

Simple mixer control 'Headphone Button',0
Capabilities: volume volume-joined
Playback channels: Mono
Capture channels: Mono
Limits: 0 - 0
Mono: 0 [0%]

Simple mixer control 'PCM',0
Capabilities: pvolume
Playback channels: Front Left - Front Right
Limits: Playback 0 - 127
Mono:
Front Left: Playback 127 [100%]
Front Right: Playback 127 [100%]

Simple mixer control 'Line DAC',0
Capabilities: pvolume pswitch
Playback channels: Front Left - Front Right
Limits: Playback 0 - 127
Mono:
Front Left: Playback 127 [100%] [on]
Front Right: Playback 127 [100%] [on]

Simple mixer control 'Line In',0
Capabilities: pswitch pswitch-joined
Playback channels: Mono
Mono: Playback [off]

Simple mixer control 'Line In Test',0
Capabilities: pswitch pswitch-joined
Playback channels: Mono
Mono: Playback [off]

Simple mixer control 'Line Line2 Bypass',0
Capabilities: pvolume
Playback channels: Front Left - Front Right
Limits: Playback 0 - 127
Mono:
Front Left: Playback 127 [100%]
Front Right: Playback 127 [100%]

Simple mixer control 'Line PGA Bypass',0
Capabilities: pvolume
Playback channels: Front Left - Front Right
Limits: Playback 0 - 127
Mono:
Front Left: Playback 127 [100%]
Front Right: Playback 127 [100%]

Simple mixer control 'Mono DAC',0
Capabilities: pvolume pswitch pswitch-joined
Playback channels: Front Left - Front Right
Limits: Playback 0 - 127
Mono:
Front Left: Playback 127 [100%] [off]
Front Right: Playback 127 [100%] [off]

Simple mixer control 'Mono Line2 Bypass',0
Capabilities: pvolume
Playback channels: Front Left - Front Right
Limits: Playback 0 - 127
Mono:
Front Left: Playback 127 [100%]
Front Right: Playback 127 [100%]

Simple mixer control 'Mono PGA Bypass',0
Capabilities: pvolume
Playback channels: Front Left - Front Right
Limits: Playback 0 - 127
Mono:
Front Left: Playback 127 [100%]
Front Right: Playback 127 [100%]

Simple mixer control 'ADC High-Pass Filter D1 Coefficient',0
Capabilities: volume
Playback channels: Front Left - Front Right
Capture channels: Front Left - Front Right
Limits: 0 - 65535
Front Left: 54655 [83%]
Front Right: 0 [0%]

Simple mixer control 'ADC High-Pass Filter N0 Coefficient',0
Capabilities: volume
Playback channels: Front Left - Front Right
Capture channels: Front Left - Front Right
Limits: 0 - 65535
Front Left: 60031 [92%]
Front Right: 60031 [92%]

Simple mixer control 'ADC High-Pass Filter N1 Coefficient',0
Capabilities: volume
Playback channels: Front Left - Front Right
Capture channels: Front Left - Front Right
Limits: 0 - 65535
Front Left: 5760 [9%]
Front Right: 5760 [9%]
Simple mixer control 'AGC',0
Capabilities: pswitch
Playback channels: Front Left - Front Right
Mono:
Front Left: Playback [off]
Front Right: Playback [off]
Simple mixer control 'Audio Codec Digital Filter Control',0
Capabilities: volume volume-joined
Playback channels: Mono
Capture channels: Mono
Limits: 0 - 255
Mono: 0 [0%]
Simple mixer control 'Audio Effects Filter D1 Coefficient',0
Capabilities: volume
Playback channels: Front Left - Front Right
Capture channels: Front Left - Front Right
Limits: 0 - 65535
Front Left: 33661 [51%]
Front Right: 33661 [51%]
Simple mixer control 'Audio Effects Filter D2 Coefficient',0
Capabilities: volume
Playback channels: Front Left - Front Right
Capture channels: Front Left - Front Right
Limits: 0 - 65535
Front Left: 61060 [93%]
Front Right: 61060 [93%]
Simple mixer control 'Audio Effects Filter D4 Coefficient',0
Capabilities: volume
Playback channels: Front Left - Front Right
Capture channels: Front Left - Front Right
Limits: 0 - 65535
Front Left: 33661 [51%]
Front Right: 33661 [51%]
Simple mixer control 'Audio Effects Filter D5 Coefficient',0
Capabilities: volume
Playback channels: Front Left - Front Right
Capture channels: Front Left - Front Right
Limits: 0 - 65535
Front Left: 61060 [93%]
Front Right: 61060 [93%]
Simple mixer control 'Audio Effects Filter N0 Coefficient',0
Capabilities: volume
Playback channels: Front Left - Front Right
Capture channels: Front Left - Front Right
Limits: 0 - 65535
Front Left: 58219 [89%]
Front Right: 58219 [89%]
Simple mixer control 'Audio Effects Filter N1 Coefficient',0
Capabilities: volume
Playback channels: Front Left - Front Right
Capture channels: Front Left - Front Right
Limits: 0 - 65535
Front Left: 26262 [40%]
Front Right: 26262 [40%]
Simple mixer control 'Audio Effects Filter N2 Coefficient',0
Capabilities: volume
Playback channels: Front Left - Front Right
Capture channels: Front Left - Front Right
Limits: 0 - 65535
Front Left: 23911 [36%]
Front Right: 23911 [36%]
Simple mixer control 'Audio Effects Filter N3 Coefficient',0
Capabilities: volume
Playback channels: Front Left - Front Right
Capture channels: Front Left - Front Right
Limits: 0 - 65535
Front Left: 58219 [89%]
Front Right: 58219 [89%]
Simple mixer control 'Audio Effects Filter N4 Coefficient',0
Capabilities: volume

