

# **ML: Patched ALC AppleHDA Screenshots**

For ML Patched ALC AppleHDA

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Locations

Part 1. System Information/Audio (Built-in) Screenshots

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Note: Text describes image above text.

### Part 1. System Information/Audio (Built-in) Screenshots

System Information/Audio/Intel High Definition Audio  $\Theta \Theta \Theta$ Mac mini ▼ Hardware Audio ATA ▼ Devices Audio AirPlay Bluetooth Built-in Input Card Reader Built-in Line Input Diagnostics Built-in Output Disc Burning Built-in Line Output **Ethernet Cards** Built-in Line Output Fibre Channel Built-in Digital Output FireWire **HDMI** Graphics/Displays ▼Intel High Definition Audio Hardware RAID Speaker Memory Line Output PCI Cards Line Output Parallel SCSI Internal Microphone Power Line Input Printers Line Input SAS Headphone Serial-ATA S/PDIF Optical Digital Audio Output Thunderbolt HDMI / DisplayPort Output USB HDMI / DisplayPort Output ▼ Network Intel High Definition Audio: Firewall

Volumes WWAN Wi-Fi V Software

> Accessibility Applications Components Developer Extensions

Fonts Frameworks Installations Logs

Managed Client Preference Panes Printer Software

Profiles Startup It

Startup Items Sync Services Speaker:

Connection: 1/8-Inch Jack

Line Output:

Connection: 1/8-Inch Jack

Line Output:

Connection: 1/8-Inch Jack

Internal Microphone:

Connection: Internal

Line Input:

Connection: 1/8-Inch Jack

Line Input:

Connection: 1/8-Inch Jack

Headphone:

Connection: 1/8-Inch Jack

S/PDIF Optical Digital Audio Output:

Connection: Combination Output

HDMI / DisplayPort Output:

Connection: Display

HDMI / DisplayPort Output:

Connection: Display

System Information/Audio/Intel High Definition Audio ALC on board 5/6 port audio with or without AMD/Nvidia HDMI audio Audio ID: 1

$\Theta \cap \Theta$	Mac mini		
▼ Hardware	Audio		
ATA	▼ Devices		
Audio	AirPlay		
Bluetooth	Built-in Line Input		
Card Reader	Built-in Output		
Diagnostics	Built-in Line Output		
Disc Burning	Built-in Line Output		
Ethernet Cards	Built-in Digital Output		
Fibre Channel	HDMI		
FireWire	▼Intel High Definition Audio		
Graphics/Displays	Speaker		
Hardware RAID	Line Output		
Memory	Line Input		
PCI Cards	Line Output		
Parallel SCSI	Headphone		
Power	S/PDIF Optical Digital Audio Output		
Printers	HDMI / DisplayPort Output		
SAS	HDMI / DisplayPort Output		
Serial-ATA	0		
Thunderbolt	Intel High Definition Audio:		
USB	A distribution		
▼ Network	Audio ID: 2		
Firewall	Speaker:		
Locations			
Modems	Connection: 1/8-Inch Jack		
Volumes			
WWAN	Line Output:		
Wi-Fi	Connection: Internal		
▼ Software	Comments internal		
Accessibility	Line Input:		
Applications			
Components	Connection: 1/8-Inch Jack		
Developer	Line Output:		
Extensions	Line Output		
Fonts	Connection: 1/8-Inch Jack		
Frameworks			
Installations	Headphone:		
Logs Managed Client	Connection: 1/8-Inch Jack		
Preference Panes	S/PDIF Optical Digital Audio Output:		
Printer Software Profiles	Connection: Combination Output		
Startup Items Sync Services	HDMI / DisplayPort Output:		
	Connection: Display		
	HDMI / DisplayPort Output:		
	Connection: Display		

