IRLP Interfacing To The RC210

Interfacing an IRLP Node to the RC210 couldn't be simpler! But first you want to make sure the RC210 is configured properly: The following applies to whichever Port you decide to use for your IRLP Node:

1) The COS jumper should be set for ACTIVE LOW
2) The port should be in Carrier Squelch
3) The Deemphasis Jumper should be OFF
4) Depending on which method you decide to use for sending DTMF to the IRLP Node (either turning DTMF Muting OFF on that Port or use the User DTMF Regen Feature), configure that Port appropriately. See the RC210 Operations and Programming Manual for details on these 2 methods.

The COS jumper on the IRLP board itself should be set for ACTIVE LOW.

You'll need to fabricate a cable between your IRLP Node and the RC210.

Connections:

IRLP Node Connector	RC210 Radio Connector
Pin 7 (COS)	Pin 3 (PTT)
Pin 2 (PTT)	Pin 7 (COS)
Line OUT of Sound Card	Pin 5 (Disc)
Line IN of Sound Card And Pin 8 (DTMF Input)	Pin 4 (TX Audio)
Ground	Pin 6,8 or 9 (Gnd)