

Application Note

AN #: 244A

DATE: 17-Aug-07

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

RADIO MODEL: Motorola PM400

ENGINEER: C. Carbajal

APPROVAL INITIALS

ENGINEER

DEPT. HEAD

Order the Pyramid interface cable Part # 7501-10-1093 for the SVR-200

Order the Pyramid interface cable Part # 7501-10-1293 for the SVR-250 & SVR-300

Connections:	SVR	Function	Radio
	Black/Shield	Ground	Accessory Connector Pin 7
	White	Tx Audio Out	Accessory Connector Pin 2
	Blue	Remote enable/disable	External Switch to ground (see note)
	Green	PTT Out	Accessory Connector Pin 3
	Red	Switched B+	Accessory Connector Pin 13
	Yellow	Rx Audio In	Accessory Connector Pin 11
	Violet	COR	Accessory Connector Pin 4
	Brown	Local Mic In	N/C
	Grey	On Air Detect	N/C

SVR	JP1	[-]	Remote Enable	SVR	Mobile COR Polarity:	Low
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:	Flat
	J6	[In]	Local mic sensitivity		* Local Mic Repeat Not Supported.	
	J7	[Out]	Receive sensitivity			
	J8	[+]	Pull up resistor			

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

Additional Modifications (Radio):

1. In the Motorola CPS, Program Accessory connector **Pin 3** for **External Mic PTT**, Active Low.
2. In the Motorola CPS, Program Accessory connector **Pin 4** for **PL/DPL & CSQ Detect**, Active Low.

Revision Number

Date

Approval Initials