# ALC on board 3 port audio with or without AMD/Nvidia HDMI audio Audio ID: 2

9 0 0	Mac mini		
<b>▼</b> Hardware	Audio		
ATA	▼ Devices		
Audio	AirPlay		
Bluetooth	Built-in Input		
Card Reader	Built-in Line Input		
Diagnostics	Built-in Output		
Disc Burning	Built-in Line Output		
Ethernet Cards	Built-in Digital Output		
Fibre Channel	HDMI		
FireWire	▼Intel High Definition Audio		
Graphics/Displays	Speaker		
Hardware RAID	Line Output		
Memory	Internal Microphone		
PCI Cards	Line Input		
Parallel SCSI	Line Input		
Power	Headphone		
Printers	S/PDIF Optical Digital Audio Output		
SAS	HDMI / DisplayPort Output		
Serial-ATA	HDMI / DisplayPort Output		
Thunderbolt			
USB			
/ Network			
Firewall			
Locations	0		
Modems	Intel High Definition Audio:		
Volumes	Audio ID: 3		
WWAN	Audio ID: 3		
Wi-Fi	Speaker:		
Software	Speaker.		
Accessibility	Connection: 1/8-Inch Jack		
Applications			
Components	Line Output:		
Developer	Connection: 1/8-Inch Jack		
Extensions	Connection. 1/8-inch jack		
Fonts	Internal Microphone:		
Frameworks			
Installations	Connection: Internal		
Logs			
Managed Client	Line Input:		
Preference Panes	Connection: 1/8-Inch Jack		
Printer Software	Connection. 1/0-men jack		
Profiles	Line Input:		
Startup Items	Connection: 1/8-Inch Jack		
Sync Services			
	Headphone:		
	Connection: 1/8-Inch Jack		
	S/PDIF Optical Digital Audio Output:		
	Connection: Combination Output		

# HDMI / DisplayPort Output:

Connection: Display

HDMI / DisplayPort Output:

Connection: Display

System Information/Audio/Intel High Definition Audio ALC on board 3/5/6 port audio and HD3000/HD4000 HDMI audio with or without AMD/Nvidia HDMI audio

000		Mac mini	
<b>▼</b> Hardware	Audio		
ATA	▼ Devices		
Audio	AirPlay		
Bluetooth	Built-in Input		
Card Reader	Built-in Line Input		
Diagnostics	Built-in Output		
Disc Burning	Built-in Digital Output		
Ethernet Cards	HDMI		
Fibre Channel	DisplayPort		
FireWire	HDMI		
Graphics/Displays	▼Intel High Definition Audio		
Hardware RAID	Speaker		
Memory	Line Output		
PCI Cards	Internal Microphone		
Parallel SCSI	Line Input		
Power	Line Input		
Printers	Headphone		
SAS	S/PDIF Optical Digital Audio Output		
Serial-ATA	HDMI / DisplayPort Output		
Thunderbolt	HDMI / DisplayPort Output		
USB	Tibility bisplays of Gaty	8	
▼ Network	Devices:		
Firewall			
Locations	AirPlay:		
Modems	Manufacturer:	Apple Inc.	
Volumes	Output Channels:	2	
WWAN	Current SampleRate:	44100	
Wi-Fi	Transport:	AirPlay	
▼ Software	Bulle to become		
Accessibility	Built-in Input:		
Applications	Default Input Device:	Yes	
Components	Input Channels:	2	
Developer	Manufacturer:	Apple Inc.	
Extensions	Current SampleRate:		
Fonts	Transport:	Built-in	
Frameworks	Built-in Line Input:		
Installations	Danie in Line input		
	Input Channels:	2	
Logs Managed Client	Manufacturer:	Apple Inc.	
Managed Client Preference Panes	Current SampleRate:	48000 Built-in	
Printer Software	Transport:	Built-In	
Printer Software	Built in Outsut		

Profiles

Startup Items Sync Services Bunt-in Output

Manufacturer: Apple Inc.
Output Channels: 2
Current SampleRate: 48000
Transport: Built-in

#### Built-in Digital Output:

Manufacturer: Apple Inc.
Output Channels: 2
Current SampleRate: 96000
Transport: Built-in

#### HDMI:

Manufacturer: Apple Inc.
Output Channels: 8
Current SampleRate: 48000
Transport: HDMI

# DisplayPort:

Manufacturer: Apple Inc.
Output Channels: 2
Current SampleRate: 48000
Transport: DisplayPort

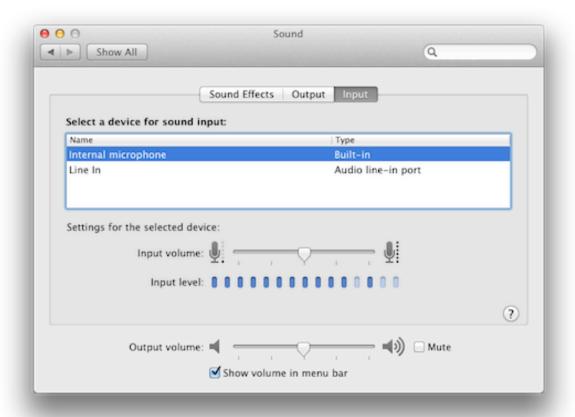
#### HDMI:

