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Subject: amps and extension cabs

Posted by [Stuart John Lawrence](#) on Fri, 06 Feb 2009 20:23:48 GMT

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Hi can you help? I have a Marshall 18W 1974 with a 16ohm spkr-but there is a switch for 4-8 - and 16 ohms I want to run my extn cab rated at 8 ohms with it - what do I set the switch to? thanks  
Stuartsame question for a vibrolux running two 8 ohm spkrs so 4 ohms amp says not to run below 2 ohms -can I use the 8 ohm extn and the built in spkrs at the same time ?

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Subject: Re: amps and extension cabs

Posted by [Wayne Parham](#) on Mon, 09 Feb 2009 18:05:22 GMT

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the safe limit so I wouldn't push it. Be cool with the volume knob. Loudspeaker impedance isn't a impedance is actually a fluctuating line that moves with frequency. The typical 10" driver, for example has minimum impedance at very low frequencies, peaking at a resonant frequency in the midbass, then dropping back down to minimum in the lower midrange. From there it rises gradually as frequency goes up. So the amplifier may have trouble driving the lower midrange frequencies, where impedance is at its lowest point. The trouble for you is that's where a lot of your signal content is.