

Application Note

AN #: 546

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PYRAMID MODEL #: 2012

RADIO MODEL: EFJ 8610 with channel change

ENGINEER: W. Carlin

APPROVAL INITIALS

ENGINEER _____

DEPT. HEAD _____

Connections:	Pyramid	Function	Radio J7 logic board interconnect	
	Black/Shield	Ground	J7 pin 1	Ground
	White	Tx Audio Out	J7 pin 9	Mic input
	Blue	On-Air Detect	J7 pin 20	T/R
	Green	PTT Out	J7 pin 4	PTT
	Red	Switched B+	J7 pin 29	SW 12V
	Yellow	Rx Audio In	J7 pin 11	Disc
	Violet	COR	U11 pin 5	µP logic Sq
	Brown	Tx Data->2012	J7 pin 6	TxD
	Grey	Rx Data<-2012	J7 pin 8	RxD

2012 Jumpers: J1 [Out] TX audio level
J2 [Out] PTT loop back

Pyramid Program: Mobile COR Polarity: Low
Mobile Type: Conv/Trunk
On-Air Polarity: Low
I/O Pin 9 Channel Chg
EFJ Method

Additional Modifications (Pyramid): Perform ECN 188 modifications to the 2012.

Additional Modifications (Radio):

1. Drill a 1/4" hole at the back of the chassis above the speaker jack for the cable to enter the 8610.
2. Make all connections on solder side of main logic board at interface connector J7 (ribbon cable).