Default Output Device: Yes
Default System Output Device: Yes
Manufacturer: Apple Inc.
Output Channels: 8
Current SampleRate: 96000
Transport: HDMI

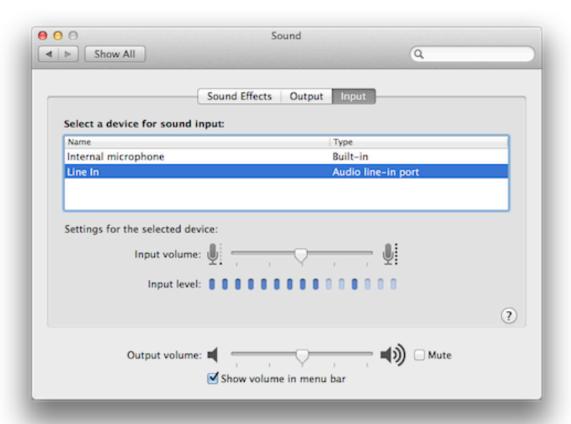
System Information/Audio/Devices Audio ID: 1, 2 and 3 (similar)

# Part 2: System Preferences/Sound Screenshots

System Preferences/Sound/Input

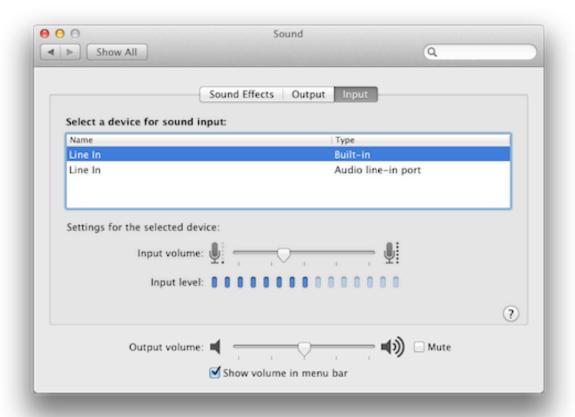


System Preferences/Sound/Input Internal Microphone - Pink Rear Port



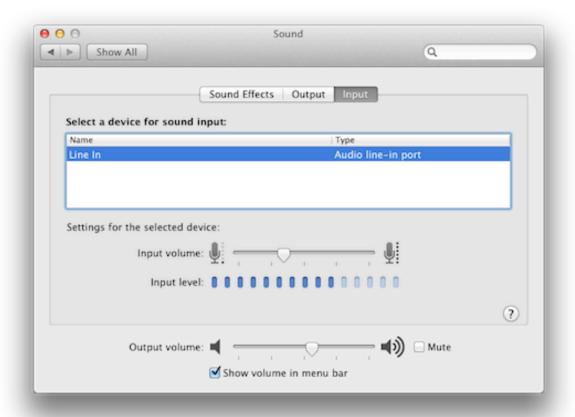
System Preferences/Sound/Input

Line In - Blue Rear Port Audio ID: 1 Audio ID: 3



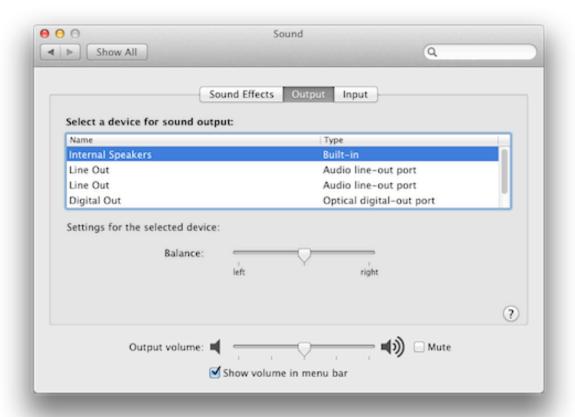
System Preferences/Sound/Input

Front Microphone - Pink Front Port (Line In as reported)



System Preferences/Sound/Input Front Microphone - Pink Front Port (Line In as reported) Pink Front Port is the only available audio input Rear inputs (Pink and Blue) become outputs (See below) Audio ID: 2

