

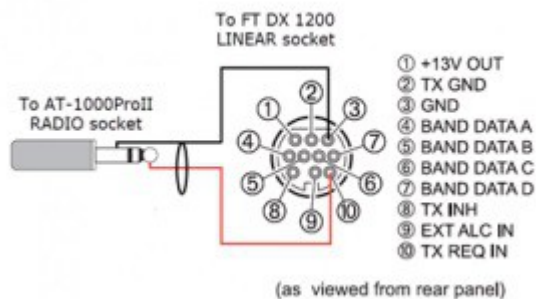
LDG AT-600Pro AutoTuner to FT-dx1200 adapter cable project

I used a shielded stereo audio cable from my "junk box", wired the Linear plug's TX REQ IN (pin 10) to the (1/8") plug's tip and it's sleeve to GND (pin-3)... no connection to the ring... just as Chris, VK2BYI, described in his article (<http://www.vk2byi.com.au/at-1000proii-memory-tuning-issue/>). I set the AT-600Pro automatic tuning mode to Auto, my 1200's Menu #179 Tuner Select to External. Do NOT use the FT-dx1200's [TUNE] button, it does not apply in this application.

When tuning is initiated by a medium press of the AT-600Pro's [Tune] button, the 1200 reduces TX power, goes to TX until a match is found and then drops out, returning the 1200 to it's previous power setting... just as it should and I have the AT-600Pro's manual full and manual memory tuning triggering the tuning carrier from the FT-dx1200. It's great to have this additional ease in tuning.

The Linear plug is a 10-pin mini-DIN plug which is available via the Internet. Chris has a nice image of the Linear socket / LDG Radio plug circuit. Use a tiny soldering tip... there's not much room in there. Understand what you are attempting before beginning this project.

My tuner firmware version is 1.3K.



This image, for Chris' AT-1000ProII, also applies to the AT-600Pro.

