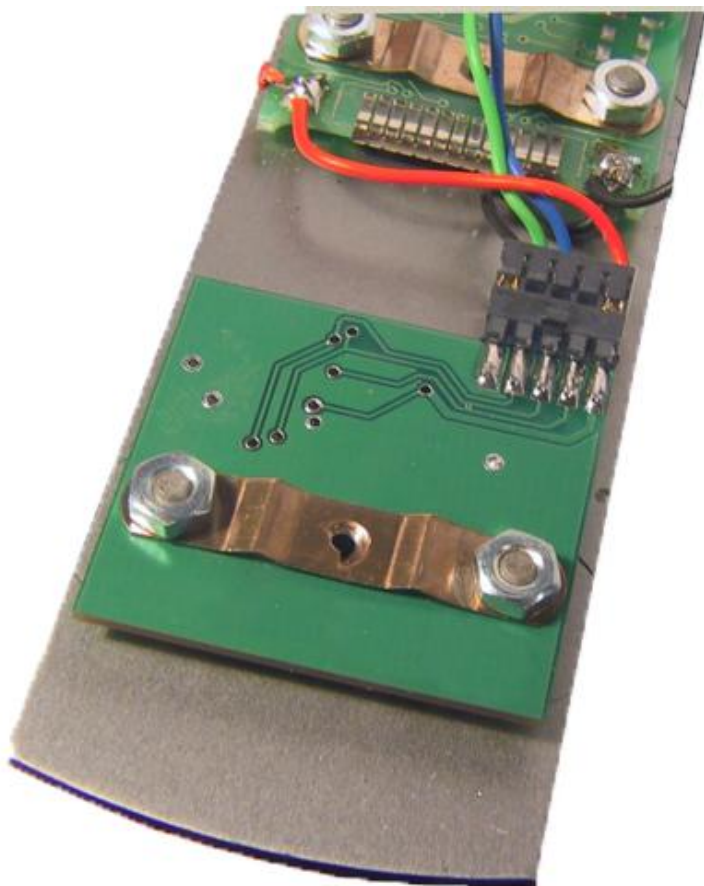


B O S S C O M

Converter Installation Manual

BOSSCOM
Converter for Bi1





B O S S C O M

Note!

BOSSCOM offers a two year full warranty on the BOSSCOM converter module.

This warranty does not include damages on the Beo4 caused by faulty installation or otherwise.

Installation of a BOSSCOM converter might interfere with the original warranty on the Beo4 in which the converter is installed.

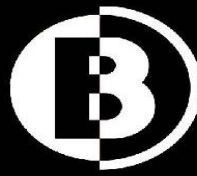
Once a BOSSCOM BI1 converter has been installed in a Beo4, one or more third party devices can be controlled using the modified Beo4.

Control of all Bang & Olufsen devices is still possible after the modification of the Beo4.

