SCS PTC-II, PTC-IIe Wiring to SGC SG-2000 / SG-2000 Power Talk

Windows PC

Circular power
connector "DC in".
Center pin B+

To 12 volts DC

SCS PTC-II / PTC-IIe

SG-2000 /
SG-2000 PT

8 pin DIN,
"Audio"

8 pin mini DIN,
"Control" **

DB9 plug at
back of radio **

"J-301" 4 Pin
terminal strip plug

SCS supplied optional RS-232
level converter (required) **

Optional audio control cable (required) **
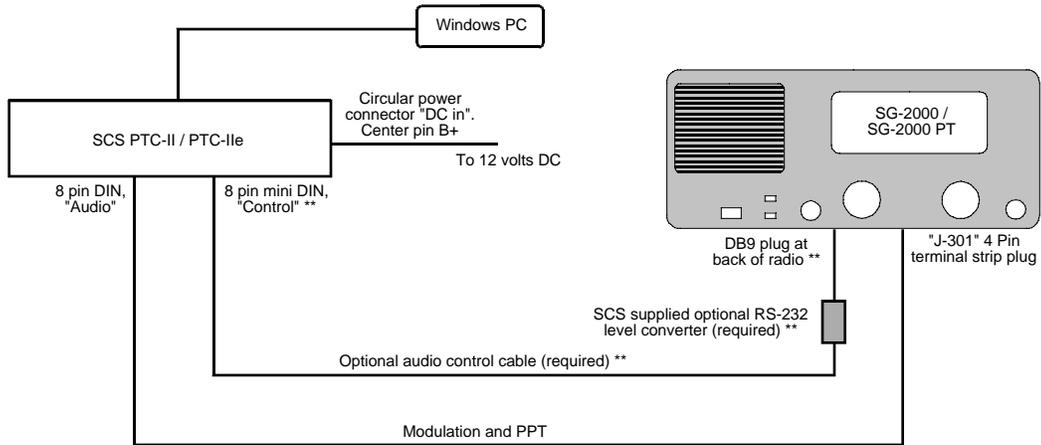
Modulation and PPT

MODULATION AND PTT

PTC-II 8 PIN DIN "AUDIO"	PTC-II COLOR	SGC "J-301" PIN NAME	SGC 4 PIN TERMINAL "J-301"	FUNCTION
1	VIOLET	AUDIO INPUT	1	AUDIO, SCS TO RADIO
2	WHITE	GROUND	2	GROUND
3	YELLOW	PUSH TO TALK	4	PUSH TO TALK
4	GREEN	AUDIO OUTPUT	3	AUDIO, RADIO TO SCS

NOTE 1. INSULATE UNUSED WIRES!

NOTE 2. THE 2000 WITH THE REMOTE HEAD OPTION HAS THE SAME CONNECTION DETAILS AS SHOWN ABOVE, THIS APPLICATION DRAWING DOES NOT SHOW THE HEAD DISCONNECTED FROM THE T/R UNIT.

RADIO CONTROL **

FOR THE MODEM TO CONTROL THE RADIO, AN OPTIONAL RS-232 LEVEL CONVERTER CABLE ASSEMBLY IS REQUIRED. THE CABLE ASSEMBLY IS ONE METER LONG AND IS SUPPLIED WITH A MINI DIN PLUG FOR THE MODEM CONNECTION AND A DB9 CONNECTOR FOR THE RADIO CONNECTION. SPECIFY WHAT TYPE OF RADIO YOU HAVE WHEN ORDERING.

** NOTE: RADIO CONTROL IS A FEATURE OF THE PTC-II ONLY. DISREGARD RADIO CONTROL ITEMS WHEN USING THE PTC-IIe.