



FROM GLEN MACARTHUR

**Fully supported PRO audio (and video) hardware
interfaces for the AV Linux**

T a b l e o f c o n t e n t



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Click the green items even little green squares for navigation !

Fully Working Devices

Here is a list of devices proposed by Avlinux forum's members and others. Please read « support » or « comment » for warnings.

Great thanks to all participants !

<http://bandshed.net/forum/index.php?PHPSESSID=f7TOTtU8IGYnhJnlMz9133&topic=2180.0>

AUDIO

Akai – Lexicon – Realtek

Akai

RPM3 (speaker + audio interface)

USB-1

IO ch : 2/2 (via usb output, records stereo)

Alesis

M1 Active 320 USB (speaker + audio interface)

USB-1.1

INTERFACE: Class Compliant USB (no drivers needed)

16-Bit / 48 kHz recording and playback

IO ch : stereo in (mini-jack, RCA)/ stereo out (1/8" TS output to passive speaker)

Support: Fully working for audio output (input not tested yet)

SPECIAL FIRMWARE REQ'D: Probably not, since USB Class Compliant

Art

USB Dual Tube Pre

USB 2.0

IO ch : 2/2

Audiotrak

Inca 88

PCI

IO ch : 8 In/8 Out (analog) in a shielded external box, in and output level: -10dBv

(unbalanced), +9.0dBv max., supported sample rates: 32, 44.1, 48kHz, 20-bit S/PDIF digital output (optical TOS-Link and coaxial RCA): 44.1 & 48kHz

Support: working. Reported by [Rodney](#) (august , 2018)

SPECIAL FIRMWARE REQ'D:

Behringer

FCA-610

USB-2.0 + Firewire

IO ch : 6 In/10 Out [4/8 + Spdif (coaxial and optical)], 24-Bit/96 kHz, Audio/MIDI

Interface with MIDAS Preamplifiers with phantom power.

Support: USB Fully working, Firewire not tested, Midi not tested, but appears in qjackctl, so it should be working

Note: Open alsamixer and select USB-Bus for synchro

Uca 222

USB-2.0

IO ch : 2in 2out on pin RCA, 16bits/48khz, spdif, headphone on minijack

Support: work perfect all system operative (gnu linux, mac osx, windows) no driver (august 10 -2018) [[gennargiu](#)]

]

X Air X18

USB-2.0 + Firewire

I/O ch : 18in 18out

Support: Fully working (march 20 -2017) [by andydnr]

SPECIAL FIRMWARE REQ'D: No, running 1.15

Also, MIDI channels all show up but haven't done anything with them. Safe to assume XR12 & XR18 would work as well.

XR18

USB

I/O ch : Inputs: 16 combo xlr/line, 2 line Outputs: 6 aux, main L/R

Support: Works great out of box. X-Air edit software from behringer works as well.

Cakewalk (Roland)

UA-4FX

USB

I/O ch : Record: 1 pair of stereo.Playback: 1 pair of stereo. Full duplex (Except 96 kHz)

Line Input: -10 dBu. MIC Input (XLR): -45 to -12 dBu. MIC Input (non-XLR): -45 dBu. GUITAR Input: -30 dBu

UA-1G

USB 2

I/O ch : 2/2 (haven't tried the mic or guitar input - only the stereo inputs)

UA-25EX

USB1

I/O ch : 2/2 & midi i/o



Creative

SoundBlaster PCI 128

PCI

I/O ch : 2/2

SoundBlaster Live!

PCI

I/O ch : 2/2

Echo Digital Audio

AudioFire12

firewire

I/O ch : 12/12

AudioFire 4

Firewire

I/O ch : 2 XLR mics/with phantom power (only that has been utilized)

SUPPORT: Fully working except phantom power config (switch on/off) & everything about midi ports

Special Firmware REQ'D: Works with updated firmware or without

Mia Midi

PCI, PCI-X (3.3/5 volt)

I/O ch : [2/2, MIDI in/out, 24 bit coaxial S/PDIF digital I/O] supports full duplex 4 channel in, 4 channel out operation.

Indigo

CardBus

I/O ch : 2/8/8 input/monitor/playback.

Edirol (Roland)

FA-101

Firewire

10/10 (8+2 SPDIF) for 44.1/48/88.2/96 kHz, and 6/6 for 192kHz

UA25

USB

I/O ch : 2/2

E-Mu



1616 pci (with breakoutbox)

PCI

I/O ch : (8)Channel ADAT Digital Optical Input
(8) Channel ADAT Digital Optical Output
(2) Channel S/PDIF Digital Input
(2) Channel S/PDIF Digital Output
(2) MIDI Inputs & Outputs (allows 32 MIDI channels)
(4) 24-bit Balanced Line Inputs
(6) 24-bit Balanced Line Outputs
(2) Microphone/Line Preamp Inputs (with +48V phantom power)
(2) Turntable Preamp Inputs (with RIAA equalized preamplifier)
(1) Stereo Headphone Output (with volume control)
(3) Stereo Computer Speaker Outputs (with 1/8 jacks to connect powered speakers)

