

Application Note

AN #: 534

DATE: 10-Oct-02

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PYRAMID MODEL #: 2012 / 2016 / Merlin
RADIO MODEL: Vertex FTL-x011 99 Channel
ENGINEER: C. Carbajal

APPROVAL INITIALS

ENGINEER

DEPT. HEAD

Connections:	SVR-200	Function	Radio {DB25 connector}
	Black/Shield	Ground	J3008 Pin 2
	White	Tx Audio Out	J3008 Pin 3
	Blue	On Air Detect	N/C
	Green	PTT Out	J3008 Pin 5 & 6
	Red	Switched B+	J3001 Pin 6
	Yellow	Rx Audio In	J3008 Pin 4
	Violet	COR	VIB-100 Output
	Brown	RX Audio Mute	J3008 Pin 8
	Grey	Mic Mute / Ch. Chng.	N/C

2012/Merlin	J1	[Out]	Tx audio level	Pyramid	Mobile COR Polarity:	Low
Jumpers:	J2	[In]	Local PTT Loop	Program:	Mobile Type:	Conv./Trunk
					On-Air Polarity:	High
2012/Merlin	J1	[In]	Local PTT Loop		I/O Pin 9	Mute
Jumpers:	J2	[Out]	TX audio level			

Additional Modifications (2012 / 2012 / Merlin):

Additional Modifications (Radio):

1. To provide COR signal to the Pyramid, install VIB-00 interface board on the Vertex 99 channel logic board per AN144.