

Application Note

AN #: 525A

DATE: 18-Jan-02

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PYRAMID MODEL #: 2012 / 2016 / Merlin

RADIO MODEL: Motorola Maxtrac

ENGINEER: C. Carbajal

APPROVAL INITIALS

ENGINEER

DEPT. HEAD

Connections:	Pyramid	Function	Radio
Pin 1	Black/Shield	Ground	Accessory Connector Pin 7
Pin 2	White	Tx Audio Out	Accessory Connector Pin 2
Pin 3	Blue	On Air Detect	P6 pin 4 (TX PA connenctor)
Pin 4	Green	PTT Out	Accessory Connector Pin 3
Pin 5	Red	Switched B+	Accessory Connector Pin 13
Pin 6	Yellow	Rx Audio In	Accessory Connector Pin 11
Pin 7	Violet	COR	Q551 Gate (radio logic board)
Pin 8	Brown	Audio Mute	N/C
Pin 9	Grey	Mic Mute / Chan Chng	N/C

2012/Merlin J1 [Out] TX audio level

Jumpers: J2 [Out] PTT loop back

Pyramid Mobile COR Polarity: High
Program: Mobile Type: Conv.
On-Air Polarity: Low

2016 J1 [Out] PTT loop back

Jumpers: J2 [Out] TX audio level

Additional Modifications (2012/2016/Merlin): None.

Additional Modifications (Radio): None.

Revision Number _____

Date _____

Approval Initials _____