Different Versions of the Beo4

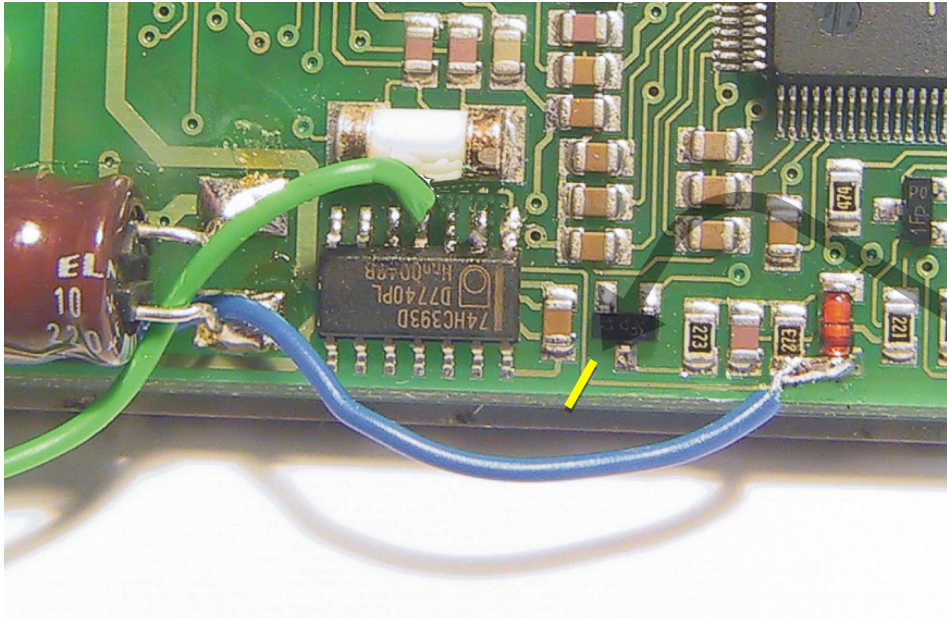
Through the years Beo4 has been delivered with different versions of the Bi1. This BI1 converter fits them all, including the most recent Beo4 Navi.

Solder the wires as shown on below pictures, selecting the one with a Bi1 identical to yours.



B O S S C O M

Do not forget to cut the circuit at the yellow line!

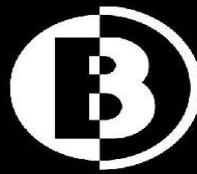


**CUT THE
TRACK!!**

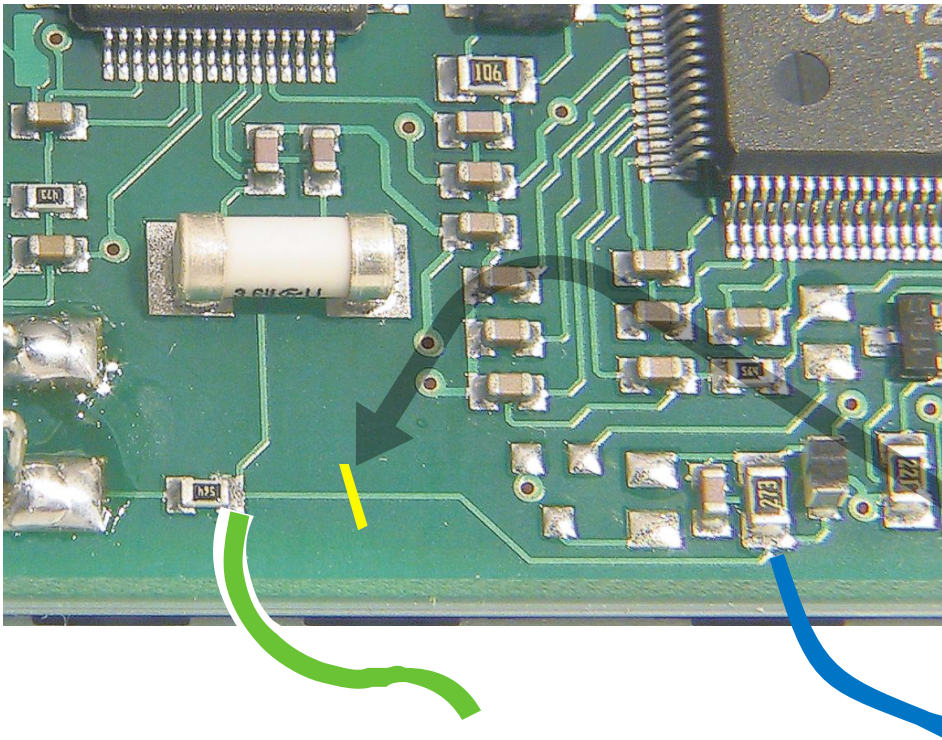
Green wire is to be soldered on pin 4 of 74HC393.

Blue wire is to be soldered on the cathode of the diode in parallel with the 27K resistor.

