

# Application Note

**AN #: 210**

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

**RADIO MODEL:** Sercuricor 4115

**ENGINEER:** W. Carlin

**APPROVAL INITIALS**

ENGINEER

DEPT. HEAD

<b>Connections:</b>	<b>SVR</b>	<b>Function</b>	<b>Radio</b>
	Black/Shield	Ground	All points reference SPU circuit board
	White	Tx Audio Out	D3 Anode (Chassis Ground)
	Blue	Remote enable/disable	Junction R178/R179
	Green	PTT Out	External Switch to Ground
	Red	Switched B+	R47
	Yellow	Rx Audio In	Q3 Drain
	Violet	COR	Q13 Drain (Chan Rx)
	Brown	Local Mic In	Pin 13 of U28
	Grey	On Air Detect	N/C
			R72 (RF PA Enable)

<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:	Trunking
	J2	[In]	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:	Pre-Emp
	J6	[Out]	Local mic Sensitivity			
	J7	[In]	Rx Sensitivity			
	J8	[+]	Pull up resistor			
	J9	[Out]	MCOR pull up resistor			

## **Additional Modifications (SVR-200 / SVR-250 / SVR-300):**

1. None

## **Additional Modifications (Radio):**

1. Drill a hole in the rear or top panel of the 4115 mobile to run the interface cable into the unit. Secure the cable with strain relief.