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Subject: Re: Small HV caps, and pentodes driving power triodes

Posted by [Damir](#) on Sat, 31 Dec 2005 13:49:30 GMT

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Hi, first thing (when I find a little time) is to try CCS parallel to Ra with cascode and pentode, and use a Mu-out. Some of those pentodes are fantastic on paper (P. Millett's measurements), say 12BY7, 7054, D3a, ... even EF184. Even distortion profile isn't bad, the only thing I don't like is rel. low bias (say 1-2V) for the most of those high-gm tubes. With common triodes, PP driver/splitter with more than 2 x 40Vrms clean "swing" and only 300V supply isn't easy. Do you think about (pentode) driver and ct choke as a splitter, or...? And yes, I can't find small values HV poly caps, "Wima" has 33pF and more... Happy New Year - and lot of interesting projects!

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