

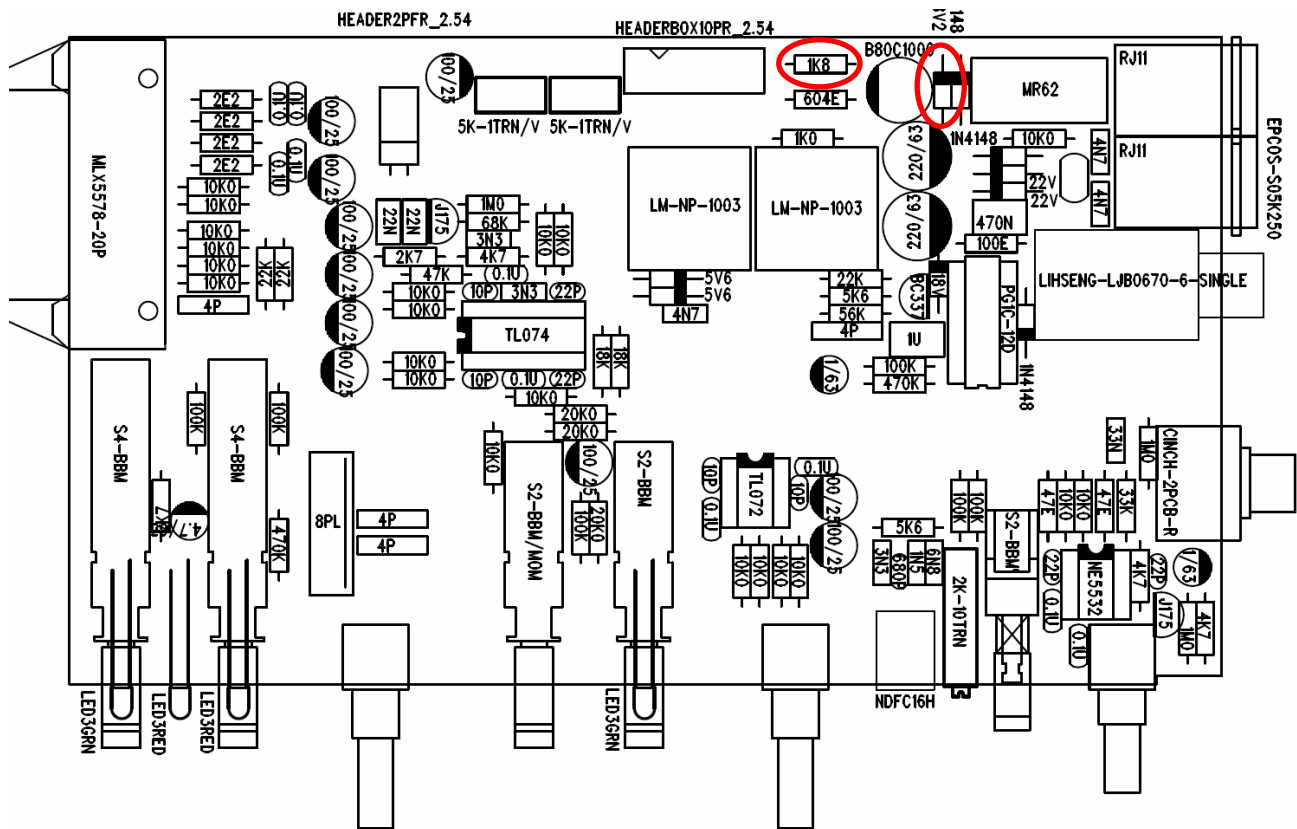
Production: **Airmate-Telco**

Modification to correct for varying coil voltage to relay RL2.

