

# Application Note

AN #: 233

DATE: 27-Aug-03

Page 1 of 1

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

**RADIO MODEL:** EF Johnson 7100 Series Mobile

**ENGINEER:** C. Carbajal

**APPROVAL INITIALS**

ENGINEER

DEPT. HEAD

<b>Connections:</b>	<b>SVR</b>	<b>Function</b>	<b>Radio</b>
	Black/Shield	Ground	J403 Pin 18
	White	Tx Audio Out	Through 220K Resistor to U301 Pin 9
	Blue	Remote enable/disable	External Switch to Ground
	Green	PTT Out	J403 Pin 4
	Red	Switched B+	SW Side of On/Off Switch
	Yellow	Rx Audio In	J403 Pin 13
	Violet	COR	U402 Pin 13
	Brown	Local Mic In	N/C
	Grey	On Air Detect	J403 Pin 12

<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:	Conv.
	J2	[Out]	Tx audio impedance		On-Air Polarity:	High
	J4	[Out]	Local mic audio loop		Tx Audio Response:	Flat
	J5	[Out]	Local mic PTT loop		Rx Audio Response:	Flat
	J6	[Out]	Local Mic Sensitivity		Local Mic Repeat	No
	J7	[Out]	Rx Sensitivity			
	J8	[+]	Pull Up Resistor			
	J9	[Out]	MCOR Pull up			

**Additional Modifications (SVR-200 / SVR-250 / SVR-300):** None.

**Additional Modifications (Radio):**