

# Application Note

AN #: 175C

DATE: 09-Jan-01

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

**RADIO MODEL:** E.F. Johnson 8600 Series Trunking mobile

**ENGINEER:** W. Carlin

**APPROVAL INITIALS**

ENGINEER \_\_\_\_\_

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

Connections:	SVR	Function	Radio
	Black/Shield	Ground	Chassis Ground
	White	Tx Audio Out	W7 Pin 9 (Audio Logic Board)
	Blue	Remote enable/disable	External Switch to Ground
	Green	PTT Out	W7 Pin 4
	Red	Switched B+	W7 Pin 29
	Yellow	Rx Audio In	W7 Pin 11
	Violet	COR	U11 ( $\mu$ P) Pin 5
	Brown	Local Mic In	N/C
	Grey	On Air Detect	W7 Pin 20

<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:	Trunk
	J2	[In]	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:	flat
	J6	[Out]	Local Mic Sensitivity			
	J7	[Out]	Rx Sensitivity			
	J8	[+]	Pull Up Resistor			

**Additional Modifications (SVR-200 / SVR-250):** None

**Additional Modifications (Radio):** None

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

Date \_\_\_\_\_

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