

Application Note

AN #: 219A

DATE:07-Jun-01

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PYRAMID MODEL #: SVR-200 / SVR-250 / SVR-300

RADIO MODEL: Standard GX-4800/5800/5850

ENGINEER: C. Carbajal

APPROVAL INITIALS

ENGINEER

DEPT. HEAD

Connections:	SVR	Function	Radio
	Black/Shield	Ground	JL03 Pin 2
	White	Tx Audio Out	JL03 Pin 15
	Blue	Remote enable/disable	External Switch to Ground
	Green	PTT Out	JL03 Pin 9
	Red	Switched B+	JL03 Pin 10
	Yellow	Rx Audio In	JL04 Pin 16
	Violet	COR	QA03 Pin 4
	Brown	Local Mic In	N/C
	Grey	On Air Detect	Q305 (RF PA) Pin 3

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

Additional Modifications (SVR-200 / SVR-250 / SVR-300): None.

Additional Modifications (Radio):

1. Use Accessory Connector feedthrough on back for radio for Pyramid interface. Strain relief with tie