

# Application Note

**AN #: 267C**

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

**RADIO MODEL:** Motorola MCS-2000 with Pyramid Smart Cable

**ENGINEER:** C. Carbajal

**APPROVAL INITIALS**

ENGINEER

DEPT. HEAD

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

**Smart Cable Part Numbers:** Order 7505-10-1013 for the SVR-200  
Order 7505-10-1213 for the SVR-250 & SVR-300

**Additional Modifications SVR-250:** "EMG" jumper: Solder to the "NC" side. (normally closed)  
This is the Emergency function jumper. (The radio will display an error code when in the wrong position.)  
Ensure that R25 is a 100K ohm resistor.

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

*Note: To enable/disable the SVR-200/250/300, it will be necessary to use the heavy gauge **blue** remote enable wire coming from the in-line black box on the Pyramid Smart Cable. It is common to use a simple toggle switch going to ground.*