ALIGNMENT OF N-1 (MixMinus)

NOTE: This alignment has already taken place at the factory, however if you later on extend the AIRLAB with another TELCO module you need to follow the next steps for a correct alignment of the N-1 signal for every new installed TELCO module.

1. Power down the AIRLAB.
2. Connect the TELCO module to its flatcable connectors and lay down the module horizontally on

    the surface of the other modules. Put an isolating material between the TELCO module and the surface of the other modules to avoid damage and shorts.
    Now locate trimmer VR2 (close to switch "LINE")
3. Activate the 'LINE IN' switch on the TELCO module.

4. Connect an audio source to the LINE IN connector, this can be music or a signal generator.

5. Connect a headphone or power amp to the TELCO SEND CINCH + connector.

6. Check again if there's no short between PCB of the TELCO module and the surface it's put on.
7. Power up the AIRLAB.
8. Move the fader to the 0 dB position. Press the ON switch. Press the PROGRAM switch.
9. CHECK if the CRM outputs this LINE IN signal (No CRM select switches are active) to be
    sure that you have correctly connected and routed your source.
10. Now adjust the trimmer VR2 to a position where a minimum of signal is heard out of the TELCO OUT Cinch + connector.

ADJUSTMENT OF SIDETONE OR R/C BALANCE

The R/C is a onetime only adjustment. Only in those situations where the TELCO module is connected to another telephone line a repeated adjustment could be necessary.
NOTE: The R/C balance trimming can only be performed after you have correctly followed the N-1 alignment procedure.

1. Power down the AIRLAB.

2. Connect the TELCO module to the right connectors and horizontally lay down the module on the surface of the other modules. Put an isolating material between the TELCO module and the surface of the other modules to avoid damage and shorts.

3. Connect an audio source to one of the modules and activate the **SUB switch only!!**

4. Connect the telephone system to the TELCO module's WALL connector.

5. Connect a Phone appliance to the "TO PHONE" connector.

6. Check if there is no short between PCB of the TELCO module and the surface it is put on.

7. Power up the AIRLAB.

8. Now dial on the connected Phone appliance a number outside the building.