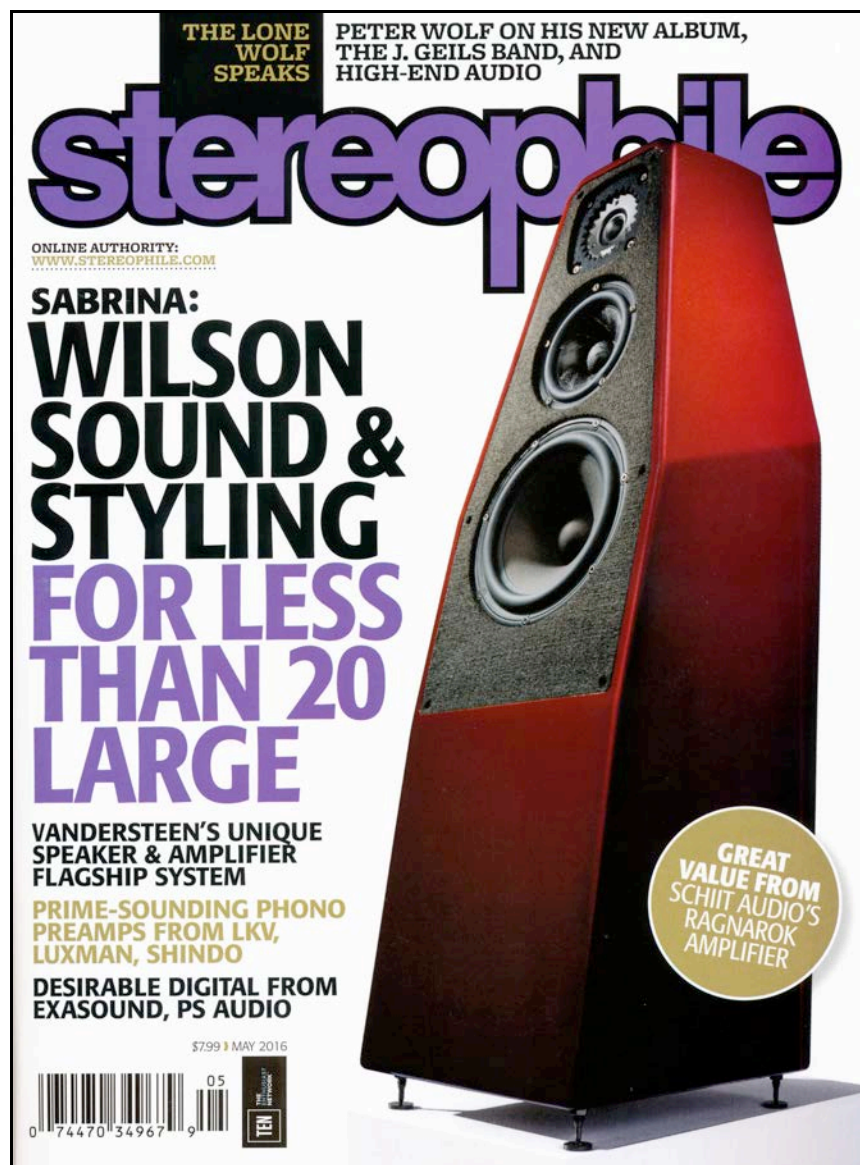




Art Dudley of **Stereophile** reviewed our **AV Options Ultimate NAIT 2** in his Listening column #161 in the May 2016 issue:



*(Click cover image to read full review)*

# Naim Audio NAIT2 (Chrome Bumper & Olive versions) integrated amp

## AV Options Rebuild Service (inc. MM phono stage)

### Parts List

|    |  |
|----|--|
| 4  | Rubber foot w/screw                          |
| 1  | Volume Potentiometer (50K $\Omega$ )         |
| 2  | 4mm PCB mount socket, red                    |
| 2  | 4mm PCB mount socket, black                  |
| 1  | T2A Fuse                                     |
| 4  | R22 Wirewound Resistor                       |
| 2  | 12R Wirewound Resistor                       |
| 14 | 10 $\mu$ F 35V tantalum bead capacitor       |
| 2  | 47 $\mu$ F tantalum bead capacitor           |
| 2  | 10,000 $\mu$ F /40V reservoir capacitors     |
| 1  | 3300 $\mu$ F /25V reservoir capacitor        |
| 4  | 47 $\mu$ F / 35V Radial Capacitor            |
| 7  | Capacitor, Axial, Bipolar, CO31, 40V, 47uF   |
| 2  | $\mu$ 22 polypropylene cap for Zobel network |
| 2  | 1K $\Omega$ Trim Pot                         |
| 2  | Bias circuit transistor - ZTX384C            |
| 4  | BC239C Input transistor (matched pair)       |
| 2  | Driver transistor- PNP Med Power- ZTX652     |
| 2  | Driver transistor- NPN Med Power- ZTX752     |
| 4  | BD743A NPN output transistor                 |

- ALL 64 components are sourced from the Naim factory. Those highlighted in **green** are a higher grade than originally fitted.
- We do a thorough cosmetic cleaning and restoration as needed
- Completed rebuild is subjected to rigorous testing plus all necessary alignments.
- AV Options Certificate included.

