

TMC SPECIFICATION

NO. S 8001

REV: \emptyset

COMPILED: *RDT*

CHECKED: *11-14-69*

APPD: *LMC*

SHEET OF

TITLE: KIT-362 for SPT-3K VHF

11/14/69

ATTENUATION PAD

FOR

AJP-7

TMC SPECIFICATION

NO. S 8001

REV: 0

COMPILED:

CHECKED:

APPD:

SHEET

1

OF 3

TITLE: ATTENUATION PAD FOR AJP-7

KIT 362

PURPOSE:

To prevent Proc. Amp distortion in the SPT-3KVHF by dropping the incoming signal approximately 20DB. This will allow greater linearity control of R-1 in the Proc. Amp.

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SYSTEM EFFECTED:

AJP-7 in Unit 11

TOOLS REQUIRED:

Phillips Screw Driver

Soldering Iron

Needle Nose Pliers

PRINTS REQUIRED:

CK8013

TMC SPECIFICATION

NO. S 8001

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SHEET

2

OF

3

TITLE:

1. Remove the AJP-7 from Rack 11 by disconnecting the Connectors P1127, P1128, P1129, P1130, P1131, on the rear of the unit. Remove the 4 mount screws from the front of the AJP.
2. Remove the top cover of the AJP by removing the Phillip head screws.
3. With the soldering iron, remove cables marked 17-19-21-23 from PC Board 8001 (12 connections).
4. Connect leads marked A-B-C-D on the new PC Board A 8107 to the posts unsoldered in Step 3, above.
5. Connect cables marked 17 to E, 19 to F, 21 to G, 23 to H on PC Board A 8107.
6. Remove the 4 mount screws that secure PC Board 8001 to the Stand Offs. Discard the screws.
7. Place the Stand Offs supplied in the Kit over the screw holes on PC 8001.
8. Place the new PC Board A 8107 so that the mount holes align with the Stand Offs.
9. Place the new screws provided, thru the holes and tighten. Do N t Overtorque.
10. Take the ohmmeter, connect one lead to J 1127 PIN A. The other ohmmeter lead to J 1128, PIN A on the rear of the unit. Check for continuity.
11. Remove the ohmmeter lead connected to J 1128 PIN A and place to chassis, check for shorts.

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SHEET 3 OF 3

TITLE:

12. Remove the ohmmeter lead from J 1127 PIN A and place on J 1127 PIN C. Check for shorts.
13. Remove the ohmmeter lead from the chassis and place on PIN C J 1128, check for continuity.
14. Remove both ohmmeter leads and connect one lead to J 1128 PIN B, the other lead to J 1127 PIN B, check for continuity.
15. Repeat steps 10 thru 14 for HJK, PRS, WXY using CK8013.
16. When the above steps are complete, install the top cover.
17. Install the AJP in Rack 11 by reversing step #1.

Kit Contents:

1 PC Board A 8107
4 Phillip Head Screws
4 Stand Offs
1 CK8013