System Preferences/Sound/Output



System Preferences/Sound/Output Internal Speakers - Green Rear Port 1st Line Out - Orange Rear Port 2nd Line Out - Black Rear Port Digital Out - Optical (Toslink) Port Audio ID: 1

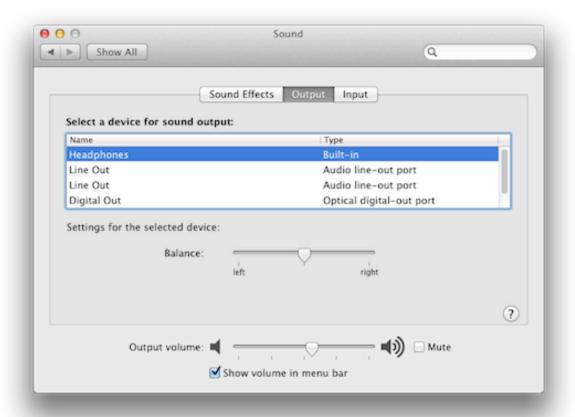
Internal Speakers - Plug green connector into green motherboard port for front speakers 1st Line Out - Plug black connector into blue motherboard port for rear speakers 2nd Line Out - Plug orange connector into pink motherboard port for center/sub speakers Digital Out - Optical (Toslink) Port



System Preferences/Sound/Output 1st Line Out - Orange Rear Port 2nd Line Out - Black Rear Port Digital Out - Optical (Toslink) Port DTR-30.3 (Receiver) - HDMI



System Preferences/Sound/Output Internal Speakers - Green Rear Port Line Out - Black Rear Port Digital Out - Optical (Toslink) Port DTR-30.3 (Receiver) - HDMI Audio ID: 3



System Preferences/Sound/Output Headphones - Green Front Port 1st Line Out - Orange Rear Port 2nd Line Out - Black Rear Port Digital Out - Optical (Toslink) Port

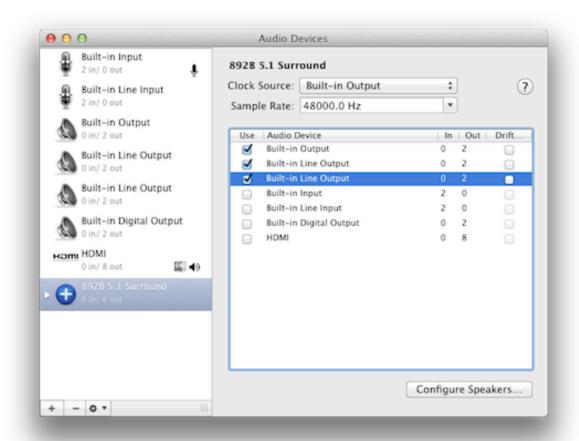
Audio ID: 1 Audio ID: 2

# Part 3: Audi MIDI Setup Screenshots

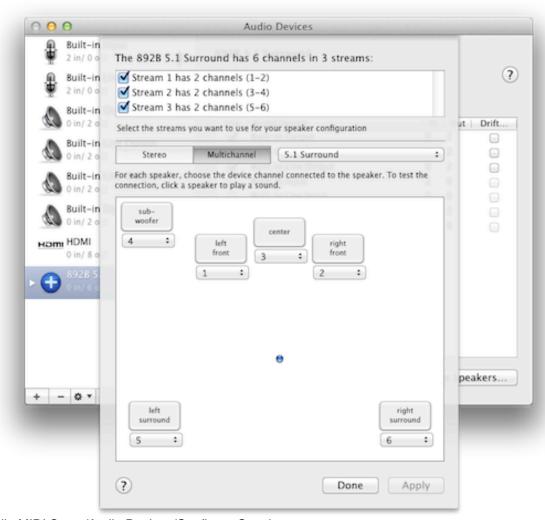
System Preferences/Sound/Output



System Preferences/Sound/Output Audio MIDI Setup/892 Black 5..1 Surround



Audio MIDI Setup/Audio Devices/Create Aggregate Device Built-in Output /Front Speakers - Green Rear Port 1st Built-in Line Output /Center/Sub-Woofer- Orange Rear Port 2nd Built-in Line Output/Rear (Surround) - Black Rear Port Audio ID: 1



Audio MIDI Setup/Audio Devices/Configure Speakers....

Stream 1/Front Speakers - Green Rear Port

Stream 2/Center/Sub-Woofer- Orange Rear Port

Stream 3/Rear (Surround) - Black Rear Port