Playback channels: Front Left - Front Right
Capture channels: Front Left - Front Right
Limits: 0 - 65535
Front Left: 26262 [40%]
Front Right: 26262 [40%]
Simple mixer control 'Audio Effects Filter N5 Coefficient',0
Capabilities: volume
Playback channels: Front Left - Front Right
Capture channels: Front Left - Front Right
Limits: 0 - 65535
Front Left: 23911 [36%]
Front Right: 23911 [36%]
Simple mixer control 'Crossover',0
Capabilities: pswitch pswitch-joined
Playback channels: Mono
Mono: Playback [off]
Simple mixer control 'De-Emphasis Filter D1 Coefficient',0
Capabilities: volume
Playback channels: Front Left - Front Right
Capture channels: Front Left - Front Right
Limits: 0 - 65535
Front Left: 32339 [49%]
Front Right: 32339 [49%]
Simple mixer control 'De-Emphasis Filter N0 Coefficient',0
Capabilities: volume
Playback channels: Front Left - Front Right
Capture channels: Front Left - Front Right
Limits: 0 - 65535
Front Left: 21817 [33%]
Front Right: 21817 [33%]
Simple mixer control 'De-Emphasis Filter N1 Coefficient',0
Capabilities: volume
Playback channels: Front Left - Front Right
Capture channels: Front Left - Front Right
Limits: 0 - 65535
Front Left: 11763 [18%]
Front Right: 11763 [18%]
Simple mixer control 'Endpoint',0
Capabilities: enum
Items: 'Off' 'Speaker' 'Headphone' 'FactoryTest'
Item0: 'Headphone'
Simple mixer control 'HP DAC',0
Capabilities: pvolume pswitch
Playback channels: Front Left - Front Right
Limits: Playback 0 - 127
Mono:
Front Left: Playback 127 [100%] [on]
Front Right: Playback 127 [100%] [on]
Simple mixer control 'HP Line2 Bypass',0
Capabilities: pvolume
Playback channels: Front Left - Front Right
Limits: Playback 0 - 127
Mono:
Front Left: Playback 127 [100%]
Front Right: Playback 127 [100%]
Simple mixer control 'HP PGA Bypass',0
Capabilities: pvolume
Playback channels: Front Left - Front Right
Limits: Playback 0 - 127
Mono:
Front Left: Playback 127 [100%]
Front Right: Playback 127 [100%]
Simple mixer control 'HPCOM DAC',0
Capabilities: pvolume pswitch
Playback channels: Front Left - Front Right
Limits: Playback 0 - 127
Mono:
Front Left: Playback 127 [100%] [off]
Front Right: Playback 127 [100%] [off]
Simple mixer control 'HPCOM Line2 Bypass',0
Capabilities: pvolume
Playback channels: Front Left - Front Right
Limits: Playback 0 - 127
Mono:
Front Left: Playback 127 [100%]
Front Right: Playback 127 [100%]
Simple mixer control 'HPCOM PGA Bypass',0

