

# Application Note

AN #: 200A

DATE: 07-May-01

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

**RADIO MODEL:** Tait T200 Series Conv/MPT1327 mobile

**ENGINEER:** W. Carlin / C. Carbajal

**APPROVAL INITIALS**

ENGINEER \_\_\_\_\_

DEPT. HEAD \_\_\_\_\_

Connections:	SVR	Function	Radio
	Black/Shield	Ground	S13 pin 11 {logic PCB}
	White	Tx Audio Out	S13 pin 6 {logic PCB}
	Blue	Remote enable/disable	S14 pin 13 {logic PCB}
	Green	PTT Out	S14 pin 6 {logic PCB}
	Red	Switched B+	S14 pin 1 {logic PCB}
	Yellow	Rx Audio In	S13 pin 1 {logic PCB}
	Violet	COR	S14 pin 4 {logic PCB}
	Brown	Local Mic In	N/C
	Grey	On Air Detect	S2 pin 10 {logic PCB}

<b>SVR</b>	JP1	[+]	Remote Enable	<b>SVR</b>	Mobile COR Polarity:	High
<b>Jumpers:</b>	J1	[Out]	Tx audio level	<b>Program:</b>	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:	Flat
	J6	[In]	Local Mic Sensitivity			
	J7	[In]	Rx Sensitivity			
	J8	[Remove]	No Pull up/down resistor			
	J9	[Out]	MCOR Pull up resistor			

## Additional Modifications (SVR-200 / SVR-250):

1. Replace R13 with 22K

## Additional Modifications (Radio):

1. Program the Aux key for "Latching" operation (found under Edit, Options I).
2. Make all of the connections from points indicated above to a DB9 Female connector and mount connector in the rear panel knock out.

Revision Number \_\_\_\_\_

Date \_\_\_\_\_

Approval Initials \_\_\_\_\_