

Application Note

AN #: 193

DATE: 7-Aug-98

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PYRAMID MODEL #: SVR-200 / SVR-250

RADIO MODEL: Maxon 2450 series mobile

ENGINEER: W. Carlin

APPROVAL INITIALS

ENGINEER _____

DEPT. HEAD _____

Connections:	SVR	Function	Radio
	Black/Shield	Ground	Chassis Ground
	White	Tx Audio Out	LK7 {side <i>not common</i> w/LK6}
	Blue	Remote enable/disable	Front panel conn. Pin 14 {Call} ^{*note 1}
	Green	PTT Out	Front panel conn. Pin 18 {PTT}
	Red	Switched B+	Front panel conn. Pin 20 {SW2}
	Yellow	Rx Audio In	LK14
	Violet	COR	Junction LK12 & LK13
	Brown	Local Mic In	VR402 Arm
	Grey	On Air Detect	N/C

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

Additional Modifications (SVR-200): Remove R81. Adjust RV1 center pin for 2.5VDC.

Additional Modifications (SVR-250): Remove R25.

Additional Modifications (Radio):

1. In order to use the Aux button on the front panel to activate the SVR, install LK3 and LK4 on the control head PCB.
2. Remove the power cord strain relief panel and drill a 1/4" hole to feed the SVR cable into the radio. Use a wire tie around the SVR cable inside of the panel for strain relief.

Revision Number _____

Date _____

Approval Initials _____