Application Note

AN #: 287B
DATE: 9-April-18

PYRAMID MODEL #: SVR-200 / SVR-250 / SVR-300 / SVR-350
RADIO MODEL: Kenwood TK-7302 / 8302 / 7360 / 8360
ENGINEER: C. Carbajal

APPROVAL INITIALS
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Order the Pyramid interface cable Part # 7502-10-1212 for the SVR-250, SVR-300 & SVR-350 Series **

Connections:	***SVR***	***Function***	***Radio DB15 Accy Connector***
	Black/Shield	Ground	Pin 15
	White	Tx Audio Out	Pin 5
	Blue	Remote enable/disable	Pin 10
	Green	PTT Out	Pin 9
	Red	Switched B+	Pin 1
	Yellow	Rx Audio In	Pin 4
	Violet	COR	Pin 8
	Brown	Local Mic Audio	N/C
	Grey	On Air Detect	Pin 11

SVR Jumpers:	JP1	[-]	Remote Enable	**SVR Program:**	Mobile COR Polarity:	Low
	J1	[Out]	Tx audio level		Mobile Type:	Conv
	J2	[Out]	Tx audio impedance		On-Air Polarity:	High
	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			
	J9	[Out]	MCOR pull up resistor			
	J11	[In]	Tx Audio Level			

Additional Modifications (SVR-200 / SVR-250 / SVR-300): ** Use 7500-02-1212 Power Injector on SVR-300, SVR-P250 & SVR-350 Installations.

Additional Modifications (Radio):
In the Kenwood radio programming software KPG-124D:

1. Under ***Edit***, ***Extended Function:*** Port 4- Input-External PTT
   Port 3- Output-Tone Operated Relay
   Port 6- Output-TXS
   Port 5- Output-Aux
2. Under ***Edit, Key Assignment, Panel:*** Assign the A key for "AUX"
3. Under ***Edit, Optional Features, LED Selection,*** under the "Blue LED", select "AUX"