

Application Note

AN #: 192

DATE: 13-Apr-98

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PYRAMID MODEL #: SVR-200 / SVR-250

RADIO MODEL: EF Johnson 7100 Series

ENGINEER: W. Carlin

APPROVAL INITIALS

ENGINEER _____

DEPT. HEAD _____

Connections:	SVR	Function	Radio
	Black/Shield	Ground	J403 Pin 14 {Ground}
	White	Tx Audio Out	J403 Pin 3 {Mic High}
	Blue	Remote enable/disable	External Switch to Ground
	Green	PTT Out	J403 Pin 4 {PTT}
	Red	Switched B+	Sw side of On/Off
	Yellow	Rx Audio In	J403 Pin 13 {Detector Audio}
	Violet	COR	U402 Pin 13/wo 11 {Logic Squelch}
	Brown	Local Mic In	N/C
	Grey	On Air Detect	N/C

SVR	JP1	[-]	Remote Enable	SVR	Mobile COR Polarity:	High
Jumpers:	J1	[Out]	Tx audio level	Program:	Mobile Type:	Conv.
	J2	[In]	Tx audio impedance		On-Air Polarity:	Low
	J4	[In]	Local mic audio loop		Tx Audio Response:	De-emp
	J5	[In]	Local mic PTT loop		Rx Audio Response:	Flat
	J6	[In]	Local Mic Sensitivity			
	J7	[Out]	Rx Sensitivity			
	J8	[+]	Pull up resistor			

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

Additional Modifications (Radio): None

All points referenced connected directly to logic PCB except SW B+ connected to on/off/vol control.

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Approval Initials _____