Edit 2012-11-04: no MIDI. ALSA- firmware 1.0.25

ESI

Juli@ XTE

PCI-E

I/O ch: 2/2 Analog, 2/2 spdif, midi I/O

SUPPORT: Fully working

SPECIAL FIRMWARE REQ'D: ALSA (but you already knew that)

Gigaport HD+ (a multichannel playback)

USB

I/O ch: 0/8 (8 independent output channels with RCA connectors)

24-bit / 96kHz D/A converter – 4 different playback modes (8/6/6/2ch, 44k to 96k)

2 (different mode) independent stereo headphones outputs

SUPPORT: Fully working

SPECIAL FIRMWARE REQ'D: ALSA (but you already knew that)

ESI Maya44

PCI

I/O ch :4 analog inputs, 4 analog outputs (SPDIF in and out not tested)

SUPPORT: Mostly working (by **nik gnomie** april 02, 2017)

COMMENT: option for mono mic input with phantom power works, but noisy
Only 1 stereo audio output in pulseaudio, but fully working in alsa and jack

Fender

Mustang series

USB

I/O ch : 2 in/ no outputs

Focusrite



Saffire Pro24

firewire

I/O ch : 4 analog inputs, 6 analog outputs, headphone jack, midi, 8 ADAT, 2 S/PDIF

Support: Fully working (but I have not used ADAT, S/PDIF).

Comment: Works in recent AVLinux versions, but FFADO svn > 2062

added some improvements to ffado-mixer, and performance and are recommended (AVL5.0.3 has svn 1995). I'm using svn 2118.

Saffire Pro 26

Firewire

I/O ch : 26 inputs and 26 outputs, midi in/out.

Saffire Pro 40

Firewire 400

I/O ch : 8 XLR amplified, total 20 with ADAT and Spdif, 1 midi in/out

Support: Fully working, use FFADO Mixer for DSP routing.

Note: use FFADO Mixer for DSP routing. Jack don't stop correctly, Qjackctl needs to press stop three times (that can be a problem for ladish for ex.).

Saffire /with DSP

Firewire 400 □

I/O ch : 4/8/2 in/out/Sdif, midi in/out

Support: Rock sold in jackd @ 1.5ms and HarrisonMixBus/Ardour
FFADO Mixer, Limited DSP for now.

Scarlett 18i20

USB 2,0 □

I/O ch : 18/20, 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz

Support: Fully Working

Special Firmware REQ'D: Not known

Forum Reporter : [Rickkkk](#)

VRM Box

USB

I/O ch : 2/2/2 in/monitor/out - RCA S/PDIF . Could not get software to install in wine. I have not yet recorded with it.

SUPPORT: Not fully tested, Playback sounded good.

Gem Sound

PL-USB Turntable

USB

I/O ch : 2/2/2/ input/monitor/output

HotAudio

DAC Destroyer

USB

I/O ch : 2 analog outputs

SUPPORT: Fully working (by nix gnomix april 02, 2017)

Comment : USB class compliant.

IK Multimedia

iRig Pro Duo

USB2

I/O ch : 2/2

SUPPORT: Yes

Special Firmware REQ'D: No

Reported by [Gmaq](#) (august 17, 2018)

Keith McMillen

QuNeo

USB 2.0

I/O ch : None

Lexicon □

ALPHA Desktop interface

USB

I/O ch : 2/2

Support: Working as a MIDI control device, but without the ability to switch "modes"...for instance, no ability to switch to "grid mode" which would allow the 16 pads to send a total of 64 different MIDI messages.

Special Firmware REQ'D: Yes, required to switch "modes." Software can be found at these spots:

<https://bitbucket.org/jrussellsmyth/qntools>

<https://github.com/jnurmine/quneo-linux>

Omega

USB

8 (4) inputs and 2 outputs, midi in/out



Line6

TonePort GX USB (TonePort GX is no longer made)

USB 1.1 & 2.0 Compatible (USB hubs are not supported)

I/O ch : 1/4-inch input for instruments and microphone, 1/8-inch stereo headphone/line output with master volume knob

Support: Working. Reported by [Rodney](#) (august , 2018)

Special Firmware REQ'D:

Mackie

Onyx Blackjack 2x2 USB

USB

I/O ch : 2/2

Support: After testing for a few days, appears to work ok.

M-Audio

1010LT

PCI

I/O ch : 10/10 (8+2 SPDIF)

M-Audio FireWire Solo

I/O ch : 6 x 4 in/out, 24 bits/96 kHz (44.1, 48, 88.2 et 96 kHz), S/PDIF,

Support: Driver FFADO. work perfect on av linux 2018.

Reported by [gennargiu](#) (july 3, 2018)

Delta Audiophile 2496

PCI

I/O ch : 2/2 cinch with 24Bit/96kHz, SPDIF I/O, MIDI in/out

Delta 66

PCI

I/O ch : 6/6 (4+2 SPDIF)

FastTrack C600

USB

I/O ch : 4x6 + SPDIF + MIDI

Comment : Does anyone know if this either is supported (how?) or is it completely hopeless to even try (somebody tried and determined it can't work?)

