

Application Note

AN #: 509B

DATE: 04-Oct-00

Page 1 of 1

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

RADIO MODEL: Kenwood TK-x60 Series

ENGINEER: W. Carlin

APPROVAL INITIALS

ENGINEER _____

DEPT. HEAD _____

Connections:	Pyramid	Function	Radio
	Black/Shield	Ground	KCT-19 Pin 6
	White	Tx Audio Out	KCT-19 Pin 9
	Blue	On-Air Detect	KCT-19 Pin 15
	Green	PTT Out	KCT-19 Pin 8
	Red	Switched B+	KCT-19 Pin 7
	Yellow	Rx Audio In	KCT-19 Pin 4
	Violet	COR	KCT-19 Pin 13
	Brown	Audio Mute Out	N/C
(Optional)	Grey	Mic Mute	KCT-19 Pin 5

2012/Merlin J1 [Out] TX audio level

Jumpers: J2 [Out] PTT loop back

2016 J1 [Out] PTT loop back

Jumpers: J2 [Out] TX audio level

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

Additional Modifications (2012/2016/Merlin): None

Additional Modifications (Radio):

1. Solder the 2 anodes of D205 together to route the MCOR signal out to KCT-19 pin 13