

Application Note

AN #: 504B

DATE: 09-Jan-01

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PYRAMID MODEL #: 2012 / 3012 / 2017 Merlin / 2016

RADIO MODEL: EF Johnson 8600 Series Trunked Mobile

ENGINEER: W. Carlin / Rev. PW

APPROVAL INITIALS

ENGINEER

DEPT. HEAD

Connections:	Pyramid	Function	Radio
	Black/Shield	Ground	Chassis Ground
	White	Tx Audio Out	W7 Pin 9 (Audio Logic Board)
	Blue	On-Air Detect	W7 Pin 20
	Green	PTT Out	W7 Pin 4
	Red	Switched B+	W7 Pin 29
	Yellow	Rx Audio In	W7 Pin 11
	Violet	COR	U11 (uP) Pin 5
(Optional)	Brown	Audio Mute Out	N/C (W7 Pin 6)*
(Optional)	Grey	Mic Mute	N/C (W7 Pin 8)*

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

Pyramid Mobile COR Polarity: Low
Program: Mobile Type: Trunk
On-Air Polarity: Low
I/O Pin 9 Mute

2016 J1 [Out] PTT loop back
Jumpers: J2 [Out] TX audio level

Additional Modifications (2012/2016/Merlin): If using 2012 with Channel Change PCB 9200-01-4066, connect brown and grey wires in radio. See ECN#126B for installation of 9200-01-4066 module. Otherwise, these connections are left off.

Additional Modifications (Radio): None