1. Replace the following components during assembly of the PCB.

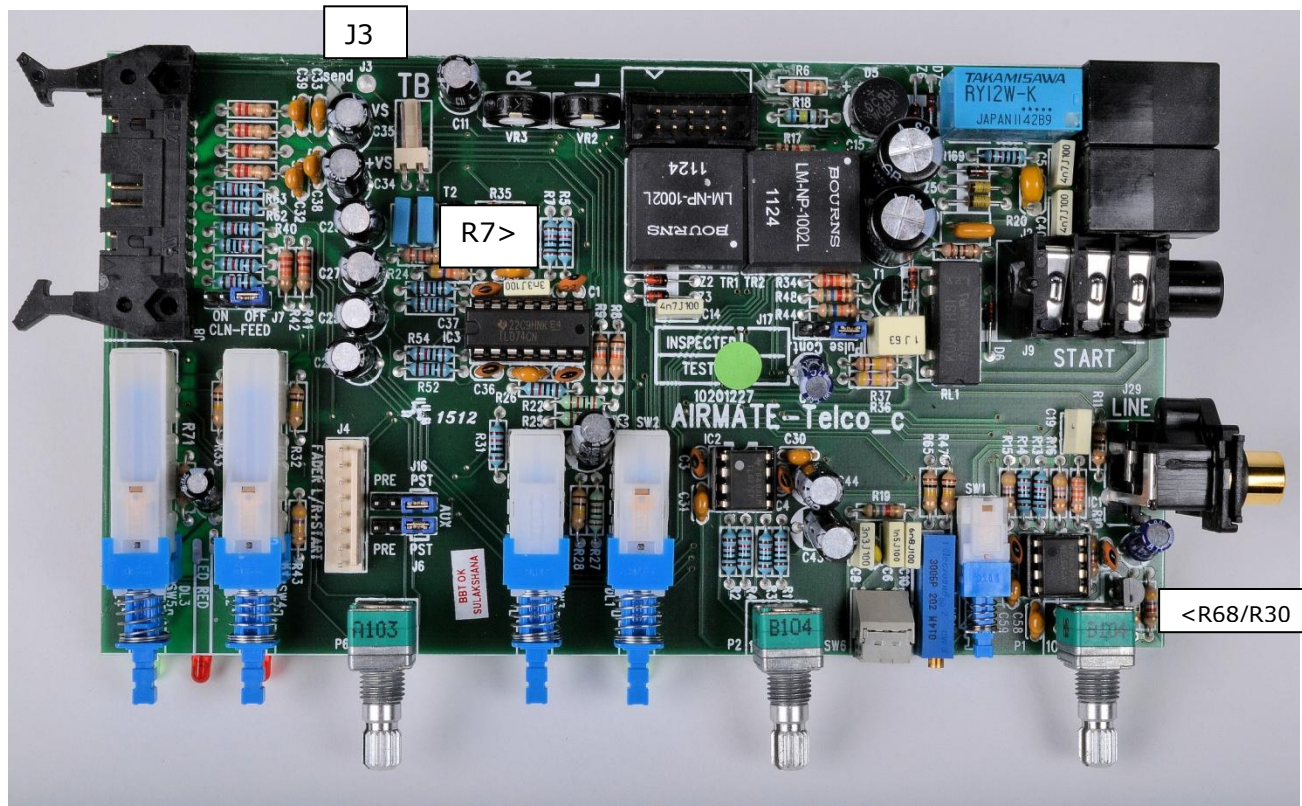
Part	Old Part	Old Part Number	New Part	New Part number
R6	1K8	10350732	1K5	10350731
Z6	8V2 Zener	10250352	9V1 Zener	10250373

The components are marked with a red circled



Production: **Airmate-USB TELCO MODULE**

Adjustment of Mix-Minus trimmers by end user/engineer in Airmate-USB Telco channel



