You find two important windows:

- a) Device
- b) Editor

first open "Device".

on the left a "parameter" section is displayed.:  
here you select the midi-port and the ID number which codes the sysex transmission and must be identical with the ID selected in the DMX hardware (default =1).

NOTE:

the transmission ICON on the top allows you to dump all 50 patches and device names into the hardware. The task "GER COMPLETE" must be selected in the hardware before transmission.

After you selected the midi-port and ID you may delete the "parameter" display From the screen ("view" or right mouse key).

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double-click now onto "device names"  
to open the names editor and enter the device names.

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double-click on "edit-patch"

or select "open editor" to open the matrix editor  
the matrix is programmed just by setting the dot on the crosspoint.

NOTE:

if you disable the "option: hold transmission" (right mouse) the content of the matrix editor is transmitted to the hardware, whenever you change the patching, and patches really change. The digi-ma'x displays MIDI SYSEX O.K.

You may enter a name for the edited patch and then select "Store in" to store it in the patches list.

NOTE:

SoundDiver will transmit the complete set whenever the patches list is changed. Since the digi-ma'x hardware ignores that, MIDI SYSEX ERROR is displayed. Select the "task: GET COMPLETE" to get the complete dump into the hardware.

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the "option: hold transmission" allows you to change patches, without transmission. when you cancel the "hold transmission" the latest setting is transmitted.

NOTE:

you have direct access to all 50 patches.  
once the patches are programmed, just double-click on the desired patch in the patches list and data is sent out via midi-sysex and is displayed in the matrix editor.

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save all settings with "file: save preferences". When you close the SoundDiver application all settings are saved automatically.

NOTE:

you may save the complete data as midi-standard file, this helps if for example device names were added for a certain session....

you may also save a single patch as midi-standard file. Play this back from a sequencer to change the matrix at a certain point of a song.

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