

Application Note

AN #: 177A

DATE: 10-Jun-99

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PYRAMID MODEL #: SVR-200 / SVR-250
RADIO MODEL: S.E.A. 220 MHz Trunking
ENGINEER: W. Carlin

APPROVAL INITIALS

ENGINEER

DEPT. HEAD

Connections:	SVR	Function	Radio
	Black/Shield	Ground	Chassis Ground
	White	Tx Audio Out	TP 102 (Personality PCB)
	Blue	Remote enable/disable	P1 Pin 6 (External Sw to ground)
	Green	PTT Out	JU 4-A (Personality PCB)
	Red	Switched B+	U10 Input (SW A+ Personality PCB)
	Yellow	Rx Audio In	TP 108 (Personality PCB)
	Violet	COR	U102 pin 10 (Personality PCB)
	Brown	Local Mic In	TP103 (Personality PCB)
	Grey	On Air Detect	U3 Out (TX 9V RF PA PCB)

SVR	JP1	[-]	Remote Enable	SVR	Mobile COR Polarity:	High
Jumpers:	J1	[In]	Tx audio level	Program:	Mobile Type:	Trunk
	J2	[In]	Tx audio impedance		On-Air Polarity:	High
	J4	[Out]	Local mic audio loop		Tx Audio Response:	De-emp
	J5	[Out]	Local mic PTT loop		Rx Audio Response:	Pre-emp
	J6	[Out]	Local Mic Sensitivity			
	J7	[Out]	Rx Sensitivity			
	J8	[+]	Pull Up			
	J9	[Out]	MCOR Pull Up			

Additional Modifications (SVR-200 / SVR-250): None

Additional Modifications (Radio):

1. Secure the SVR cable to P1 using a nylon wire tie and notch the cover with a 1/4" round file.

Note: Use an external switch to ground is to activate the SVR, connect the *blue* wire to P1 pin 6 and connect the external switch using the external option connector.

Revision Number _____

Date _____

Approval Initials _____