

Application Note

AN #: 190

DATE: 24-Oct-97

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PYRAMID MODEL #: SVR-200 / SVR-250

RADIO MODEL: Vertex FTL-x011 4/24 channel {New Logic Board}

ENGINEER: W. Carlin

APPROVAL INITIALS

ENGINEER _____

DEPT. HEAD _____

Connections:	SVR	Function	Radio
	Black/Shield	Ground	Logic Board Ground Plane
	White	Tx Audio Out	J2006 Pin 4
	Blue	Remote enable/disable	Q2017-Collector
	Green	PTT Out	J2006 Pin 1
	Red	Switched B+	J2001 Pin 6
	Yellow	Rx Audio In	J2001 Pin 3
	Violet	COR	Q2005-Base
(Optional)	Brown	Local Mic In	Mic Amp Unit Out
	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	[In]	Local mic PTT loop		Rx Audio Response:	Flat
	J6	[Out]	Local Mic Sensitivity			
	J7	[Out]	Rx Sensitivity			
	J8	[+]	Pull up resistor			

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

Additional Modifications (Radio):

1. Program the "A" key for Accessory.
2. All points tied directly to logic board. Cable inserted in chassis knockout between heat sink fins.

Revision Number _____

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Approval Initials _____