Capabilities: pvolume
Playback channels: Front Left - Front Right
Limits: Playback 0 - 127
Mono:
Front Left: Playback 127 [100%]
Front Right: Playback 127 [100%]
Simple mixer control 'Left DAC Mux',0
Capabilities: enum
Items: 'DAC_L1' 'DAC_L3' 'DAC_L2'
Item0: 'DAC_L1'
Simple mixer control 'Left DAC_L1 Mixer HP',0
Capabilities: pswitch pswitch-joined
Playback channels: Mono
Mono: Playback [on]
Simple mixer control 'Left DAC_L1 Mixer HPCOM',0
Capabilities: pswitch pswitch-joined
Playback channels: Mono
Mono: Playback [on]
Simple mixer control 'Left DAC_L1 Mixer Line',0
Capabilities: pswitch pswitch-joined
Playback channels: Mono
Mono: Playback [on]
Simple mixer control 'Left DAC_L1 Mixer Mono',0
Capabilities: pswitch pswitch-joined
Playback channels: Mono
Mono: Playback [off]
Simple mixer control 'Left HPCOM Mux',0
Capabilities: enum
Items: 'differential of HPLOUT' 'constant VCM' 'single-ended'
Item0: 'differential of HPLOUT'
Simple mixer control 'Left Line1L Mux',0
Capabilities: enum
Items: 'single-ended' 'differential'
Item0: 'single-ended'
Simple mixer control 'Left Line2 Bypass Mixer HP Swit',0
Capabilities: pswitch pswitch-joined
Playback channels: Mono
Mono: Playback [off]
Simple mixer control 'Left Line2 Bypass Mixer HPCOM S',0
Capabilities: pswitch pswitch-joined
Playback channels: Mono
Mono: Playback [off]
Simple mixer control 'Left Line2 Bypass Mixer Line Sw',0
Capabilities: pswitch pswitch-joined
Playback channels: Mono
Mono: Playback [off]
Simple mixer control 'Left Line2 Bypass Mixer Mono Sw',0
Capabilities: pswitch pswitch-joined
Playback channels: Mono
Mono: Playback [off]
Simple mixer control 'Left Line2L Mux',0
Capabilities: enum
Items: 'single-ended' 'differential'
Item0: 'single-ended'
Simple mixer control 'Left PGA Bypass Mixer HP',0
Capabilities: pswitch pswitch-joined
Playback channels: Mono
Mono: Playback [off]
Simple mixer control 'Left PGA Bypass Mixer HPCOM Swi',0
Capabilities: pswitch pswitch-joined
Playback channels: Mono
Mono: Playback [off]
Simple mixer control 'Left PGA Bypass Mixer Line Swit',0
Capabilities: pswitch pswitch-joined
Playback channels: Mono
Mono: Playback [off]
Simple mixer control 'Left PGA Bypass Mixer Mono Swit',0
Capabilities: pswitch pswitch-joined
Playback channels: Mono
Mono: Playback [off]
Simple mixer control 'PGA',0
Capabilities: cvolume cswitch
Capture channels: Front Left - Front Right
Limits: Capture 0 - 127
Front Left: Capture 0 [0%] [on]
Front Right: Capture 0 [0%] [on]
Simple mixer control 'Right DAC Mux',0

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Capabilities: enum
Items: 'DAC_R1' 'DAC_R3' 'DAC_R2'
Item0: 'DAC_R1'
Simple mixer control 'Right DAC_R1 Mixer HP',0
Capabilities: pswitch pswitch-joined
Playback channels: Mono
Mono: Playback [on]
Simple mixer control 'Right DAC_R1 Mixer HPCOM',0
Capabilities: pswitch pswitch-joined
Playback channels: Mono
Mono: Playback [on]
Simple mixer control 'Right DAC_R1 Mixer Line',0
Capabilities: pswitch pswitch-joined
Playback channels: Mono
Mono: Playback [on]
Simple mixer control 'Right DAC_R1 Mixer Mono',0
Capabilities: pswitch pswitch-joined
Playback channels: Mono
Mono: Playback [off]
Simple mixer control 'Right HPCOM Mux',0
Capabilities: enum
Items: 'differential of HPROUT' 'constant VCM' 'single-ended' 'differential of HPLCOM' 'external
feedback'
Item0: 'differential of HPROUT'
Simple mixer control 'Right Line1R Mux',0
Capabilities: enum
Items: 'single-ended' 'differential'
Item0: 'single-ended'
Simple mixer control 'Right Line2 Bypass Mixer HP Swi',0
Capabilities: pswitch pswitch-joined
Playback channels: Mono
Mono: Playback [off]
Simple mixer control 'Right Line2 Bypass Mixer HPCOM ',0
Capabilities: pswitch pswitch-joined
Playback channels: Mono
Mono: Playback [off]
Simple mixer control 'Right Line2 Bypass Mixer Line S',0
Capabilities: pswitch pswitch-joined
Playback channels: Mono
Mono: Playback [off]
Simple mixer control 'Right Line2 Bypass Mixer Mono S',0
Capabilities: pswitch pswitch-joined
Playback channels: Mono
Mono: Playback [off]
Simple mixer control 'Right Line2R Mux',0
Capabilities: enum
Items: 'single-ended' 'differential'
Item0: 'single-ended'
Simple mixer control 'Right PGA Bypass Mixer HP Switc',0
Capabilities: pswitch pswitch-joined
Playback channels: Mono
Mono: Playback [off]
Simple mixer control 'Right PGA Bypass Mixer HPCOM Sw',0
Capabilities: pswitch pswitch-joined
Playback channels: Mono
Mono: Playback [off]
Simple mixer control 'Right PGA Bypass Mixer Line Swi',0
Capabilities: pswitch pswitch-joined
Playback channels: Mono
Mono: Playback [off]
Simple mixer control 'Right PGA Bypass Mixer Mono Swi',0
Capabilities: pswitch pswitch-joined
Playback channels: Mono
Mono: Playback [off]
Simple mixer control 'Test PA Mute',0
Capabilities: pswitch pswitch-joined
Playback channels: Mono
Mono: Playback [on]
Simple mixer control 'Test PA Shutdown',0
Capabilities: pswitch pswitch-joined
Playback channels: Mono
Mono: Playback [off]

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