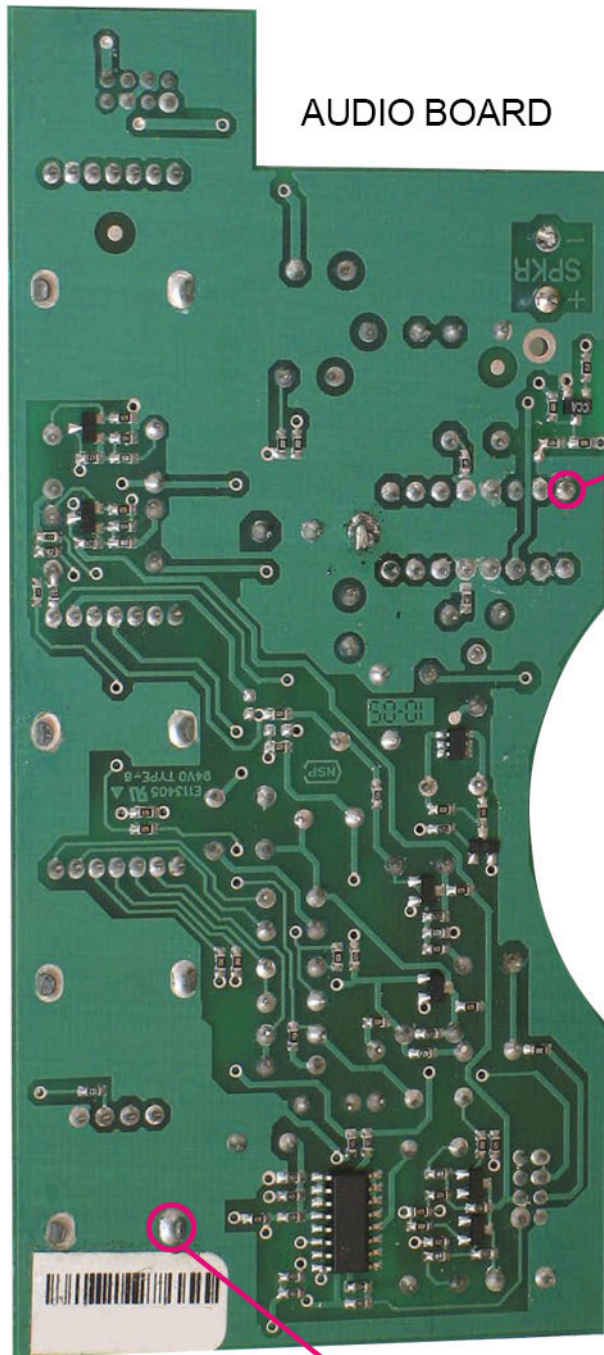
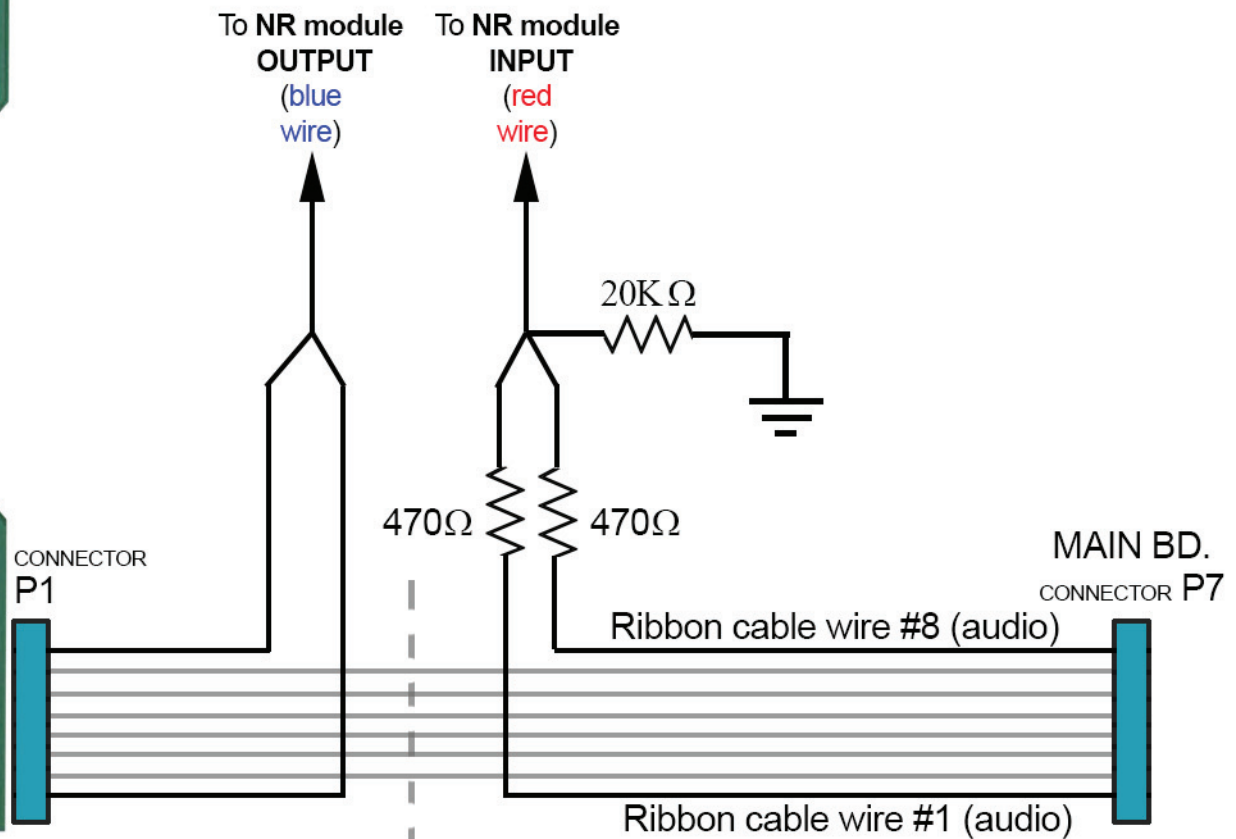


