

Application Note

AN #: 511A

DATE: 04-Oct-00

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

RADIO MODEL: Motorola Maxar UHF

ENGINEER: W. Carlin / Rev. PW

APPROVAL INITIALS

ENGINEER _____

DEPT. HEAD _____

Connections:	Pyramid	Function	Radio
	Black/Shield	Ground	Chassis
	White	Tx Audio Out	Junction R122 & R124
	Blue	On-Air Detect	Point "N" to PL Board (Grn/Wht)
	Green	PTT Out	Point "M" to PL Board (Grn/Brn)
	Red	Switched B+	Point "C" to PL Board (Red/Wht)
	Yellow	Rx Audio In	Point "E" to PL Board (Yel/Wht)
	Violet	COR	Q17 Base (Q84 on 25W Version)
(Optional)	Brown	Audio Mute Out	Volume Control High
(Optional)	Grey	Mic Mute	N/C

2012/Merlin	J1	[In]	TX audio level	Pyramid	Mobile COR Polarity:	High
Jumpers:	J2	[Out]	PTT loop back	Program:	Mobile Type:	Conv.
					On-Air Polarity:	Low
2016	J1	[Out]	PTT loop back		I/O Pin 9	Mute
Jumpers:	J2	[In]	TX audio level			

Additional Modifications (2012/2016/Merlin): None

Additional Modifications (Radio): None