M Plus

USB

I/O ch : 2 mic/line inputs, 2 analog outputs, headphone jack, (not used SPDIF or MIDI)

SUPPORT: Fully working (by [nik gnomnic](#) april 02, 2017)

Comment : USB class compliant.

Ozonic

[Firewire audio/midi interface keyboard controller]

I/O ch : 4 x 6 analog I/O on 1 x XLR mic input, 1 x 1/4" instrument input and 2 x 1/4" TS jacks

Midi : 2 x FireWire MIDI Out (one to MIDI Out, one to keyboard)

< 2 x FireWire MIDI In

Comment : FireWire interfaces need to be plugin and unplugged with both the Pc and Device powered down or damage could result to both Firewire is NOT like USB one off the reasons firewire was dropped. Reported by [joe.k](#) (august 28 ,2018)



1812

FireWire

I/O ch : 18/12

Support: Absolutely NOT working. Reported by [Rickkkk](#) (jan 9 , 2018)

Special Firmware REQ'D: Not known

MixVibes

Umix44

USB1.1
I/O ch : 4in 4 out (RCA). Intended in Djs



Motu

8pre

FireWire
I/O ch : 16/12
Support: playback works. Headphones separate monitoring works. Interface's options appear in FFADO mixer. I had no opportunity to test recording, ADAT ins/outs, MIDI.

Native Instruments

Komplete Audio 6

USB 2.0
I/O ch : 6/6 (4+2 SPDIF)

Phonic

Helix 24 Mark II

FireWire
I/O ch : 16/2

Presonus

AudioBox iTwo Studio

usb 2
I/O ch : 2(xlr/jack)/2(jack)
Support: Yes

Special Firmware REQ'D: No

Reported by [ddayhtx](#) (july 1, 2018) :

I originally bought this when I used Windows. Had to do the usual install off a disc then update. As soon as I plugged into Linux and rebooted it worked. Good for home studio set up

1818VSL

usb 2
I/O ch : 18/18

Support: Class compliant so hardware works, *VSL DSP does not work with Linux
Special Firmware REQ'D: Not known



Firepod (FP10)

FireWire
I/O ch : 10/10 (8+2 SPIDF), MIDI. Up to three units can be daisy-chained.
Special Firmware REQ'D: None (firmware v2.46 is required for daisy-chaining)

FireStudio

FireWire
I/O ch : 8/2

StudioLive AR-16

usb 2
I/O ch : 18/4
Support: Yes

Special Firmware REQ'D: No

Reported by [Gmaq](#) (august 17, 2018) :

Realtek

HDA nVidia Realtek ALC880

PCI (motherboard)
I/O ch : 2/2

Rme

Multiface I -

PCI Slot, ExpressCard, Cardbus pcmcia host

I/O ch : 18/18 (8+8ADAT/stereo+2SPDIF) midi

Support: Fully working

Comment : [...although hdsploder seems unhappy about not finding 'multiface_firmware_v.11'...and I haven't tested the ADAT or midi yet...but all 18 ports are visible in qjackctrl, and it sounds as good as ever] (feb 2016 by DMt)

Hammerfall HDSP 9652 (with audio extension board)

PCI Busmaster

I/O ch : 2 + 24 Channels SPDIF/ADAT Interface; 24 Bit/96 kHz Digital Audio;
2xMIDI I/O

SPECIAL FIRMWARE REQ'D: hdsploder, HDSPMixer is mandatory. Vendor added

Digi9636 rev1.5

PCI

I/O ch : 18/18 (16/16 via ADAT lightpipe, 2/2 SPDIF)

Fireface 800

Firewire [2x800, 1x400]

I/O ch : 2 ADAT (16 channels)(optical possible)(comp AES/EBU)

+ 10 analog In channels (4 mic/line xlr+TRS 6.35 => preamp class A)

+ 2 S/PDIF (comp AES/EBU)

- Total possible 56 mono channels 24bits/192 kHz (192khz less simultaneous channels)

+ Phones (ch 9/10)

+ Word In/Out (BNC)

+ 9 analog out (8 sym TRS 6.35 + 1 non-sym TRS 6.35)

+ 1 In/Out MIDI on épanoui mini-DIN, 16 channels MIDI

- Time Code Option (TCO) for synchro with LTC or video

SUPPORT: Works perfectly except midi, full configure via ffado mixer panel
this is one of the best deals for professional audio on linux if you can deal with firewire. make sure you have a compatible firewire card with texas instruments chip installed. (by [lilakmono](#))

Roland

ED MU-2 Midi interface

Usb 1

I/O ch : 2Midi ins/2Midi outs

UA-55 Quad-Capture

USB 2.0

I/O ch : 2 TRS/XLR inputs, MIDI input, coaxial 3/4 input. 2 TRS outputs, coaxial 3/4 output, MIDI output, headphone TRS output.

SUPPORT: audio inputs and outputs work with Jack running at 96khz, but the input gain knobs aren't working yet. Driver is currently in development, built into an AV Linux 3.8-pae kernel, the latest of which can be found linked in this forum:

<http://www.remastersys.com/forums/index.php?topic=2857.60>

Samson

GoMic

USB

I/O ch : 21 mic input, 2 headphone output

SUPPORT: Fully working (by [nik gnom](#) april 02, 2017)

Comment : USB class compliant.

