

## Re: Automatic Television Volume Control

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**From:** Mark Jones (*abuse\_at\_127.0.0.1*)

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Charles Schuler wrote:

> <[lschultz@centurytel.net](mailto:lschultz@centurytel.net)> wrote in message

> [news:1104956676.851470.74960@f14g2000cwb.googlegroups.com...](mailto:news:1104956676.851470.74960@f14g2000cwb.googlegroups.com...)

>

>>Anyone out there with a circuit for controlling the TV volume so that

>>it doesn't blare during commercials? I know these things are sold but

>>I'm cheap and want to make my own.

>>Thanks.

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> Practically speaking, just keep the remote handy and mute them. Commercials

> use level processing where the peak audio voltage is not all that high but

> the average audio is much higher. It's called compression, among other

> things and is truly a pain in the ear!

>

>

So, if you use another compressor, combined with a limiter, you can effectively set a "normal" volume and commercials will no longer blare. The problem arises in how to implement the design. Are you willing to open up your TV, dissect the audio amplifier circuitry, patch in the compressor, and reassemble the TV? Because I've not seen a line-level compressor (which you can connect directly between the speakers.) All compressors are low-level devices. If you do not use your TV speakers but instead use surround sound or other speakers, then it might be possible to patch the compressor between whatever is feeding the audio to the amplifier.