

Application Note

AN #: 233

DATE: 27-Aug-03

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

RADIO MODEL: EF Johnson 7100 Series Mobile

ENGINEER: C. Carbajal

APPROVAL INITIALS

ENGINEER

DEPT. HEAD

Connections:	SVR	Function	Radio
	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

SVR	JP1	[-]	Remote Enable	SVR	Mobile COR Polarity:	High
Jumpers:	J1	[Out]	Tx audio level	Program:	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):