

Application Note

AN #: 313

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PYRAMID MODEL #: SVR-P255
RADIO MODEL: Kenwood / EFJ Viking VM900
ENGINEER: C. Carbajal

APPROVAL INITIALS

ENGINEER _____

DEPT. HEAD _____

Order Pyramid Interface Cable Part # 7555-10-1245 when connecting to the SVR-P255

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
	Black/Wht	Emergency NC	DB25 Pin 4
	Teal	Output A	DB25 Pin 15
	Pink	Output B	DB25 Pin 16

SVR	JP1	[+]	Remote Enable	SVR	Mobile COR Polarity:	Low
Jumpers:	J1	[Out]	Tx audio level	Program:	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-P255): Set the EMG Jumper = NC

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: Ensure that your Viking mobile radio and portable radio are EVRS enabled. Order **Kenwood-EFJ P/N 8326000023 for the portable radio and P/N 8326000024 for the mobile radio** to enable EVRS capabilities of the SVR-P255 EVRS trunking mode.*

Note: If you are not using the factory 7555-10-1245 cable designed for an SVR-P255, 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 Viking DB-25.