Audio Specsheet

Audio
The Podcatcher is capable of delivering high quality audio, either through its internal speaker (mono) or through headphones (stereo).

Specifications mono
For normal use without headphones. This is because stereo audio takes significantly more SD card space, which will make the syncing process take longer.

Format
MP3 (MPEG-1 Audio Layer 3)

Mode
single channel (mono)

Bitrate
64 kbps CBR (Higher bitrates on request)

Sample frequency
44,1 kHz / 48 kHz

Peak level
-1 dB

Specifications stereo
Choose this only when using headphones and the content benefits from stereo over mono.

Format
MP3 (MPEG-1 Audio Layer 3)

Mode
Joint stereo

Bitrate
128 kbps CBR (Higher bitrates on request)

Sample frequency
44,1 kHz

Peak level
-1 dB

Make it loud!
The amplifier inside the Podcatcher is limited in power, so quiet audio cannot be amplified indefinitely. You need to make your mixdown as loud as possible without losing dynamics and of course without distortion or clipping. Use a peak amplitude of -1dB.
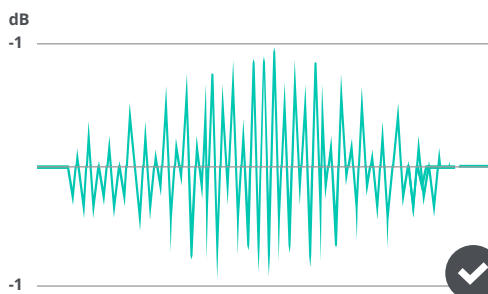The visitor using the Podcatcher can always turn the volume down when it is too loud, but audio that is too quiet can never be amplified to a satisfactory volume level.
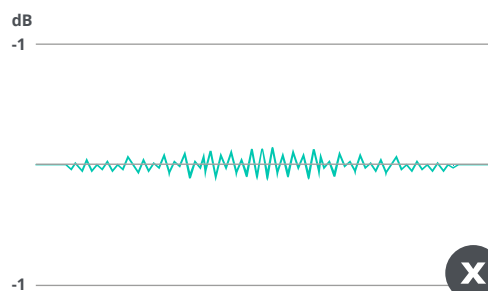

Regular Podcatcher usage (mono)

The Podcatcher being used with headphones (stereo)

Good: amplitude at -1 dB maximum

Bad: too quiet audio cannot be amplified enough and will only result in more noise

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