

# Application Note

AN #: 255

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

**RADIO MODEL:** BK Radio DMH Digital

**ENGINEER:** C. Carbajal

**APPROVAL INITIALS**

ENGINEER

DEPT. HEAD

Connections:	SVR	Function	Radio (DB-15 Accessory Connector)
	Black/Shield	Ground	Pin 6
	White	Tx Audio Out	Pin 11
	Blue	Remote enable/disable	External Switch to Ground
	Green	PTT Out	Pin 12
	Red	Switched B+	Pin 5
	Yellow	Rx Audio In	Pin 2
	Violet	COR	Pin 10
	Brown	Local Mic In	N/C
	Grey	On Air Detect	Pin 1

<b>SVR</b>	JP1	[-]	Remote Enable	<b>SVR</b>	Mobile COR Polarity:	High
<b>Jumpers:</b>	J1	[In]	Tx audio level	<b>Program:</b>	Mobile Type:	Conv/Trunk
	J2	[In]	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	[In]	Local Mic Sensitivity		Local Mic Repeat	Yes
	J7	[Out]	Rx Sensitivity			
	J8	[+]	Pull up resistor			

**Additional Modifications (SVR-200/250/300):** Disable local mic repeat option in programming software.

## Additional Modifications (Radio):

1. Run a jumper wire from Pin E10 of the Switch Board ribbon cable assembly to Pin 14 of J15 located on the Accessory Board in the control head section. This brings COR to OPT-A on the accessory connector.
2. Run a jumper wire from Pin E7 of the Switch Board ribbon cable assembly to Pin 3 of J15 located on the Accessory Board in the control head section. This brings On Air Detect to OPT-B on the accessory connector.

Revision Number \_\_\_\_\_

Date \_\_\_\_\_

Approval Initials \_\_\_\_\_