Enduser on location

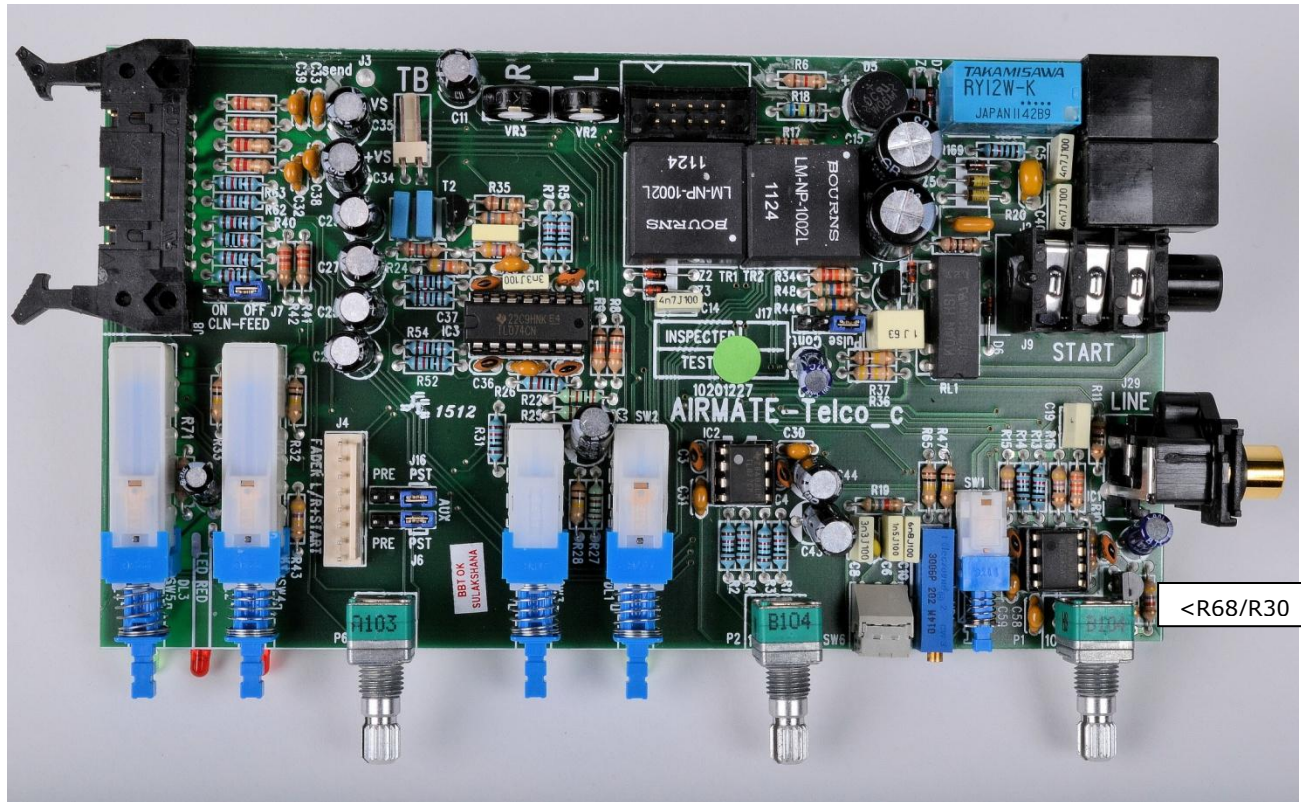
1. Connect a signal (Music or 1kHz tone) to the line input of the TELCO module.
(no other signal anywhere else in the mixer should be fed to the mixer)
2. Select the Line input in the Telco module.
3. Now call the station with your mobile phone.
4. Pick up your own call on the mixer.
5. Listen to your mobile phone and you will hear the signal from the line in of the Telco module pretty low (hopefully)
6. Adjust trimmer VR2 (L) to a minimal heard signal in your mobile phone and do the same with trimmer VR3(R)

Engineer

1. Connect 1kHz L/R on line-in of the Telco line in module.
2. Put an oscilloscope on test point J3
3. Adjust VR2/3 for minimal signal

Production: **Airmate-USB TELCO MODULE**

Improvement of gain range for incoming Phone calls in Airmate-USB Telco channel



Improvement of gain range of Telco send potentiometer.

1. Replace R68 (1M) by 10K
2. Replace R30 (4K7) by 10K

Production: **Airmate-USB/Triple input module/Telco module**

Mixer: Airmate USB

Modules involved: Airmate1e
Airmate1usb_c
Airmate1telco_c

Problem: The fader start gives a secondary pulse when the fader start is activated while the on/off button is in off position.