Sound Devices

USBPre 2

usb



IO ch : 2/2 (analog and digital)

Special Firmware REQ'D: None. Hold down Ch. 1 Input Select while plugging in for Linux Use per manual.

Comment : Absolute best 2 channel USB I/O available (big claim I know). Not cheap but totally Pro.

Tascam

US-122

usb-1

IO ch : 2/2/2 input/monitor/playback. also:midi in/out.

US-122L

usb-2

IO ch : 2/2

SUPPORT: Fully working (Need to add Libasound2-plugins from Wheezy repositories and .asoundrc file in Home directory). Only functional in JACK (usb_stream:(assigned number) under JACK settings-> Device) .

Fireone (Firewire/Midi/Control interface).

Firewire 400

IO ch : 2/2 audio, one midi in/out DAW control works in Ardour by selecting Mackie control but it glitches.

Support: Output sounds fine, but input recording has heavy distortion.

US-800

USB

IO ch : Inputs: 2 mic/instrument, 4 mic, 2 spdif Outputs: 2

Support: Fully working with default hardware monitoring

US-16x08

USB 2.0 High Speed

IO ch : 16 in, 8 out , 44,1/48/88,2/96 kHz, 16 bits or 24 bits, midi in/out

Comment : This is in the new 4.11 and 4.12 kernels hopefully this DSP mixer quirk can be backported . or someone can build a rt kernel when rt catches up.

ALSA: usb-audio: Tascam US-16x08 DSP mixer quirk. Add mixer quirk for Tascam US-16x08 usb interface. Even that this is an usb compliant device, the input channels and DSP functions (EQ/Compressor) aren't accessible by default. untill now. See also mixer panel jpg at :

<http://bandshed.net/forum/index.php?topic=2180.30>

_____ below by [troathscream](#) - <https://github.com/onkelDead>

[ardmix](#) Android app to control Ardour via OSC for live mixing and recording
[tascam.lv2](#) LV2 plugin to control Tascam US-16x08 interface via cutsom als driver

[tascam-driver-patch](#) patch file to add Tascam US16x08 mixer support to kernel driver snd-usb-audio

[tascam-gtk](#)

GTK+ based application to control Tascam US-16x08 DSP mixer

[oscbridge](#) Service to wrap from UDP to TCP based Open Sound Control communication.

T.C. Electronic

Konnekt 6

Firewire

IO ch : 2/2

Support: Fully working except phantom power on/off switch

Vox

ToneLab EX (guitar)

usb (type B)

I/O ch : Input (jack), aux in (jack)

Output/phones (jack) (stereo/mono)

Processing : A/D conversion 24-bit, D/A conversion 24-bit, Sampling frequency 44.1kHz

Support: Fully working input

Comment : Is the software working with wine ?

Yamaha

THR10 (USB Mini Amp (10-21-12))

usb 2

I/O ch : 4 in / 2 out (2 Wet and 2 Dry inputs) (Windows editor works in wine 1.4)

Support: Fully working (will need a special kernel installed should be in the kernel/testing archives by end of Oct 2012) image-3.0.46-avl

Zoom

H4

USB 1.1

I/O ch : 2/2 (16 bit I/O as interface, can do 24 bit standalone) - records in Mono or Stereo, can add effects

Output audio sent to 1/8" line/headphone jacks.

MIXERS

Allen&Heath

Zed 10fz Mixer

USB

I/O ch : 2/2

Support: Working but not fully tested. Tested outputs only sounded good. I have not recorded with this Mixer.

Zed 14

USB 1

I/O ch : 2/2 (Selectable between Main Mix pre/post fade, Aux1-2, Aux3-4)

Behringer

Xenyx 1622 Mixer

USB

I/O ch : 2/2

Support: Working but not fully tested , Tested outputs only but sounded good . I have not recorded with this Mixer.

Mackie

Onyx 1640 (w/ Firewire Option Card)

FireWire

I/O ch : 16/2

Support: Fully working.

VIDEO

Canopus

ADVC-100

FireWire

Hauppauge

WinTV PVR-150

PCI

WinTV HVR-1950

USB-2

Support: Fully working (works great with TV Viewer)

SPECIAL FIRMWARE REQ'D: Yes requires Hauppauge firmware included in AV Linux 6.0.2+

Sony

HandyCam DCR-TRV460

FireWire

Logitech

QuickCam

USB

Samsung

SC-D382 miniDV Camcorder

FireWire

Pinnacle

HDTV model 801 se

USB

RocketFish

2MP AF Web Cam

usb

Acer

Crystal eye Web cam

Interface: Acer Laptop Builtin

Radeon

HD 5450 (500 Mo)

pci-E x16

IO ch : 3 video out: 1 VGA, 1DVI, 1HDMI

Support: Fully working but only with proprio drivers in avlinux6

SPECIAL FIRMWARE REQ'D: non-free firmware. (Rem:'arandr' don't work out of the box) Needs to boot with the special script, cf manual. I always blacklist hdmi for audio working.

