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Subject: L-Pads

Posted by [Wayne Parham](#) on Sat, 08 Sep 2001 21:11:04 GMT

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L-Pads don't work as well in this application because they don't provide the proper load to the splitter filter for what we need in a compensation circuit. If we weren't building in EQ for the driver's power response, an L-Pad would be fine. But to make a conjugate of the compression driver's power response, we need an initial region of flat response followed by a couple octaves of rising response, 6dB/octave reduction of the attenuation. The best way to do this is by slightly underdamping the splitter filter to get the initial flat part of the curve, and using an RC network to provide the 6dB/octave rising part of the curve in the top octave.

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