

Application Note

AN #: 236A

DATE: 29-Apr-04

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PYRAMID MODEL #: SVR-200 / SVR-250 / SVR-300

RADIO MODEL: Midland Syntech II - Low Band

ENGINEER: C. Carbajal

APPROVAL INITIALS

ENGINEER

DEPT. HEAD

Connections:	SVR	Function	Radio
	Black/Shield	Ground	J319 Pin 12 (Control head connector)
	White	Tx Audio Out	J319 Pin 5
	Blue	Remote enable/disable	External switch to ground
	Green	PTT Out	J319 Pin 8
	Red	Switched B+	J319 Pin 10
	Yellow	Rx Audio In	J319 Pin 9
	Violet	COR	J319 Pin 1
(Optional)	Brown	Local Mic In	J319 Pin 6 (use with RCS-200)
(Optional)	Grey	On Air Detect	J319 Pin 3 (use with RCS-200)

SVR	JP1	[-]	Remote Enable	SVR	Mobile COR Polarity:	High
Jumpers:	J1	[Out]	Tx audio level	Program:	Mobile Type:	Conv.
	J2	[Out]	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:	Pre-emp
	J6	[Out]	Local Mic Sensitivity			
	J7	[Out]	Rx Sensitivity			
	J8	[+]	Pull up resistor			
	J9	[Out]	COR Pull Up			

Additional Modifications (SVR-200 / SVR-250 / SVR-300): None

Additional Modifications (Radio):

1. On the logic board, add a jumper from IC909 pin 13 to the option connector P125 pin 2 (Horn) on the TR board. This connects COR from IC909 with the Horn wire which is brought to the control head at Pin 1 of J319.

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Revision Number _____

Date _____

Approval Initials _____