

Application Note

AN #: 151B

DATE: 6-Dec-07

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PYRAMID MODEL #: SVR-200 / SVR-250

RADIO MODEL: Kenwood TK-930

ENGINEER: C. Carbajal

APPROVAL INITIALS

ENGINEER

DEPT. HEAD

Connections:	SVR	Function	Radio {Accessory Connector J4}
	Black/Shield	Ground	J4 Pin 6
	White	Tx Audio Out	J4 Pin 13
	Blue	Remote enable/disable	External Switch To Ground
	Green	PTT Out	J4 Pin 8
	Red	Switched B+	J4 Pin 7
	Yellow	Rx Audio In	J4 Pin 3
	Violet	COR	J4 Pin 10
(Optional)	Brown	Local Mic In	N/C
	Grey	On Air Detect	J4 Pin 11

SVR	JP1	[-]	Remote Enable	SVR	Mobile COR Polarity:	Low
Jumpers:	J1	[Out]	Tx audio level	Program:	Mobile Type:	Conv./Trunk
	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			
	J7	[Out]	Rx Sensitivity			
	J8	[+]	Pull up resistor			
	J9	[Out]	COR Pull Up			

Additional Modifications (SVR-200/SVR-250): Disable local mic repeat option in programming.

Additional Modifications (Radio):

1. From R166 (unconnected side) to CN2 pin 5B { transmit audio input }. Remove zero Ohm jumper W104.
2. From Q102 Collector to CN2 pin 3B { On-Air detect output }
3. From IC104 pin 7 to CN2 pin 3A { discriminator audio output }
5. Remove the white/green wire from CN2 pin 2B connector and run a jumper to D101 center pin on the top side of the logic board. { COR output }

Revision Number _____

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Approval Initials _____