

# AppleALC - der dynamische AppleHDA Patcher - immer aktuell

Beitrag von „Noir0SX“ vom 6. April 2020, 15:25

## v1.4.8

- MaxKernel HS for GM/GP
- Support startup delay for AppleHDAController via `alc-delay` property or `alcdelay` boot-arg (in ms)
- Guarded TCSEL change to TC0 with `alctsel=<01 00 00 00>` property or `alctsel=1` boot-arg
- Improved performance with Lilu 1.4.3 APIs
- Added ALC257 layout-id 99 and 100 for Lenovo XiaoXin Pro 2019 by DalianSky
- Added ALC283 layout-id 88 for DELL R14 3437 by Zoran
- Add mute button to ALC230 layout 13 by Ab2774
- Update for Better Input Range ALC 235 by Andres ZeroCross
- Added ALC269VC layout-id 22 for Acer Veriton Z4640G by Andres ZeroCross
- Updated ConfigData & Added WakeConfigData to fix CodecCommander dependency CX20751/2 layout-id 28 LineIn Sniki
- Updated ConfigData & Updated WakeConfigData to fix CodecCommander dependency ALC221 layout-id 11 LineIn(s) by Sniki
- Added ALC255/ALC3234 layout-id 7 for Dell 7348 by armenio
- Fix Conexant CX8050 LineIn for headsets with combo jack