Cause: C47 (TIM/USB) And C9 (Telco module) isn't discharged quick enough.

Background: C47 is placed to reduce the on/off click.

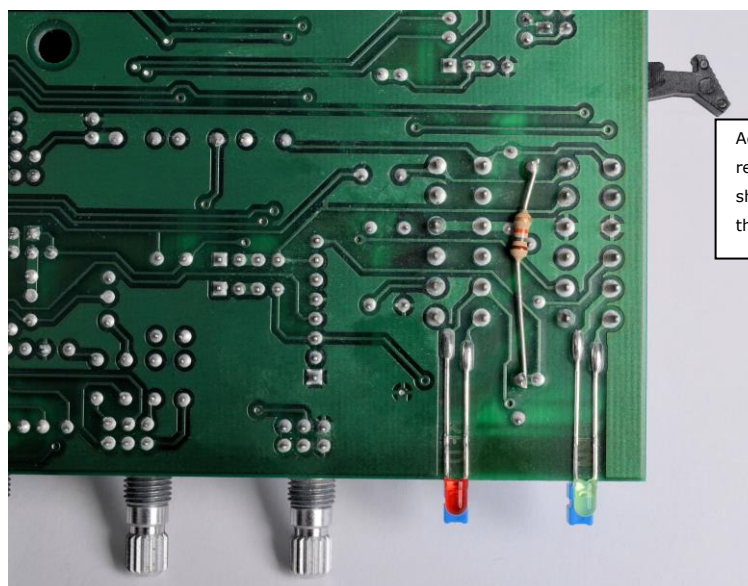
Solution: Place a 18K resistor from the negative side of C47 to -VS1 to discharge the capacitor quick enough.
Also change R60 from 390K to 220K to make sure that the MIC on/Self op transistor is turned on properly.

Changes in the BOM:

Airmate1e: R60 390K -> 220K
Airmate1usb_c: R60 390K -> 220K
Airmate1telco_c: none

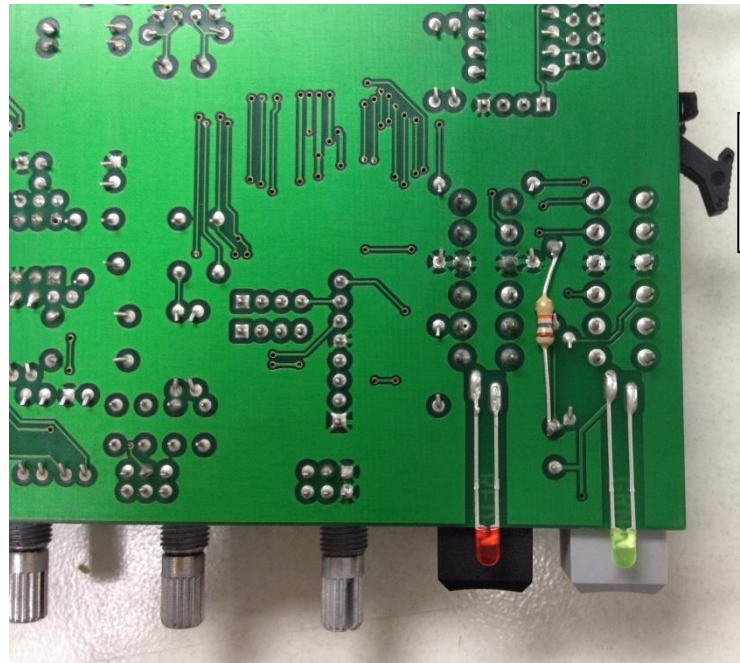
Modification for production:

Airmate1e: Add a 18K resistor as shown



Production: **Airmate-USB/Triple input module/Telco module**

Airmate1usb_c: Add a 18K resistor as shown



Airmate1telco_c: Add a 18K resistor as shown

