

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.*

>

>