

Notes on interfacing a Ten-Tec Eagle 599 and digirig:

I used a TRRS pigtail obtained from Amazon:

https://www.amazon.com/dp/B08DR4K78X?psc=1&ref=ppx_yo2ov_dt_b_product_details

I obtained my 8 pin DIN connectors from showmecables:

<https://www.showmecables.com/catalogsearch/result/?q=8+Pin+DIN+Male+Solder+Connector++Plastic++270%C2%B0+Style>

SKU# 1732

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TRRS to Ten-Tec 8 pin DIN (Eagle)

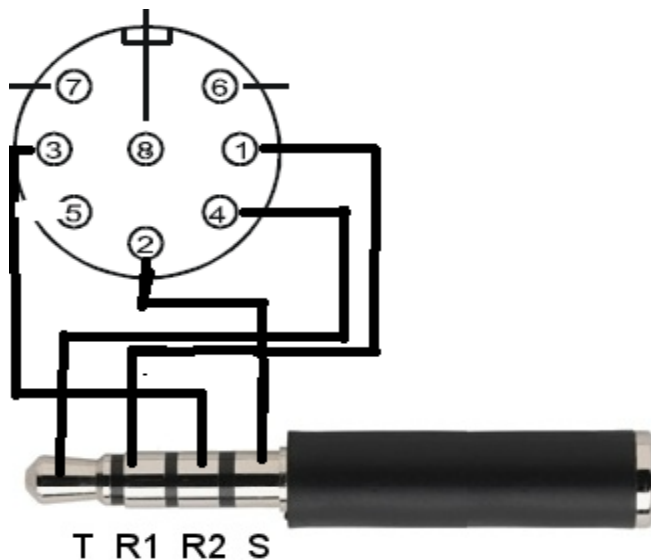
Tip - Rx audio - pin 4 *(TRRS cable red)

Ring 1 - TX audio - pin 1 *(TRRS cable white)

Ring 2 - PTT - pin 3 *(TRRS cable green)

Sleeve - ground - pin 2 *(TRRS cable black)

*if you use the same cable I used; may vary by manufacturer.



Note for the Eagle - MIC function must be set so the rear DIN input/output is used. Ten-Tec calls this Aux audio. Holding in the MIC button for 3 seconds will toggle between the two inputs (front MIC jack or rear DIN connector). ***When set for the rear DIN, "MIC" will disappear and NOT show in the display.*** Note that a quick press on the MIC button sets the level. Each input has its own level.

You will most certainly need to cut the attenuator trace on the digirig board per instructions elsewhere on this site.

As you may have deduced since I wired the PTT connection, I am using serial PTT (RTS/DTS) provided by the digirig to key the transmitter. I'm also using CAT for rig control on the Eagle.

Best regards,
Mark N8COO