

Application Note

AN #: 507

DATE: 21- Dec- 98

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PYRAMID MODEL # 2012 / 2016 / Merlin

RADIO MODEL: Kenwood TK-705 VHF

ENGINEER: W. Carlin / Rev. PW

APPROVAL INITIALS

ENGINEER

DEPT. HEAD

Connections:	<i>Pyramid</i>	<i>Function</i>	<i>Radio</i>
	Black/Shield	Ground	Chassis
	White	Tx Audio Out	CN2 Pin 2 (ABTO)
	Blue	On-Air Detect	CN3 TX
	Green	PTT Out	Mic Connector Pin 3
	Red	Switched B+	Switched side of S201
	Yellow	Rx Audio In	CN3 Det
	Violet	COR	CN4 Mute
(Optional)	Brown	Audio Mute Out	Q4 Collector
(Optional)	Grey	Mic Mute	VR2 High Side

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

Additional Modifications (2012/2016/Merlin):None

Additional Modifications (Radio): None