BHI Ltd. Noise Reduction Module (NEDSP-1061KBD) Connection to E1XM Audio Board



AUDIO BOARD

Connect BHI Ltd. NR module's **DC power** wire here (power amp U1, pin #8)



NR module's **GROUND** wires can connect here

Cut wires 1 & 8 (ONLY), add resistors, and route to I/O cable

LED & Control Keyboard

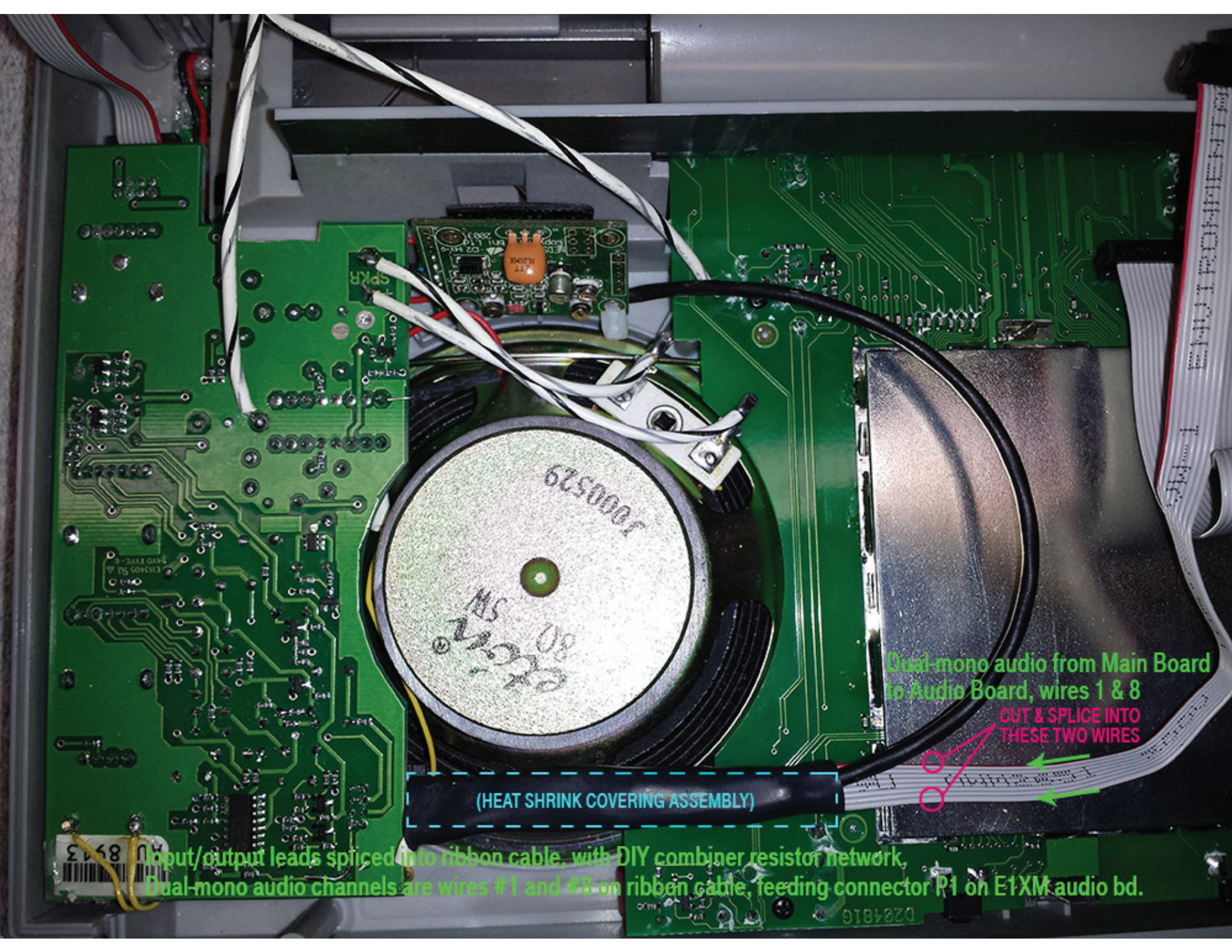
BHI Ltd. NEDSP-1061-KBD NR module

Shielded input/output cable spliced into E1XM's dual-mono, low level audio through DIY combiner* circuit. NR module output feeds a Y-split back to the dual-mono inputs of the main power amplifier.

Cable to keyboard, beneath E1XM audio bd.

NR power 9 VDC (from Audio Amp U1, pin #8)

* See Figure #2:
<http://www.rane.com/note109.html>



(HEAT SHRINK COVERING ASSEMBLY)

Dual-mono audio from Main Board
to Audio Board, wires 1 & 8

CUT & SPLICE INTO
THESE TWO WIRES

Input/output leads spliced into ribbon cable, with DIY combiner resistor network.
Dual-mono audio channels are wires #1 and #8 on ribbon cable, feeding connector P1 on E1XM audio bd.

VOLUME

bhi

DSP

NEDSP1061

Good example of noise reduction with the module in this YouTube video (installed in Yaesu FT-817ND):

<http://www.youtube.com/watch?v=VapLGif4qO4>

etc