Application Note

AN #: 310A
DATE:31-Jul-2018

PYRAMID MODEL #: SVR-200 / SVR-250 / SVR-300 / SVR-350
RADIO MODEL: Kenwood Viking VM600 & VM900
ENGINEER: C. Carbajal

APPROVAL INITIALS
ENGINEER
DEPT. HEAD

Order Pyramid Interface Cable Part # 7553-10-1045 when connecting to the SVR-200
Order Pyramid Interface Cable Part # 7553-10-1245 when connecting to the SVR-250

Connections:	***SVR***	***Function***	***Radio DB25 {UDDI-PVP Port}*** **{EFJ PN R597-5357-738}**
	Black/Shield	Ground	DB25 Pin 24
	White	Tx Audio Out	DB25 Pin 12
	Blue	Remote enable/disable	DB25 Pin 14
	Green	PTT Out	DB25 Pin 1
	Red	Switched B+	DB25 Pin 22
	Yellow	Rx Audio In	DB25 Pin 10
	Violet	COR	DB25 Pin 6
	Brown	Local Mic Audio	N/C
	Grey	On Air Detect	DB25 Pin 5

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

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

Additional Modifications (Radio):

1. Program one of the soft keys to enable/disable the SVR by selecting "Radio Wide Options", "Assign Buttons", click on the desired key and select "Remote Access".

Note: If you are trying to use our older 7553-10-1045 cable designed for an SVR-200 to the Johnson 5300 SL (NON ES) radio, you will have to run a jumper from pin 24 to pin 21 of the DB-25 accy connector to enable the external microphone input (TX_MIC_IN) located at pin 12 of the 5300 ES DB-25.