

Application Note

AN #: 519A

DATE: 18-Jan-02

Page 1 of 1

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

RADIO MODEL: S.E.A. ESP504/520

ENGINEER: C. Carbajal

APPROVAL INITIALS

ENGINEER

DEPT. HEAD

Connections:	Pyramid	Function	Radio
	Black/Shield	Ground	Chassis Ground
	White	Tx Audio Out	TP 102 (Personality PCB)
	Blue	On Air Detect	U3 Out (TX 9V RF PA PCB)
	Green	PTT Out	JU 4-A (Personality PCB)
	Red	Switched B+	U10 Input (SW A+ Personality PCB)
	Yellow	Rx Audio In	TP 108 (Personality PCB)
	Violet	COR	U102 pin 10 (Personality PCB)
	Brown	Audio Mute	N/C
	Grey	Mic Mute	N/C

2012/Merlin Jumpers: J1 [In] TX audio level
J2 [Out] PTT loop back

2016 Jumpers: J1 [Out] PTT loop back
J2 [In] TX audio level

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

Additional Modifications (2012/2016/Merlin): None

Additional Modifications (Radio):

1. Secure the interface cable to P1 using a nylon wire tie and notch the cover with a ¼" round file.

Revision Number

Date

Approval Initials