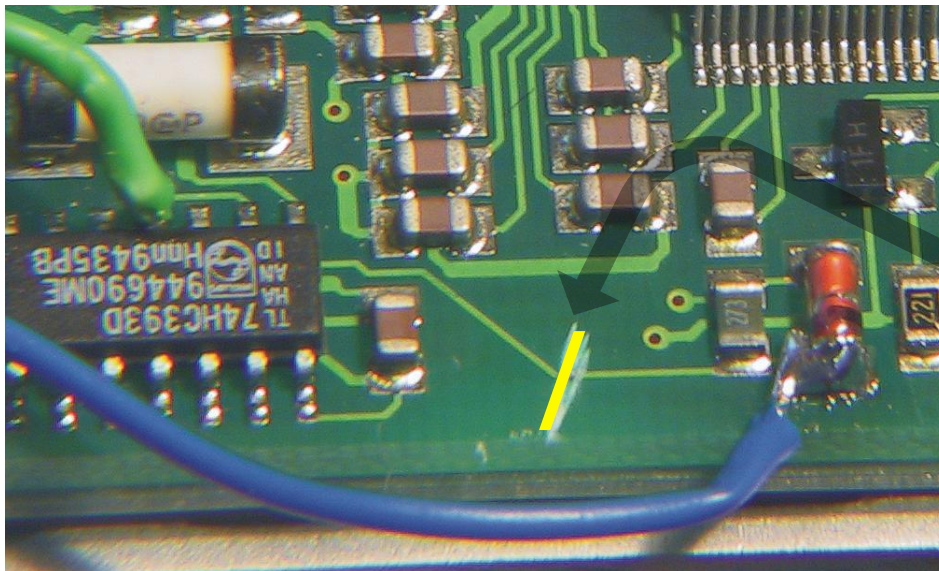
Finally cut the circuit that connects the cathode with 74HC393.



B O S S C O M



CUT THE TRACK!!

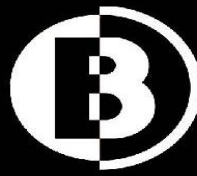


CUT THE TRACK!!

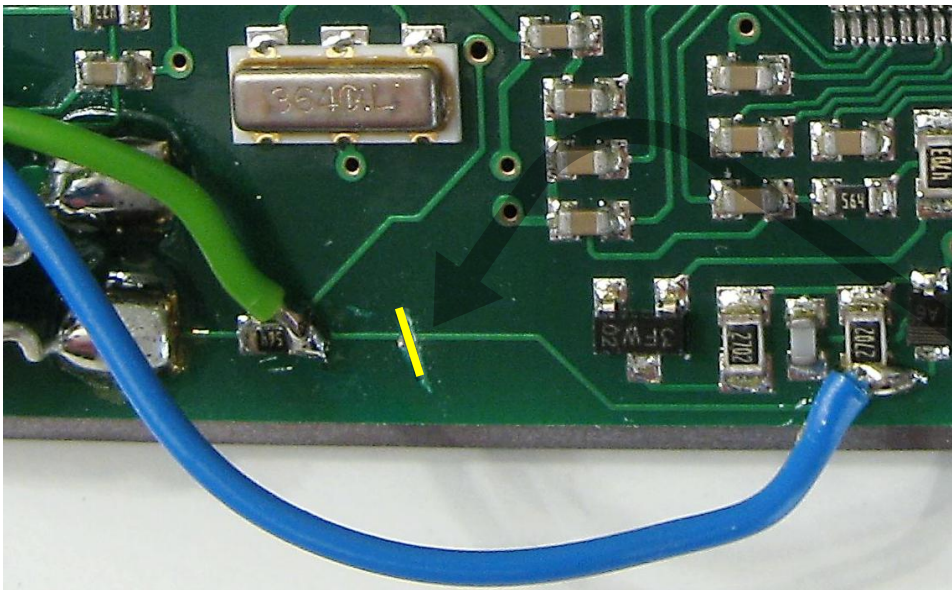
Green wire is to be soldered on pin 4 of 74HC393.

