



**NOTES:**

1. All wire must conform to MIL-22759 or 27500. Minimum 24 gage shielded wire.
2. Use 2- and 3-conductor with shield as indicated.
3. Use insulating washers on all jacks.
4. Connect shields at unit end only.
5. Music input is monaural. To connect stereo, tie left and right channels together.
6. See Section 2.4.7 for details on tandem Volume controls. A 10K pot is recommended (not supplied). Connect shield to same pin as pass mic (P1, pin 3)
7. Install Momentary N.O. switch for playback on part number 11941 units only (with recorder).
8. Switching P2, Pin 5 to ground prevents radio and intercom from muting the music.
9. If a Push-to-talk intercom operation is desired Connect pins 16, 4, 17, and 3. This is only recommended in extremely high noise conditions.
10. In 28VDC aircraft, install a 15 Ohm, 15 Watt (701-015-1501) dropping resistor to reduce heat generated by the speaker amplifier.

<b>ENGINEERING INCORPORATED</b>	
1200 MARTEL ROAD, LEBANON, OHIO 45031	
TITLE: PMA4000 Interconnect	
REV: 120-040-0001	REV: 1
DATE: 08/23/99	SHEET 1 of 1
ECO:	