

Application Note

AN #: 203

DATE: 2-Jul-99

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PYRAMID MODEL #: SVR-200 / SVR-250

RADIO MODEL: Midland Titan Series 70-1391/1394/1491/1494

ENGINEER: W. Carlin

APPROVAL INITIALS

ENGINEER _____

DEPT. HEAD _____

Connections:	SVR	Function	Radio {12 pin 3 x 4 Molex Conn }
	Black/Shield	Ground	Acc Conn pin 7
	White	Tx Audio Out	Acc Conn pin 8
	Blue	Remote enable/disable	Acc Conn pin 1
	Green	PTT Out	Acc Conn pin 10
	Red	Switched B+	Acc Conn pin 9
	Yellow	Rx Audio In	Acc Conn pin 12
	Violet	COR	Acc Conn pin 11
	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	[Out]	Local Mic Sensitivity			
	J7	[In]	Rx Sensitivity			
	J8	[Out]	Pull up resistor			
	J9	[Out]	MCOR Pull up resistor			

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

Additional Modifications (Radio):

1. Remove the RED wire from the accessory connector pin 8. Add the following jumper wires from the Accessory connector:

Acc Connector Pin	Location in radio
7	J202 pin 7
8	J401 pin 7
9	J402 pin 11
10	J902 pin 12
11	Junction R908/D402
12	IC404 pins 6 & 7

R980/D402 are located adjacent to RV402 at the front right corner of the logic PCB.