

Service Tips Fault Indication

Created by: Lab.gruppen AB Service Department
Reference no: Fault indication

Affected models

Following models are affected by this technical service tips:

C:16, C:28, C:48, C:68 & C:88.

FP 4000, FP 6000Q, FP 7000, FP 9000, FP 10000Q, FP 13000 & FP 14000.

Affected boards/modules

A25TD, A50TD, A70TD, AICO.

Symptom

The Temp, VHF, Mute diodes on the front panel indicates FAULT on that channel.

Solution

There could be more than one reason for this so check:

1. Fuses on A25TD/A50TD/A70TD.
2. If fuse are open check:
 - Q1-Q10, D1-D2, R48 and R53 on A25TD.
 - Q1-Q17, Q39-Q42, D34, D37, R19 and R51 on A50TD and A70TD
3. If all these components are okay and it still indicates fault at front.
4. Check R50, R51 and R60 on A25TD.
 - Check R110, R111 and R112 on A50TD and A70TD.
5. If these are okay and it still indicates fault at front.
6. Check Q1,Q2, Q3, R16, R22 and R23 (channel A), Q101,Q102, Q103, R116, R122 and R123 (channel B), Q201,Q202, Q203, R216, R222 and R223 (channel C), Q301,Q302, Q303, R316, R322 and R323 (channel D) on AICO.
7. If one of the transistors is broken, replace also the resistors on that channel.