



[Guide] ML: How to Add ssdt/HDEF

For ML Realtek ALC AppleHDA

Introducing HDEF ssdt injection for Mountain Lion Realtek ALC AppleHDA audio, no kexts and no dsdt edits. Installation is as simple as copying the downloaded SSDT-1.aml to Extra.

audio_ssdt_enabler

github.com/toleda/audio_ssdt_enabler

Requirements

1. Mountain Lion - 10.8.4 and newer
2. Realtek ALC*, one of the following Device_IDs:
 - 2a. 10ec0885
 - 2b. 10ec0887
 - 2c. 10ec0888
 - 2d. 10ec0889
 - 2e. 10ec0892
 - 2f. 10ec0898
3. dsdt/HDEF
 - 3a. Verify IOREg/Search: HDEF, if no HDEF, see github.com/toleda/audio_kext_enabler

Tools

1. IORegistryExplorer/File/Save a Copy As... (use IOReg_v2.1)

Remove Enabler

1. Remove any kext audio enablers
 - 1a. Ex., S/L/E/HDAEnabler1.kext, HDAEnabler2--.kext, ALC8xxHDA.kext, etc.

Downloads

1. audio_ssdt-hdae-1
2. audio_ssdt-hdae-2

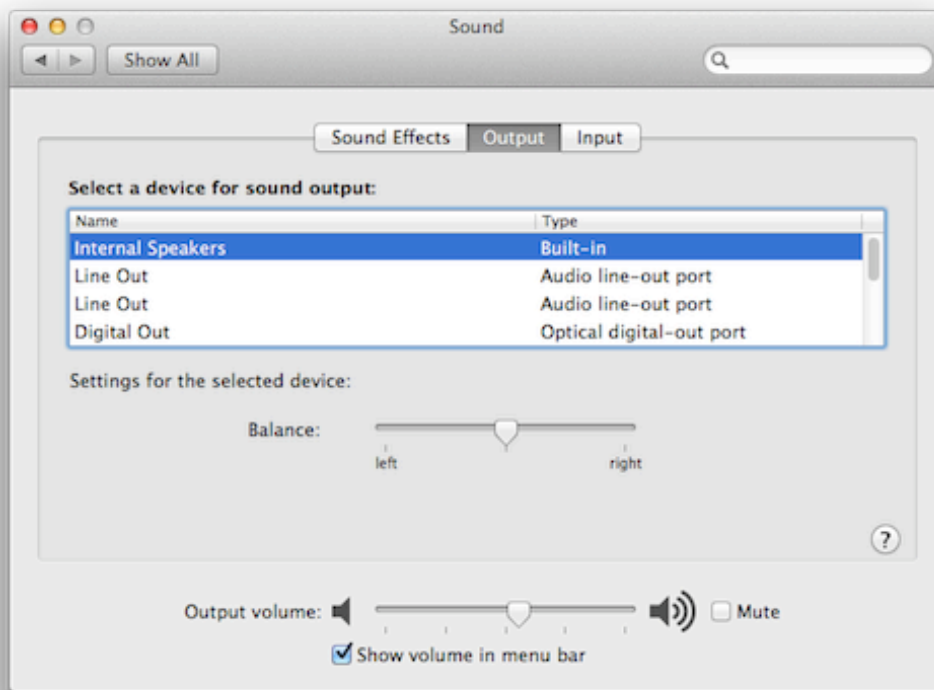
Installation

1. Copy Downloads/audio_ssdt-hdae1 or audio_ssdt-hdae2/SSDT-1.aml to Extra
 - 1a. Extra/SSDT.aml is present, install Downloads/ssdt-audio_uefi_hdmi_v3/SSDT-1.aml as Extra/SSDT-1.aml
 - 1b. If no Extra/SSDT.aml, rename Downloads/ssdt-audio_uefi_hdmi_v3/SSDT-1.aml to SSDT.aml and install as Extra/SSDT.aml
 - 1c. The 1st SSDT is SSDT, 2nd is SSDT-1, 3rd is SSDT-2, etc.; no gaps

2. Install Mountain Lion Realtek ALC AppleHDA.kext
3. Restart

Verify Realtek ALC Audio

1. System Preferences/Sound/Output



Troubleshooting

1. ML-Realtek ALC AppleHDA Capabilities.pdf
2. Post to <http://www.insanelymac.com/forum/topic/290796-realtek-alc-applehda-audio-injection/>
3. Post to <http://www.tonymacx86.com/audio/76309-mountain-lion-multibeast-no-audio-solutions-problem-reporting.html>

Notes

1. ALC 8xy can one of the following Realtek audio codecs:
 - 1a. ALC 885 aka ALC 889a
 - 1b. ALC 887 aka ALC 888b,
 - 1c. ALC 888 aka ALC 888s
 - 1d. ALC 889
 - 1e. ALC 892
 - 1f. ALC 898

Credits:

VCH888; [ALC889A](#), Gigabyte (Intel): now having a working front mic - Page 38 - Sound - InsanelyMac Forum

SJ_UnderWater: [SourceForge.net: MaciASL - Project Web Hosting - Open Source Software](#)

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