Panasonic

HDC-TM41

USB 2.0

IO ch : HDMI

Support: Fully working, for transferring MTS video files off the camera.

MIDI, CONTROLLERS, EXPANDERS

Akai

LPD8 Laptop Pad Controller

Comment: config program works with wine.

APC 40

USB

IO ch : midi in / out

Support: Appears to work with Renoise 2.8.1 + Duplex

Synthstation 25

USB 2
I/O ch : Midi I/O

MPK61

USB 2
I/O ch : 8 Faders/Encoder Knobs x 3 Control banks=24 Surface Channels, 16 Drum Pads, 61 Key Keyboard
Support: Class compliant so hardware works, Requires custom MIDI Maps for full functionality with Ardour/Qtractor
SPECIAL FIRMWARE REQ'D: Not known

Alesis

Q25 (keyboard)

USB, MIDI
I/O ch : Shows as Q25 in Jack MIDI and Alsa MIDI

Behringer

BCF2000

USB, MIDI
I/O ch : 16 (MIDI)



Bcd2000

USB
I/O ch : 4in 4 out (master: 2x rca, monitor:1x stereophones
Support: output Working, input not tested

CME

U2Midi (cable)

USB 2.0 full speed (Midi)
I/O ch: 1/1 (midi in midi out)
U2MIDI also includes a function which allows multiple units to be used simultaneously
Support: output Working

Eidirol (Roland)

PCR 800 Midi Keyboard

Midi/usb
I/O ch : Midi in out - visible as pcr (1+2) in alsa tab
Support: works but not tested the controller's assignments -

Korg

MicroKORG

midi
I/O ch: 16x2

M-Audio

Axiom 25 (2nd gen)

usb
I/O ch : midi/capture (1,2,3) midi/playback (1,2)

Axiom49

USB 1.1
I/O ch : MIDI In/Out

Keystation 32

USB1
I/O ch : ported through Jack



Midisport 4x4 Anniversary Edition

Midi/usb
I/O ch : 4in/4out (Midi)
Support: Fully working
Comment : Apparently the 'old' midisport devices (= the non-anniversary versions) need dedicated firmware that can be found via your package manager under the name

'midisport-firmware'

I have not tried this since my device is an 'anniversary' edition and is fully class compliant, so i dont know how well this works. *Reported by [thijz](#) (august 31, 2018)*

Oxygen 61 (MIDI)

USB

Ozonic

[Firewire audio/midi interface keyboard controller]

I/O ch : 4 x 6 analog I/O on 1 x XLR mic input, 1 x 1/4" instrument input and 2 x 1/4" TS jacks

Midi :2 x FireWire MIDI Out (one to MIDI Out, one to keyboard)

< 2 x FireWire MIDI In



Usb-Uno Multiplatform

MIDI-USB cable

Comment: Works fine, though I get better midi performance through the Pro24.

Miditech

Midiface 2x2

Midi/usb (buspowered)

I/O ch : 2in/2out (Midi) - 32 MIDI channels

Support: Fully working

Comment : work pefect on gnu linux distrubution,no driver,out of box.

Reported by [gennargiu](#) (feb 6, 2019)

Nektar

Impact lx25+

USB (USB port on rear panel, and USB bus powered)

Midi key, pads and controller midi usb

Support: Fully working

Comment : work perfect on gnu linux distro and pre-mapped various daw

Reported by [gennargiu](#) (feb 6, 2019)

Turtle Beach

USB MIDI cable

USB

I/O ch : 16 MIDI

Yamaha

Motif Rack ES

Usb (To Host) - MIDI IN/OUT/THRU - Digital Out – Optical Out [appears in alsamidi tab and in audio (system -digital in/outputs) tab]

Line Out - Output L/MONO, R (standard phone jack) - Assignable Output 1-4

M-Audio

Ozonic

[Firewire audio/midi interface keyboard controller]

IO ch : 4 x 6 analog I/O on 1 x XLR mic input, 1 x 1/4" instrument input and 2 x 1/4" TS jacks

Midi :2 x FireWire MIDI Out (one to MIDI Out, one to keyboard)

< 2 x FireWire MIDI In

Comment : FireWire interfaces need to be plugin and unplugged with both the Pc and Device powered down or damage could result to both Firewire is NOT like USB one off the reasons firewire was dropped. Reported by [joe k](#) (august 28 ,2018)

Zoom

R8

USB 2.0

IO ch : [audio interface] 2in/2out/24bits – 44.1/48/88.2/96kHz

Recorder : 8 playback tracks/ 2 simultaneous recording tracks]

Sampler : 8 voices: 16/24bit/44.1/48kHz PCM/WAV

Many features : fx, controllers, mixer, drum kits,...

Comment : Being able to use this since I've migrated to AVL6.0.1 has been great!

I have yet to try the faders and transport controls as MIDI control surfaces.

Specs: <http://www.zoom.co.jp/products/r8/spec/>

R16

USB

[Audio interface] : 8 Input Ch. - 2 Output Ch.

