Rocky Enterprise Linux 9.2 Manual Pages on command 'amixer.1'

$ man amixer.1

AMIXER(1)   General Commands Manual   AMIXER(1)

NAME

    amixer - command-line mixer for ALSA soundcard driver

SYNOPSIS

    amixer [-option] [cmd]

DESCRIPTION

    amixer allows command-line control of the mixer for the ALSA soundcard driver. amixer

    supports multiple soundcards.

    amixer with no arguments will display the current mixer settings for the default soundcard

    and device. This is a good way to see a list of the simple mixer controls you can use.

COMMANDS

    help   Shows syntax.

    info   Shows the information about a mixer device.

    scontrols

        Shows a complete list of simple mixer controls.

    scontents

        Shows a complete list of simple mixer controls with their contents.

    set or sset <SCONTROL> <PARAMETER> ...

        Sets the simple mixer control contents. The parameter can be the volume either as a

        percentage from 0% to 100% with % suffix, a dB gain with dB suffix (like -12.5dB),

        or an exact hardware value. The dB gain can be used only for the mixer elements

        with available dB information. When plus(+) or minus(-) letter is appended after

        volume value, the volume is incremented or decremented from the current value, re?

spectively.

The parameters cap, nocap, mute, unmute, toggle are used to change capture (record‐

ing) and muting for the group specified.

The optional modifiers can be put as extra parameters before the value to specify

the stream direction or channels to apply. The modifiers playback and capture

specify the stream, and the modifiers front, frontleft, frontright, frontcenter,

center, rear, rearright, rearleft, woofer are used to specify channels to be

changed.

A simple mixer control must be specified. Only one device can be controlled at a

time.

get or sget <SCONTROL>

Shows the simple mixer control contents.

A simple mixer control must be specified. Only one device can be controlled at a

time.

controls

Shows a complete list of card controls.

contents

Shows a complete list of card controls with their contents.

cset <CONTROL> <PARAMETER> ...

Sets the card control contents. The identifier has these components: iface, name,

index, device, subdevice, numid. The next argument specifies the value of control.

cget <CONTROL>

Shows the card control contents. The identifier has same syntax as for the cset

command.

ADVANCED COMMANDS

sevents

Shows the events for the simple mixer controls.

events Shows the events for the mixer controls.

OPTIONS

-c card

Select the card number to control. The device name created from this parameter has

syntax 'hw:N' where N is specified card number.

-D device

Select the device name to control. The default control name is 'default'.

-s | --stdin

Read from stdin and execute the command on each line sequentially. When this op‐

tion is given, the command in command-line arguments is ignored.

Only sset and cset are accepted. Other commands are ignored. The commands to un‐

matched ids are ignored without errors too.

-h   Help: show syntax.

-q   Quiet mode. Do not show results of changes.

-R   Use the raw value for evaluating the percentage representation. This is the de‐

fault mode.

-M   Use the mapped volume for evaluating the percentage representation like alsamixer,

to be more natural for human ear.

EXAMPLES

amixer -c 1 sset Line,0 80%,40% unmute cap

will set the second soundcard's left line input volume to 80% and right line input

to 40%, unmute it, and select it as a source for capture (recording).

amixer -c 1 -- sset Master playback -20dB

will set the master volume of the second card to -20dB. If the master has multiple

channels, all channels are set to the same value.

amixer -c 1 set PCM 2dB+

will increase the PCM volume of the second card with 2dB. When both playback and

capture volumes exist, this is applied to both volumes.

amixer -c 2 cset iface=MIXER,name='Line Playback Volume",index=1 40%

will set the third soundcard's second line playback volume(s) to 40%

amixer -c 2 cset numid=34 40%

will set the 34th soundcard element to 40%

SEE ALSO

alsamixer(1)

BUGS

None known.

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