

# Application Note

AN #: 283

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

**RADIO MODEL:** HYT TM-800

**ENGINEER:** C. Carbajal

**APPROVAL INITIALS**

ENGINEER \_\_\_\_\_

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

Connections:	SVR	Function	Radio DB-15 Accy. Connector
	Black/Shield	Ground	Pin 13
	White	Tx Audio Out	Pin 3
	Blue	Remote enable/disable	External Switch to Ground
	Green	PTT Out	Pin 6
	Red	Switched B+	Pin 14
	Yellow	Rx Audio In	Pin 5
	Violet	COR	Pin 7
	Brown	Local Mic Audio	N/C
	Grey	On Air Detect	Pin 8 (See notes 1-2)

<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/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		Local Mic Repeat	No
	J7	[Out]	Rx Sensitivity			
	J8	[+]	Pull up resistor			
	J9	[Out]	MCOR pull up resistor			
	J11	[In]	Tx Audio Level (Not present on older SVR-200 units)			

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

None.

## Additional Modifications (Radio):

- In the programming software/optional features/AUX menu set:  
AUX5 = External PTT  
AUX4 = RX Tone  
*If trunking, Set AUX5 = None*
- If trunking, run a jumper from Pin 8 of DB-15 Accy Connector to Pin 2 of RFPA. This will provide On-Air Detect to the Pyramid device.