

Application Note

AN #: 298

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

RADIO MODEL: BK KNG-M150

ENGINEER: C. Carbajal

APPROVAL INITIALS

ENGINEER

DEPT. HEAD

Connections:	SVR	Function	Radio (Auxillary Connector DB25)
	Black/Shield	Ground	Pin 8
	White	Tx Audio Out	Pin 19
	Blue	Remote enable/disable	Pin 24
	Green	PTT Out	Pin 12
	Red	Switched B+	Pin 20
	Yellow	Rx Audio In	Pin 6
	Violet	COR	Pin 23
	Brown	Local Mic In	N/C
	Grey	On Air Detect	Pin 11 *(Proposed Future Use)
	Black/White	Emergency	Pin 9 (SVR-250/300 Series Only)

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:	High
	J4	[Out]	Local mic audio loop		Tx Audio Response:	Pre-Emp
	J5	[Out]	Local mic PTT loop		Rx Audio Response:	De-Emp
	J6	[Out]	Local Mic Sensitivity		Priority Sampling	~ 0.75 Sec.
	J7	[Out]	Rx Sensitivity		Local Mic Repeat	Disabled
	J8	[+]	Pull up resistor			
	J9	[In]	MCOR Pull up resistor			
	J11	[Out]	Tx audio level			

Additional Modifications (Radio):

1. In the Programming Application:

a. In the **Global / Common / Mobile I/O** screen

1. Set Output 1 Mode = Active Rx - Mobile Checked - Active Low
2. Set Output 2 Mode = None
3. Set Output 3 Mode = Auxillary 1 Button - Mobile Checked - Active Low

b. In the **Conventional / Buttons** screen

1. Program a Button or Menu Item for Auxillary 1 Output. This will enable the SVR when pressed.