

# Application Note

AN #: 261A

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

**RADIO MODEL:** Vertex VX-2200

**ENGINEER:** C. Carbajal

**APPROVAL INITIALS**

ENGINEER

DEPT. HEAD

Connections:	SVR	Function	Compact DB-15 Ext. Accy.
	Black/Shield	Ground	Acc Conn pin 15
	White	Tx Audio Out	Acc Conn pin 1
	Blue	Remote enable/disable	Ext. Switch to Ground
	Green	PTT Out	Acc Conn pin 6
	Red	Switched B+	Acc Conn pin 4
	Yellow	Rx Audio In	Acc Conn pin 2
	Violet	COR	Acc Conn pin 9
	Brown	Local Mic In	N/C
	Grey	On Air Detect	N/C

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

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

### Additional Modifications (Radio):

1. Remove J1001. Run a jumper from Pin 9 of the Accy Connector to Pin 100 of Q1065.  
This provides COR to Accy Pin 9.
2. Run a jumper from TP1008 to the Pin 4 of the Accy Connector. This provides SWB+ to Accy Pin 4.
3. Enable External PTT in the Miscellaneous menu in the VX-2200 programming software.