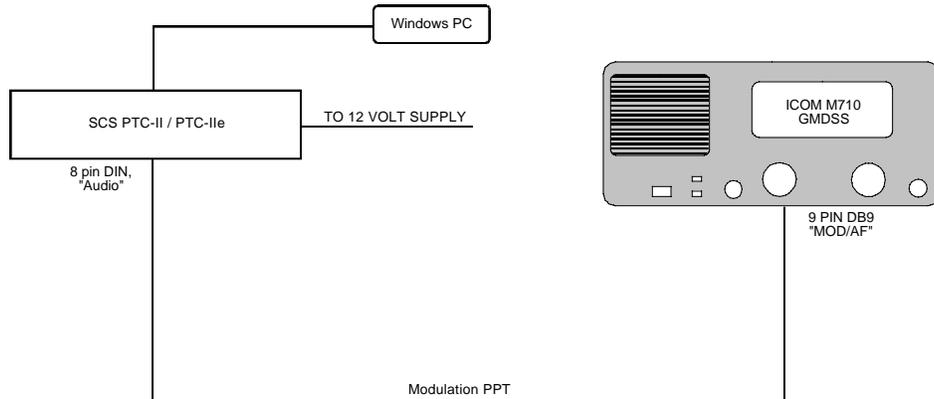


SCS PTC-II, PTC-IIe Wiring to Icom M710 GMDSS



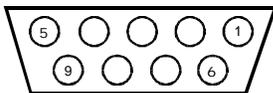
MODULATION, PTT AND B+

PTC-II 8 PIN DIN "AUDIO"	PTC-II COLOR	ICOM NBDP PIN NAME	ICOM 9 PIN DB9 "MOD/AF"	FUNCTION
1	VIOLET	MOD	1, THROUGH 47K RESISTOR	AUDIO, SCS TO RADIO
2	WHITE	GND	2, 4, 9	GROUND
3	YELLOW	SEND	5	PUSH TO TALK
4	GREEN	AF	3, THROUGH 75K RESISTOR	AUDIO, RADIO TO SCS
	SHIELD	GROUND	2, 4, 9	RF SHIELD

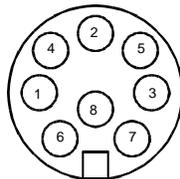
NOTE 1. INSULATE UNUSED WIRES.

NOTE 2. THE GMDSS VERSION OF THE 710 HAS A 350hz IF FILTER THAT CANNOT BE USED WITH FACTOR OPERATION. IT IS RECOMMENDED TO HAVE A FL-100 500hz FILTER INSTEAD.

As an alternative, set the radio to USB (J3E) mode, set the dial freq to 1.7kHz below the station frequency, and set Airmail to 1700hz, USB mode. This will avoid the filter altogether.



VIEW INTO FRONT OF DB9
FEMALE (SOCKETS) OR
INTO BACK OF DB9 MALE



VIEW INTO BACK OF PTC-II
DIN PLUG

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Drawn by: _____ rev: 2