

Application Note

AN #: 207

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PYRAMID MODEL #: SVR-200 / SVR-250

RADIO MODEL: Kenwood TK-715 Reginet MPT trunking

ENGINEER: W. Carlin

APPROVAL INITIALS

ENGINEER

DEPT. HEAD

Connections:	SVR	Function	Radio
	Black/Shield	Ground	Chassis Ground
	White	Tx Audio Out	CN3 Pin 9
	Blue	Remote enable/disable	External Switch to Ground
	Green	PTT Out	CN2 pin 8 (See Note 1)
	Red	Switched B+	L15 positive side
	Yellow	Rx Audio In	CN3 pin 5
	Violet	COR	CN3 pin 4
	Brown	Local Mic In	N/C
	Grey	On Air Detect	N/C

SVR	JP1	[-]	Remote Enable	SVR	Mobile COR Polarity:	Low
Jumpers:	J1	[In]	Tx audio level	Program:	Mobile Type:	Conv
	J2	[Out]	Tx audio impedance		On-Air Polarity:	Low
	J4	[Out]	Local mic audio loop		Tx Audio Response:	De-Emp
	J5	[Out]	Local mic PTT loop		Rx Audio Response:	Pre-Emp
	J6	[Out]	Local Mic Sensitivity			
	J7	[Out]	Rx Sensitivity			
	J8	[+]	Pull up resistor			
	J9	[Out]	MCOR Pull up resistor			

Additional Modifications (SVR-200/SVR-250): Disable local mic repeat.

Additional Modifications (Radio):

1. Add a jumper on the front panel PCB from J1 pin 3 (mic jack TXD/PTT) to CN2 pin 8.