

Application Note

AN #: 180

DATE: 28-Aug-96

Page 1 of 1

PYRAMID MODEL #: SVR-200 / SVR-250
RADIO MODEL: Securicor 220 MHz trunking
ENGINEER: W. Carlin

APPROVAL INITIALS

ENGINEER _____

DEPT. HEAD _____

Connections:	SVR	Function	Radio
	Black/Shield	Ground	Chassis Ground
	White	Tx Audio Out	PL3 pin 2 (MPT trunking PCB)
	Blue	Remote enable/disable	External Switch to Ground
	Green	PTT Out	PL3 pin 4 (MPT trunking PCB)
	Red	Switched B+	D16 (Rev Prot.) Cathode
	Yellow	Rx Audio In	U34 (Audio PA) pin 8
	Violet	COR	U34 pin 7
	Brown	Local Mic In	N/C
	Grey	On Air Detect	PL1 pin 7 (SPU/RFU interface)

SVR	JP1	[-]	Remote Enable	SVR	Mobile COR Polarity:	High
Jumpers:	J1	[Out]	Tx audio level	Program:	Mobile Type:	Conv
	J2	[Out]	Tx audio impedance		On-Air Polarity:	High
	J4	[In]	Local mic audio loop		Tx Audio Response:	De-emp
	J5	[Out]	Local mic PTT loop		Rx Audio Response:	Pre-emp
	J6	[In]	Local Mic Sensitivity			
	J7	[In]	Rx Sensitivity			
	J8	[+]	Pull Up			

Additional Modifications (SVR-200): Disable priority sampling. Order firmware version 2.7 (special order).

Additional Modifications (SVR-250): Disable priority sampling.

Additional Modifications (Radio):

1. Remove data connector and ribbon cable from SK1 on SPU board and replace with a DB15-F.
2. Make the connections between the DB15 and the radio as indicated above.

Revision Number _____

Date _____

Approval Initials _____