Blue wire is to be soldered on the cathode of the diode in parallel with the 27K resistor.

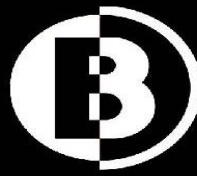
Finally cut the circuit that connects the cathode with 74HC393.



BOSSCOM

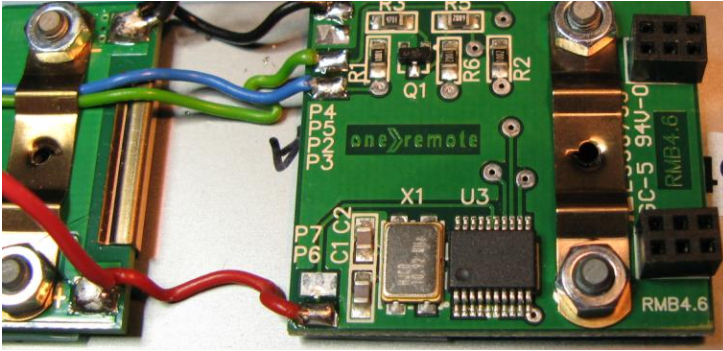


CUT THE
TRACK!!

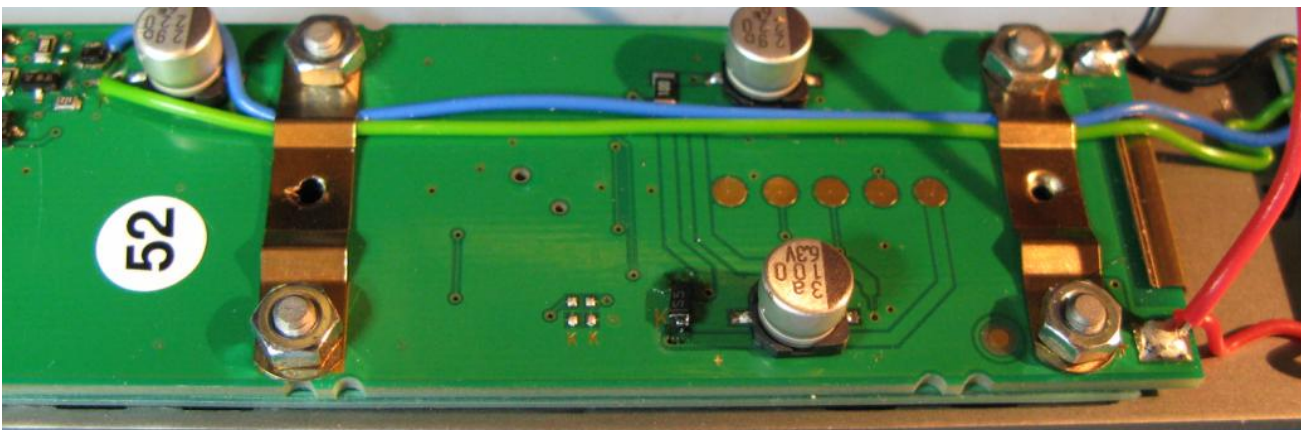


B O S S C O M

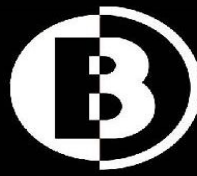
Black and red wires



Black and red wires must be soldered in parallel with the red and black wires leading to the battery case.