Quantization : 24bit • Sampling Frequency : 44.1, 48, 88.2, 96kHz

Recorder : 16 Physical Tracks

8 Simultaneous Recording Tracks - Recording Data Format : 44.1kHz, 16/24bit WAV

16 Simultaneous Playback Tracks

SUPPORT : « So, we now have the R16 functioning at 100% for recording and control in linux. » -

<http://www.remastersys.com/forums/index.php?topic=3199.msg19545:topicseen#msg19545>

Some Other Audio Midi Devices

List of USB devices in the 3.10 kernel. This by no means a definitive list of USB audio devices that work in Linux just some of the new stuff. Some will eventually make it into the ALSA drivers. By [joe k](#)



Akai

MPD16

Creative

BT-D1

Creative/Toshiba Multimedia Center

SB-0500

Creative/E-Mu devices

Sound Blaster MP3+

E-Mu

0202 USB

E-Mu

0404 USB

E-Mu

Tracker Pre



E-Mu

0204 USB

HP

Wireless Audio

Edirol

UM-1

UA-5

UM-880

SD-90

UM-550

UA-20

SD-20

SD-80

UA-700

PCR

UR-80

PCR-A

UA-3FX

PCR-1

UA-25

PC-50

UA-1EX

UM-3EX

UA-4FX

M-16DX

UA-25EX

UM-3G



Roland

SK-500

SC-D70

XV-5050

MMP-2

XV-2020
VariOS
Digital Piano
GI-20
RS-70
EXR Series
SP-606
FANTOM-X
G-70
Juno-G
SH-201
VG-99
SonicCell
GAIA SH-01
GR-55"
UM-ONE
UA-100
UM-4
SC-8850
U-8
UM-2
SC-8820
PC-300



Boss

GS-10
DR-880
GT-10
Boss JS-8 Jam Station
ME-25"
BR-800
MICRO BR-80
GT-100



Hercules

DJ Console

M-Audio

MidiSport 2x2"
MidiSport 1x1
Keystation
MidiSport 4x4
MidiSport 8x8
Quattro
AudioPhile
Ozone
OmniStudio
Ozone Academic
Fast Track C400
Fast Track C600
Fast Track Ultra"
Fast Track Ultra 8R



Casio

PL-40R

MOTU

Fastlane

Emagic

Unitor8

AMT8
MT4
KORG
PANDORA PX5D
ToneLab
ST
TerraTec
PHASE 26
Aureon5.1MkII
Miditech
Play'n Roll
Stanton
ScratchAmp
Novation
ReMOTE Audio/XStation
Speedio
Twitch
ReMOTE25
Access Music devices
VirusTI Desktop
Rane
SL-1
Native Instruments
MK2 series
Komplete Audio 6
Traktor Audio 6
Traktor Audio 10
Keith McMillen
Stringport
Miditech devices
Midistart-2
Central Music devices
MidiStudio-2
CME UF-x
Hauppauge
HVR-950Q
HVR-850
Digidesign
Mbox
Mbox 2
Tascam
US122 MKII - playback-only support
Microsoft
XboxLive Headset/Xbox Communicator
Reloop
Play
Focusrite
Scarlett 18i6
Yamaha
YAMAHA_DEVICE(0x1000, "UX256"),
YAMAHA_DEVICE(0x1001, "MU1000"),
YAMAHA_DEVICE(0x1002, "MU2000"),
YAMAHA_DEVICE(0x1003, "MU500"),
YAMAHA_INTERFACE(0x1004, 3, "UW500"),
YAMAHA_DEVICE(0x1005, "MOTIF6"),



