PYRAMID MODEL #: SVR-200 / SVR-250
RADIO MODEL: Kenwood TK-7160 / TK-8160
ENGINEER: C. Carbajal

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APPROVAL  INITIALS
ENGINEER
DEPT. HEAD
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Order the Pyramid TX-x160 interface cable Part # 7505-10-1044 for the SVR-200
Order the Pyramid TX-x160 interface cable Part # 7505-10-1244 for the SVR-250

Connections:	*SVR*	*Function*	*Radio*	
	Black/Shield	Ground	KCT-39 Pin 3	GND
	White	Tx Audio Out	KCT-39 Pin 5	DATAI
	Blue	Remote enable/disable	KCT-39 Pin 14	FNC2
	Green	PTT Out	KCT-39 Pin 7	FNC3
	Red	Switched B+	KCT-39 Pin 1	SB+
	Yellow	Rx Audio In	KCT-39 Pin 4	DETO
	Violet	COR	KCT-39 Pin 11	FNC7
	Brown	Local Mic In	N/C	
	Grey	On Air Detect	KCT-39 Pin 15	FNC1

SVR Jumpers:				**SVR Program:**		
	JP1	[-]	Remote Enable		Mobile COR Polarity:	Low
	J1	[Out]	Tx audio level		Mobile Type:	Conv./ Trunk
	J2	[Out]	Tx audio impedance		On-Air Polarity:	Low
	J4	[Out]	Local mic audio loop		Tx Audio Response:	Flat
	J5	[Out]	Local mic PTT loop		Rx Audio Response:	Flat
	J6	[Out]	Local mic sensitivity		Local Mic Repeat	No
	J7	[Out]	Receive sensitivity			
	J8	[+]	Pull up resistor			
	J9	[Out]	COR Pull up resistor			

Additional Modifications (SVR-200 / SVR-250):

Additional Modifications (Radio): Install the KCT-39 into the radio.

Using the KPG-99 software, program the following:

1. Program the *Edit*/*Key Assignments:*
    A Key = AUX

2. Program the *Edit*/*Function Port:*
    Port 1 = *Output***, TXS**
    Port 2 = *Output***, AUX**
    Port 3 = *Input***, PTT**
    Port 7 = *Output***, Tone Operated Relay**