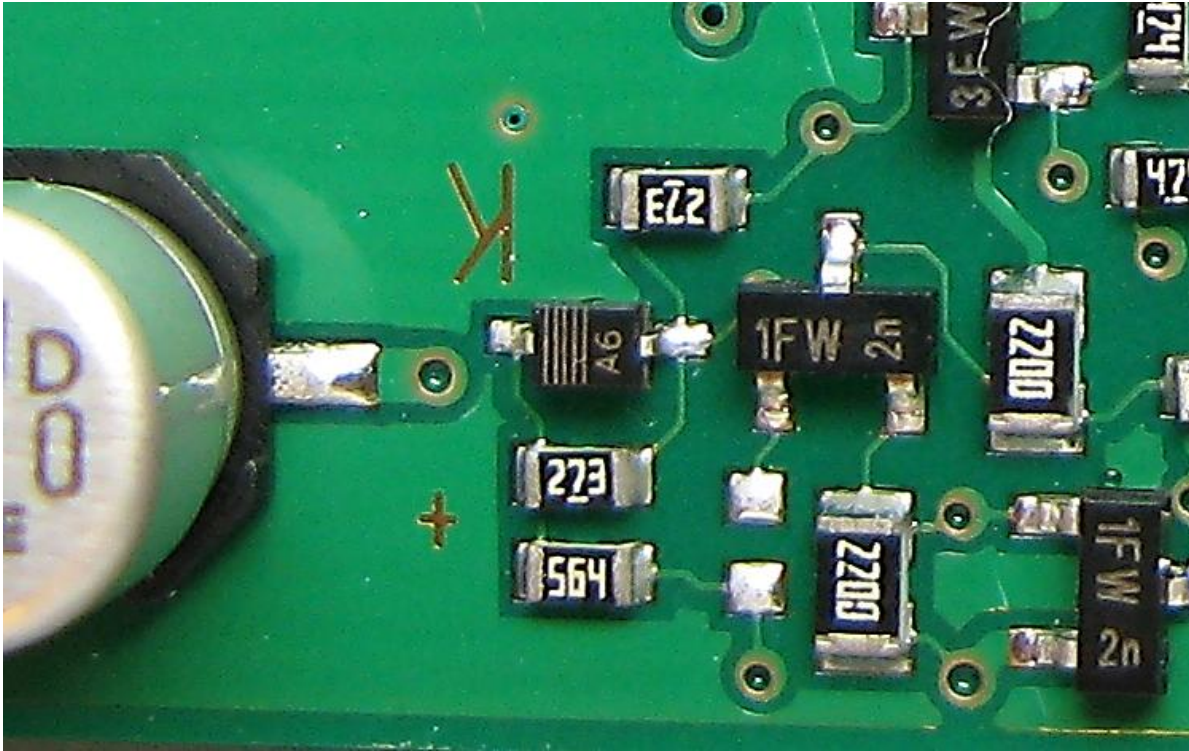
Blue and green wires should be firmly attached to ease the assembling of the Beo4.



BOSSCOM

Beo4 version 2013

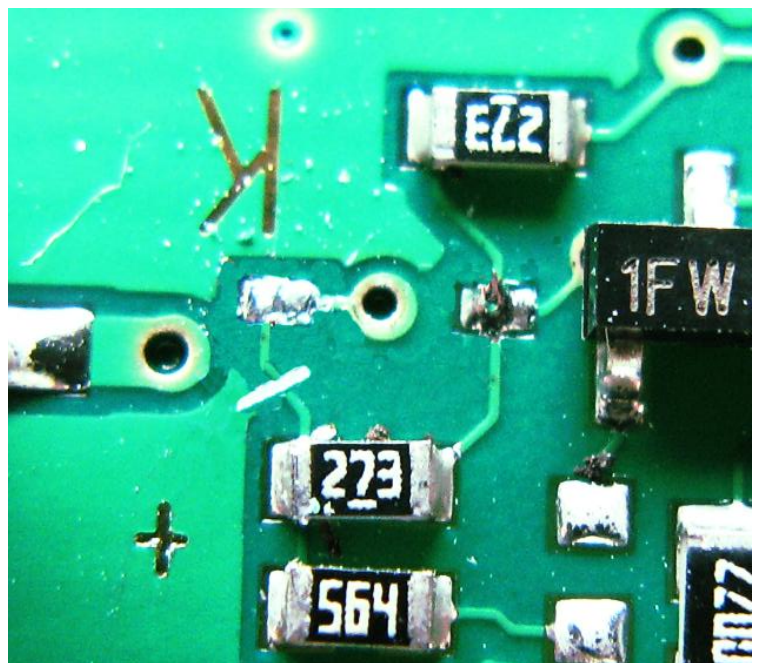
With the latest Beo4 Bi1 layout it requires extra soldering skills to install a BI1 converter, as the SMD components are extra small.



