

Application Note

AN #: 216A

DATE: 24-Apr-01

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PYRAMID MODEL #: SVR-200 / SVR-250

RADIO MODEL: Motorola Spectra High Band/High Power /w 9000 Head

ENGINEER: W. Carlin

APPROVAL INITIALS

ENGINEER _____

DEPT. HEAD _____

Connections:	SVR	Function	Logic PCB
	Black/Shield	Ground	P0503 pin 12 (DigGround)
	White	Tx Audio Out	P0503 pin 13 (Mic Hi)
	Blue	Remote enable/disable	External Sw to ground
	Green	PTT Out	P0503 pin 17 (PTT)
	Red	Switched B+	P0503 pin 20 (SW B+)
	Yellow	Rx Audio In	P0503 pin 21 (Det. Audio)
	Violet	COR	Audio PA IC (TDA 7256) pin 10
	Brown	Local Mic In	N/C
	Grey	On Air Detect	P0500A pin 15 (K9.4V)

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:	High
	J4	[In]	Local mic audio loop		Tx Audio Response:	De-Emp
	J5	[Out]	Local mic PTT loop		Rx Audio Response:	Flat
	J6	[In]	Local Mic Sensitivity			
	J7	[Out]	Rx Sensitivity			
	J8	[+]	Pull up resistor			
	J9	[Out]	MCOR Pull up resistor			

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

Additional Modifications (Radio):

Note: All connections (except violet wire, COR) made on under side of HLN6084B Command Board.