

Application Note

AN #: 215A

DATE: 21-Jun-06

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

RADIO MODEL: Kenwood TK-6110 Low Band

ENGINEER: C. Carbajal

APPROVAL INITIALS

ENGINEER _____

DEPT. HEAD _____

Order the Pyramid TK-6110 interface cable Part # 7501-10-1044 for the SVR-200

Order the Pyramid TK-6110 interface cable Part # 7501-10-1244 for the SVR-250 & SVR-300

Connections:	SVR	Function	Radio
	Black/Shield	Ground	Accessory Connector Pin 15
	White	Tx Audio Out	Accessory Connector Pin 5
	Blue	Remote enable/disable	Accessory Connector Pin 11 *See Note 2
	Green	PTT Out	Accessory Connector Pin 8
	Red	Switched B+	Accessory Connector Pin 7
	Yellow	Rx Audio In	Accessory Connector Pin 4
	Violet	COR	Accessory Connector Pin 14 *See Note 3
	Brown	Local Mic In	N/C
	Grey	On Air Detect	N/C

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:	---
	J4	[Out]	Local mic audio loop		Tx Audio Response:	De-emp
	J5	[Out]	Local mic PTT loop		Rx Audio Response:	Flat
	J6	[Out]	Local Mic Sensitivity		Local Mic Repeat	No
	J7	[Out]	Rx Sensitivity			
	J8	[+]	Pull up resistor			

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

Additional Modifications (Radio):

1. In the KPG59D Software, under the **Key Assignment** menu, program button **A** for **AUX** output.
2. In the KPG59D Software, under **Optional Features**, program **Ext. PTT w/ Mic Mute = YES**.
3. If you are decoding DQT/QT (DCS/CTCSS) in the TK-6110, you need to **remove** the **Grey wire going Pin 8 of CN2** and jumper it to the **junction of R135 and C139** on the under side of the main PCB.

Revision Number _____

Date _____

Approval Initials _____