Solder out the diode marked A6 and solder in on top of the 27K resistor, just below. Take care not to rotate the diode.

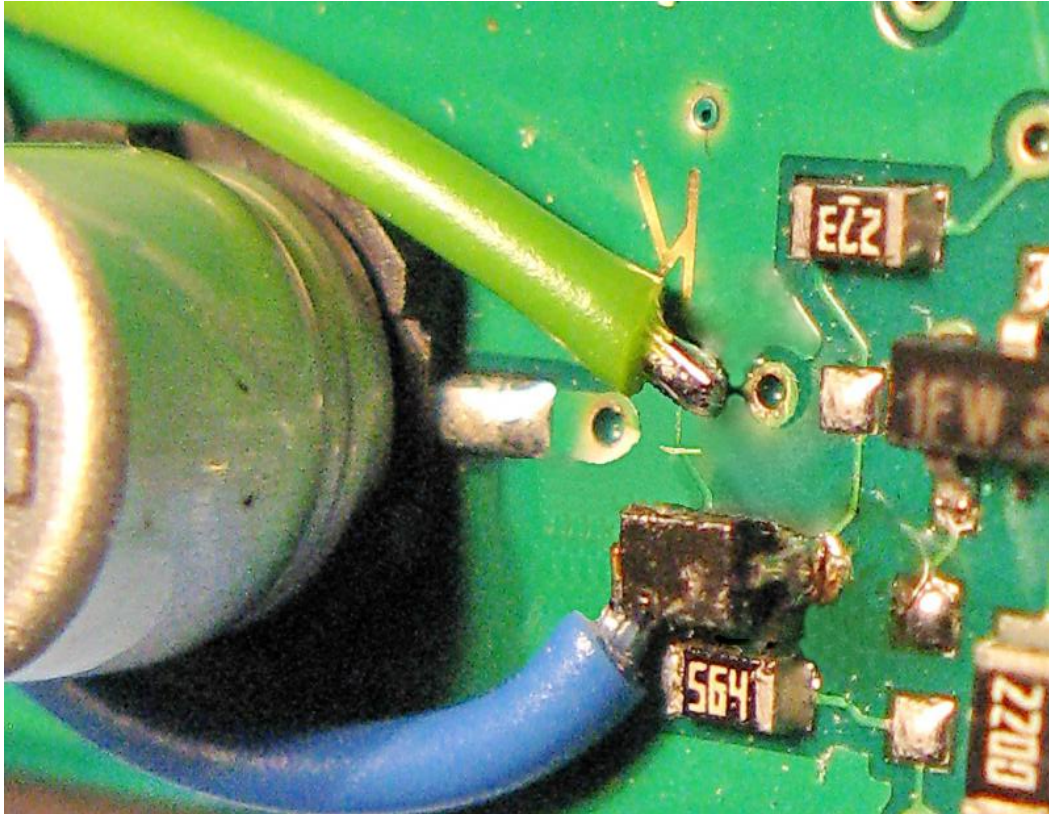
When the diode is removed, cut the track as shown in the picture, leading from the pad marked 'K' to the 27K resistor.

Test with an ohmmeter!





B O S S C O M



Solder the blue wire on the diode that is now placed on TOP of and soldered to the 27K resistor.

Solder the green wire on the empty pad where the diode was placed, before it was moved to the top of the 27K resistor.