

Application Note

AN #: 507

DATE: 21-Dec-98

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

RADIO MODEL: Kenwood TK-705 VHF

ENGINEER: W. Carlin / Rev. PW

APPROVAL INITIALS

ENGINEER _____

DEPT. HEAD _____

Connections:	Pyramid	Function	Radio
	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
Jumpers:	J2	[Out]	PTT loop back
2016	J1	[Out]	PTT loop back
Jumpers:	J2	[In]	TX audio level

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

Additional Modifications (2012/2016/Merlin): None

Additional Modifications (Radio): None