

Re: female 3.5mm to dual female RCA

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From: Pasquale (spdrweb_at_NOTHNXtelusplanet.net)

Date: 01/02/05

Date: Sun, 02 Jan 2005 01:01:04 GMT

see below...

Walter Harley wrote:

> "Pasquale" <spdrweb@NOTHNXtelusplanet.net> wrote in message
> news:7EEBd.41149\$Y72.19723@edtnps91...
>
>>I'll see where I can find a noise gate, any suggestions?
>>
>>Also, is it true that a capacitor would reduce noise? If so, how would it
>>be done?
>
>
> You're throwing equipment at a problem when what you need to do is
> understand the problem. That almost never works, and almost always costs
> more than solving the problem the right way. A noise gate would cost you
> more than getting the right kind of microphone and/or preamp. And anyway,
> all it will do is reduce the noise when there is no signal; it will not do
> anything about the situation when there is a signal. And no, a capacitor
> will not reduce noise.
>
> You still have not adequately described the problem you have. In
> particular, please answer ALL of the following questions:
>
> What is the microphone you are using?
> What kind of connector does it have?

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

> Do you have any reason to believe that it is intended as a general-purpose
> microphone, or is it intended to mate with some particular piece of
> equipment (that is, did it come as an accessory to some other piece of audio
> gear such as a tape recorder)?

On the package it says it can be used with karaoke, camcorders, portable
stereos, etc.

- >
- > *What is the camcorder you are using?*

Panasonic. Just purchased a couple of weeks ago. FYI... Model PV-GS200.

- > *What audio inputs does it have? (It might have more than one – for instance, it might have both line inputs and an auxiliary mic input.)*
- > *What kind of connectors does it use for its audio inputs?*

It 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.

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

- > *Are they intended for line level or mic level signals, and if the latter, do they provide DC supply voltage for an electret mic?*
- >
- >
- > *Most likely, your problem is that are trying to use an electret type mic, which has a little preamp built into it, and it needs DC supply voltage to be provided by whatever it's plugged into; and your camcorder inputs are intended for line level signals rather than a mic. In this situation, a preamp will not help unless it is intended for that sort of mic. But, based on what you've said so far, there is no way to tell if that is actually the problem. You need to answer the above questions and then people might be able to help you.*
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