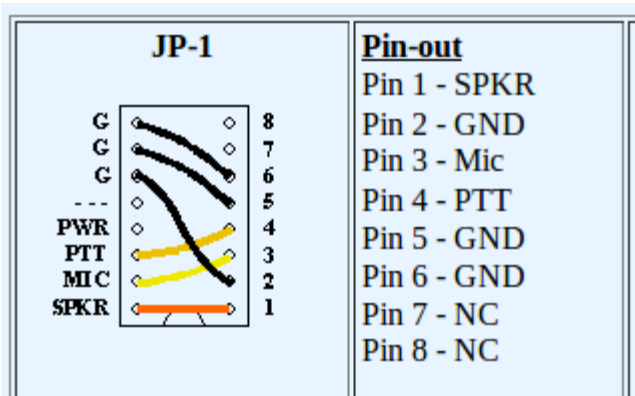If you want to connect your TigerTronics SignalLink USB external USB sound card to your Hermes-ANAN-10 transceiver, this guide may help. You need one approximately 1 to 2 ft long Ethernet jumper cable with RJ45 connectors and two 1/8 inch stereo plugs, some heat shrink tubing, and a soldering iron.

Step 1. Wire the Signal Link internal jumpers following their Elecraft K3 rear Panel Audio In,Audio Out and PTT connection diagram. That diagram is reproduced below. Use the wire jumpers supplied by SignalLink to wire the plugable header to match the digram below:

Signal Link USB Plugable Header Wiring Diagram for Elecraft K3 Cable.

This shows, for example, that the top left plug board inside the SignalLink is connected to pin 6 on the right side of the plug board with a jumper wire. Similarly, the SPKR (bottom left) is connected straight across to pin 1.

Step 2. Snip the RJ45 plug from a RJ45 jumper cable. Inside find four twisted pairs. Wire the first pair to a stereo plug which will be connected to the Headphones jack on Hermes. Wire the second and third pair to a second stereo plug using the table below. Add a few pieces of heat shrink and you are done.

TigerTronics SignalLink K3 USB Pin	RJ-45 Pin Number	Cable Pair Color	Function
SPKR	1	White with Orange	Headphones Stereo Plug Tip
GND	2	Orange	Headphone Stereo Plug Sleeve
Mic	3	White with Green	Mic Stereo Plug Tip
PTT (Push to Talk)	4	Blue	Mic Stereo Plug Ring
GND	5	White with Blue	Mic Stereo Plug Sleeve (1 of 2)
GND	6	Green	Mic Stereo Plug Sleeve (2 of 2)
NC		White with Brown	(Unused, cut off)
NC		Brown	(Unused, cut off)

Completed SignalLink USB to Hermes/ANAN-10 Cable

HTH. Errata to Larry W0AY.