YAMAHA_DEVICE(0x1006, "MOTIF7"),
YAMAHA_DEVICE(0x1007, "MOTIF8"),
YAMAHA_DEVICE(0x1008, "UX96"),
YAMAHA_DEVICE(0x1009, "UX16"),
YAMAHA_INTERFACE(0x100a, 3, "EOS BX"),
YAMAHA_DEVICE(0x100c, "UC-MX"),
YAMAHA_DEVICE(0x100d, "UC-KX"),
YAMAHA_DEVICE(0x100e, "S08"),
YAMAHA_DEVICE(0x100f, "CLP-150"),
YAMAHA_DEVICE(0x1010, "CLP-170"),
YAMAHA_DEVICE(0x1011, "P-250"),
YAMAHA_DEVICE(0x1012, "TYROS"),
YAMAHA_DEVICE(0x1013, "PF-500"),
YAMAHA_DEVICE(0x1014, "S90"),
YAMAHA_DEVICE(0x1015, "MOTIF-R"),
YAMAHA_DEVICE(0x1016, "MDP-5"),
YAMAHA_DEVICE(0x1017, "CVP-204"),
YAMAHA_DEVICE(0x1018, "CVP-206"),
YAMAHA_DEVICE(0x1019, "CVP-208"),
YAMAHA_DEVICE(0x101a, "CVP-210"),
YAMAHA_DEVICE(0x101b, "PSR-1100"),
YAMAHA_DEVICE(0x101c, "PSR-2100"),
YAMAHA_DEVICE(0x101d, "CLP-175"),
YAMAHA_DEVICE(0x101e, "PSR-K1"),
YAMAHA_DEVICE(0x101f, "EZ-J24"),
YAMAHA_DEVICE(0x1020, "EZ-250i"),
YAMAHA_DEVICE(0x1021, "MOTIF ES 6"),
YAMAHA_DEVICE(0x1022, "MOTIF ES 7"),
YAMAHA_DEVICE(0x1023, "MOTIF ES 8"),
YAMAHA_DEVICE(0x1024, "CVP-301"),
YAMAHA_DEVICE(0x1025, "CVP-303"),
YAMAHA_DEVICE(0x1026, "CVP-305"),
YAMAHA_DEVICE(0x1027, "CVP-307"),
YAMAHA_DEVICE(0x1028, "CVP-309"),
YAMAHA_DEVICE(0x1029, "CVP-309GP"),
YAMAHA_DEVICE(0x102a, "PSR-1500"),
YAMAHA_DEVICE(0x102b, "PSR-3000"),
YAMAHA_DEVICE(0x102e, "ELS-01/01C"),
YAMAHA_DEVICE(0x1030, "PSR-295/293"),
YAMAHA_DEVICE(0x1031, "DGX-205/203"),
YAMAHA_DEVICE(0x1032, "DGX-305"),
YAMAHA_DEVICE(0x1033, "DGX-505"),
YAMAHA_DEVICE(0x1034, NULL),
YAMAHA_DEVICE(0x1035, NULL),
YAMAHA_DEVICE(0x1036, NULL),
YAMAHA_DEVICE(0x1037, NULL),
YAMAHA_DEVICE(0x1038, NULL),
YAMAHA_DEVICE(0x1039, NULL),
YAMAHA_DEVICE(0x103a, NULL),
YAMAHA_DEVICE(0x103b, NULL),
YAMAHA_DEVICE(0x103c, NULL),
YAMAHA_DEVICE(0x103d, NULL),
YAMAHA_DEVICE(0x103e, NULL),
YAMAHA_DEVICE(0x103f, NULL),
YAMAHA_DEVICE(0x1040, NULL),

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YAMAHA_DEVICE(0x1041, NULL),
YAMAHA_DEVICE(0x1042, NULL),
YAMAHA_DEVICE(0x1043, NULL),
YAMAHA_DEVICE(0x1044, NULL),
YAMAHA_DEVICE(0x1045, NULL),
YAMAHA_INTERFACE(0x104e, 0, NULL),
YAMAHA_DEVICE(0x104f, NULL),
YAMAHA_DEVICE(0x1050, NULL),
YAMAHA_DEVICE(0x1051, NULL),
YAMAHA_DEVICE(0x1052, NULL),
YAMAHA_INTERFACE(0x1053, 0, NULL),
YAMAHA_INTERFACE(0x1054, 0, NULL),
YAMAHA_DEVICE(0x1055, NULL),
YAMAHA_DEVICE(0x1056, NULL),
YAMAHA_DEVICE(0x1057, NULL),
YAMAHA_DEVICE(0x1058, NULL),
YAMAHA_DEVICE(0x1059, NULL),
YAMAHA_DEVICE(0x105a, NULL),
YAMAHA_DEVICE(0x105b, NULL),
YAMAHA_DEVICE(0x105c, NULL),
YAMAHA_DEVICE(0x105d, NULL),
YAMAHA_DEVICE(0x2000, "DGP-7"),
YAMAHA_DEVICE(0x2001, "DGP-5"),
YAMAHA_DEVICE(0x2002, NULL),
YAMAHA_DEVICE(0x2003, NULL),
YAMAHA_DEVICE(0x5000, "CS1D"),
YAMAHA_DEVICE(0x5001, "DSP1D"),
YAMAHA_DEVICE(0x5002, "DME32"),
YAMAHA_DEVICE(0x5003, "DM2000"),
YAMAHA_DEVICE(0x5004, "02R96"),
YAMAHA_DEVICE(0x5005, "ACU16-C"),
YAMAHA_DEVICE(0x5006, "NHB32-C"),
YAMAHA_DEVICE(0x5007, "DM1000"),
YAMAHA_DEVICE(0x5008, "01V96"),
YAMAHA_DEVICE(0x5009, "SPX2000"),
YAMAHA_DEVICE(0x500a, "PM5D"),
YAMAHA_DEVICE(0x500b, "DME64N"),
YAMAHA_DEVICE(0x500c, "DME24N"),
YAMAHA_DEVICE(0x500d, NULL),
YAMAHA_DEVICE(0x500e, NULL),
YAMAHA_DEVICE(0x500f, NULL),
YAMAHA_DEVICE(0x7000, "DTX"),
YAMAHA_DEVICE(0x7010, "UB99"),
MOX6/MOX8"
THR10, 10c, 10x, 5a



To confirm with further tests or validation

TC Electronic

Studio Konnekt 48

Firewire

I/O ch : 12 analog inputs, 12 analog outputs simultaneously

96 kHz ADAT (8 channels SMUX), word clock and S/PDIF

30/28 channels simultaneously to/from DAW Digitally controlled analog

main XLR outputs Dual headphone outs with individual amplification, level control and source

Comment : [from ffado.org] No mixer support (ffado 2.1.0)

Prism Sound

Lyra 1

USB

Comment: « Functioning UAC2 on Linux (no coverage of pannel command) »

Lyra 2

USB

Comment: « Functioning UAC2 on Linux (no coverage of pannel command) »

iConnectivity

iConnectMIDI2+

USB

I/O ch : 2/2

MIDI: 2In/Out (DIN5) / 4In/Out (USB)

SUPPORT: Working (not tested 2 channels audio into iPad, only 2 channels out)

Comment : I would like to submit the [following recently introduced device](#) but since I haven't performed any extensive testing to confirm that the audio may be passed into the iPad yet, I can't state that it "Fully Works".

