

# Application Note

**AN #: 181A**

DATE: 30-Oct-98

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

**RADIO MODEL:** Kenwood TK-760/860 mobile

**ENGINEER:** W. Carlin

**APPROVAL INITIALS**

ENGINEER

DEPT. HEAD

<b>Connections:</b>	<b>SVR</b>	<b>Function</b>	<b>Radio</b>	
	Black/Shield	Ground	KCT-19 Pin 6	
	White	Tx Audio Out	KCT-19 Pin 5	
	Blue	Remote enable/disable	External Switch to Ground	
	Green	PTT Out	KCT-19 Pin 8	
	Red	Switched B+	KCT-19 Pin 7	
	Yellow	Rx Audio In	KCT-19 Pin 4	
	Violet	COR	KCT-19 Pin 13	* see note 1
{Optional}	Brown	Local Mic In	KCT-19 pin 14	* see note 2
	Grey	On Air Detect	N/C	

<b>SVR</b>	JP1	[-]	Remote Enable	<b>SVR</b>	Mobile COR Polarity:	Low
<b>Jumpers:</b>	J1	[In]	Tx audio level	<b>Program:</b>	Mobile Type:	Conv
	J2	[Out]	Tx audio impedance		On-Air Polarity:	Low
	J4	[Out]	Local mic audio loop		Tx Audio Response:	De-emp
	J5	[In]	Local mic PTT loop		Rx Audio Response:	Flat
	J6	[Out]	Local Mic Sensitivity			
	J7	[Out]	Rx Sensitivity			
	J8	[+]	Pull up resistor			

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

**Additional Modifications (Radio):** Refer to page 55 of the Kenwood manual for parts location.

1. Solder the two anodes of D205 together to route the audio mute signal out to the KCT-19 cable.
2. If local mic repeat option is enabled, remove the wire from E2 of the KCT-19 (connected to CN2 on the TK-x60 main PCB) and solder it to point "MD" adjacent to IC6.

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

Date \_\_\_\_\_

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