Subject: Re: Channel jumping inputs fender to Matchless
Posted by Damir on Tue, 03 May 2005 16:32:27 GMT
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Two-channel inputs ("normal" and "low") are in 90% cases made of two 68k "input" resistors in series with input grid and one 1-Meg grid leak resistor, see the typical "Fender" schematics. Input 1 ("high", or "normal") has input impedance ~1Meg (ignoring 68k resistors for simplification), and input two ~2*68=138k. When you connect 3 amps in a way you described, you`ll get the total input impedance ~1Meg/3 ~333kOhms. With high-impedance source (guitar PUs) you can count on some high-frequency loss/change of sound (with little help with all those cables, too). But, you can often count on a ground-loop buzz, and hiss,too.Then (non-identical) signal phases through 3 amp together can give you weird effects sometimes. But, often the sound is full and good:-)I tried even some swither/multioutput/impedance converter devices, mixer/line outs, FX loops...but I was never quite satisfied with the results (sound/noise, even oscillations/radio stations, haha) with unequal old amps...but, try it and see.:-)