However audio may be recorded *from* the iPad and the MIDI functions work.



USB Interface Devices

Akai

RPM3 (speaker + audio interface) (usb1)
APC 40
Synthstation 25 (usb2)
MPK61 (usb2)

Alesis

Q25
M1 Active 320 USB (speakers + audio interface)

Allen&Heath

Zed 10fz Mixer
Zed 14 (usb1)

Art

USB Dual Tube Pre (usb2.0)

Behringer

BCF2000
FCA 610
Bcd2000P
Uca 222
X Air X18
Xenyx 1622 Mixer
XR18

Cakewalk (Roland)

UA-4FX
UA-1G (usb2)
UA-25EX usb1

CME

MU2Midi

Edirol (Roland)

UA25
PCR 800 Midi Keyboard

ESI

Gigaport HD+

Fender

Mustang series

Focusrite

Scarlett 18i20
VRM Box

Gem Sound

PL-USB Turntable

HotAudio

DAC Destroyer

IK Multimedia

Irig Pro Duo



Keith McMillen

QuNeo (usb 2.0)

Lexicon

ALPHA Desktop interface

Omega

Logitech

QuickCam

Mackie

Onyx Blackjack 2x2 USB

M-Audio

Axiom 25 (2nd gen)

Axiom49 (usb 1.1)

Keystation 32 (usb1)

Oxygen 61 (MIDI)

FastTrack C600

M Plus

MixVibes

Umix44

Native Instruments

Komplete Audio 6 (usb2.0)

Panasonic

HDC-TM41 (usb2.0)

Pinnacle

HDTV model 801 se

Presonus

AudioBoxiTwo(usb2)

1818VSL (usb2)

1StudioLive AR-16 (usb2)

RocketFish

2MP AF Web Cam

Roland

ED MU-2 Midi interface (usb1)

UA-55 Quad-Capture

Samson

GoMic

Sound Devices

USBPre 2

Tascam

US-122 (usb1)

US-122L(usb2)

US-800

US-16x08

Turtle Beach

USB MIDI cable

Yamaha

THR10 (USB Mini Amp (10-21-12)) (usb2)

Motif Rack ES

Zoom

H4 (usb 1.1)

R8 (usb 2.0) [Mini-B type (USB2.0 High-Speed compatible)] Audio Interface / Control Surface or Mass Storage Class operation]

R16 (usb 2.0)[B type (USB2.0 High-Speed compatible)] Audio Interface / Control Surface or Mass Storage

Class operation [A type (USB2.0 High-Speed compatible)] USB Host capability)

USB hub is not supported.

* Intel® Chipset is recommended.

PCI Interface Devices

Audiotrak

Inca 88



Creative

SoundBlaster PCI 128

SoundBlaster Live!

Echo Digital Audio

Mia Midi

E-Mu

1616 pci (with breakoutbox)

ESI

Juli@ XTE (PCI-E)

ESI Maya44

Hauppauge

Hauppauge WinTV PVR-150

M-Audio

1010LT

Delta Audiophile 2496

Delta 66

Radeon

HD 5450 (500 Mo) (pci-E x16)

Realtek

HDA nVidia Realtek ALC880 (PCI (motherboard))

Rme

Multiface I - (PCI Slot, ExpressCard)

Hammerfall HDSP 9652 (with audio extension board) PCI Busmaster

Digi9636 rev1.5



Firewire Interface Devices

(see also <http://ffado.org/> and release notes for more details, even subscribe to user-email-list)

Thanks to ffado's developers and testers!

Behringer

FCA610
X Air X18



Canopus

ADVC-100

Echo Digital Audio

AudioFire12
AudioFire 4

Edirol (Roland)

FA-101

Focusrite

Saffire Pro 24
Saffire Pro 26
Saffire Pro 40 (Firewire 400)
Saffire /with DSP (Firewire 400)



M-Audio

M-Audio FireWire Solo
1812

Mackie

Onyx 1640 (w/ Firewire Option Card)

Motu

8pre

Phonic

Helix 24 Mark II

Presonus

Firepod (FP10)
FireStudio

Rme

Fireface 800 (Firewire [2x800, 1x400])

Samsung

SC-D382 miniDV Camcorder



Sony

HandyCam DCR-TRV460

Tascam

Fireone (Firewire/Midi/Control interface) (Firewire 400)

T.C. Electronic

Konnekt 6