

Application Note

AN #: 182A

DATE: 17-Oct-01

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PYRAMID MODEL #: SVR-200 / SVR-250
RADIO MODEL: Motorola GTX/LCS-2000 Trunking
ENGINEER: C. Carbajal

APPROVAL INITIALS

ENGINEER _____

DEPT. HEAD _____

Connections:	SVR	Function	Radio	
	Black/Shield	Ground	J0400 Pin 7	
	White	Tx Audio Out	J0400 Pin 2	
	Blue	Remote enable/disable	Ext. Switch to Gnd	
	Green	PTT Out	J0400 Pin 3	
	Red	Switched B+	J0400 Pin 13	* see note 1
	Yellow	Rx Audio In	J0400 Pin 11	
	Violet	COR	J0400 Pin 4	* see note 2
	Brown	Local Mic In	N/C	
	Grey	On Air Detect	J0400 Pin 15	* see note 3

SVR	JP1	[-]	Remote Enable	SVR	Mobile COR Polarity:	Low
Jumpers:	J1	[Out]	Tx audio level	Program:	Mobile Type:	Trunk
	J2	[Out]	Tx audio impedance		On-Air Polarity:	High
	J4	[In]	Local mic audio loop		Tx Audio Response:	De-emp
	J5	[Out]	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 / SVR-250): None.

Additional Modifications (Radio): Refer to page 55 of the Motorola manual for parts location.

1. Remove R455 and install as R456. Install a solder jumper for R425 and L417. (SW B+)
2. Remove L413 and install a jumper from the collector of Q0401 to pin 4 of J0400. (COR output)
3. Remove L407 and install a jumper from Q741 base to pin 15 of J0400. (On Air Detect)

Revision Number _____

Date _____

Approval Initials _____