

Application Note

AN #: 503A

DATE: 04- Oct- 00

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PYRAMID MODEL # 2012 / 2016 / Merlin

RADIO MODEL: Motorola GM300 with expanded accessory connector

ENGINEER: W. Carlin / Rev. PW

APPROVAL INITIALS

ENGINEER

DEPT. HEAD

Connections:	<i>Pyramid</i>	<i>Function</i>	<i>Radio</i>
	Black/Shield	Ground	Accessory Connector Pin 7
	White	Tx Audio Out	Accessory Connector Pin 2
	Blue	On-Air Detect	N/C
	Green	PTT Out	Accessory Connector Pin 3
	Red	Switched B+	Accessory Connector Pin 13
	Yellow	Rx Audio In	Accessory Connector Pin 11
	Violet	COR	Accessory Connector Pin 4
(Optional)	Brown	Audio Mute Out	N/C
(Optional)	Grey	Mic Mute	N/C

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

Additional Modifications (2012/2016/Merlin)None

Additional Modifications (Radio):

1. Program Accessory connector J3 pin 4 for ***PL/DPL & CSQ Detect*** , active low.
2. Ensure JU551 is in the "B" position (default).