

## Re: female 3.5mm to dual female RCA

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Date: Sat, 1 Jan 2005 23:46:08 -0800

"Pasquale" <[spdrweb@NOTHNXtelusplanet.net](mailto:spdrweb@NOTHNXtelusplanet.net)> wrote in message  
news:kJHBd.42865\$KO5.28365@clgrps13...

> *I have a Universal Microphone with 1/4" jack and the adaptor to 3.5mm.*

Sounds like a mono microphone, and could be the kind that doesn't need an external DC supply voltage. So that's good.

You say "jack". Do you mean "plug"? Jacks are female, plugs are male.

Are the plugs stereo or mono?

> *[The camcorder] has A/V in/out 3.5mm(?) jack. With the camera came a A/V  
> cable with video, and left and right RCA on one end and the 3.5mm plug on  
> the other. I am getting the video no problem. As for the audio, I am  
> getting sound, I just need it to be amplified.*

That definitely sounds like a line-level input. So you do need some sort of microphone preamp. You mentioned you were using a preamp; is it in fact a microphone preamp? What kind? How are you connecting to it?

> *I put together a adaptor cable to go from the 3.5mm microphone jack to the  
> dual RCA ends. I think it may be from here where I am getting the  
> static/hum/noise. It seems that if it is held right the noise is pretty  
> much gone. Maybe poor solder or bad connection to the tail of the  
> microphone jack (ground).*

>

> *The way I did the soldering was:*

>

> - *RCA white inner core wire to the silver tab of the mic jack*

> - *RCA red inner core wire to the copper tab of the mic jack*

> - *copper wire surrounding each are both solder to the tail of the mic jack*

It sounds like the "mic jack" you're describing here is the 3.5mm jack into which you're plugging the mic plug. Or am I confused? If I'm right, it also sounds like you're describing a stereo 3.5mm jack.

Is the mic plug mono or stereo? If you're plugging a mono plug into a

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stereo jack, you will have problems – at the least, one channel will be missing. So, it sounds to me like you may not have this wired correctly. But it does also sound like there's a soldering problem.

Are you somewhere near a Radio Shack, or a TV repair shop or something? This sort of problem would take about one minute to diagnose and give you the right answer, for someone who could actually see what you're talking about. Trying to do it in text, with inaccurate terminology and incomplete information, is going to be slow going.