- **Standard Rebuild Service for NAIT2:** **\$1,190**
- **With Neutrik PowerCon AC socket upgrade & TibiaPlus-PowerCon Deep-Cryo AC Cable:** **\$1,520**
- **Includes One Year Parts & Labor Service Warranty\***

*\*Normal use: We reserve the right to void our guarantee if we find modifications, or if the equipment has been used outside the limitations specified by Naim or AV Options.*

## AV Options Ultimate Upgrade for NAIT2

### AV Options Ultimate Upgrade package option for NAIT2 (requires Standard Rebuild Service)

- 10 Texas Components TX2575 'naked' Z Foil resistors with AVO Deep-Cryo (2) 47k for MM phono stage input loading and (8) used in the amp and preamp sections
- 2 WBT Nextgen RCA input jacks for phono (chassis mounted)
- 1 Neutrik PowerCon AC socket connector (chassis mounted)
- 1 TibiaPlus-PowerCon AC cable with AV Options Deep-Cryo

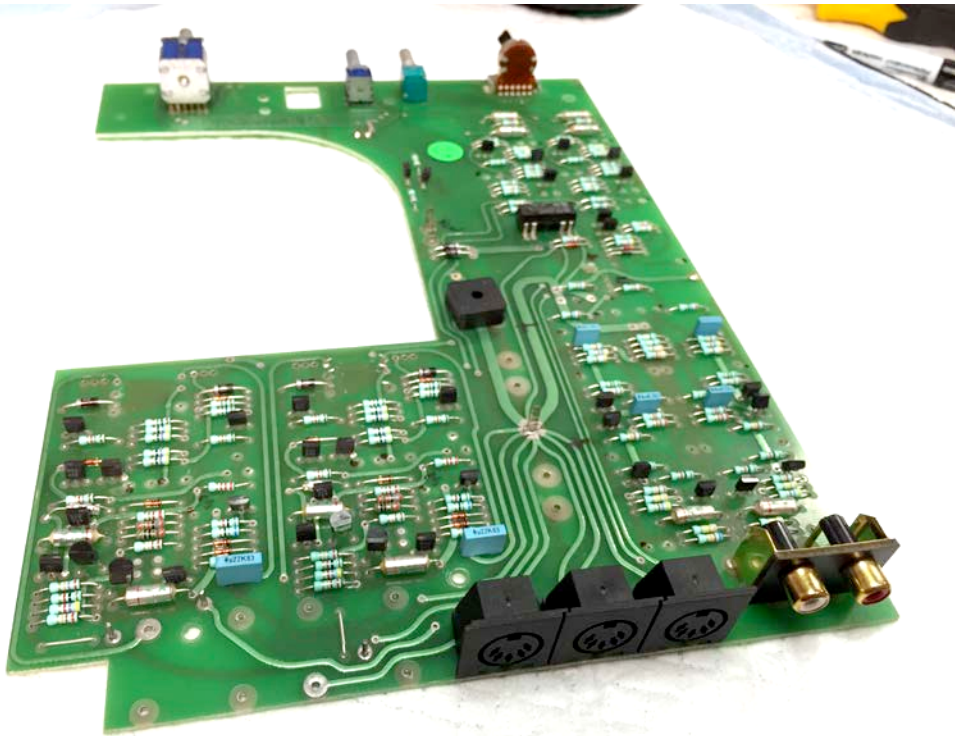
AVO Deep-Cryo (<http://www.avoptions.com/about/deep-cryo>) for the transformer and it's wiring loom, plus other select parts (PowerCon chassis connector, speaker sockets, WBT RCA sockets)

- Additional burn-in, bench testing & listening test time (5 days)
- Brand new Naim Factory carton-packing set is an optional upgrade at \$150 if no original carton, or if the original carton is in bad condition
- **AV Options Ultimate Upgrade for a NAIT2 that we have previously Serviced with our Standard Rebuild: \$995**
- **AV Options Ultimate Upgrade combined with our Standard Rebuild Service for NAIT2: \$2,190**
- **Includes Two Year Parts & Labor Service Warranty\***

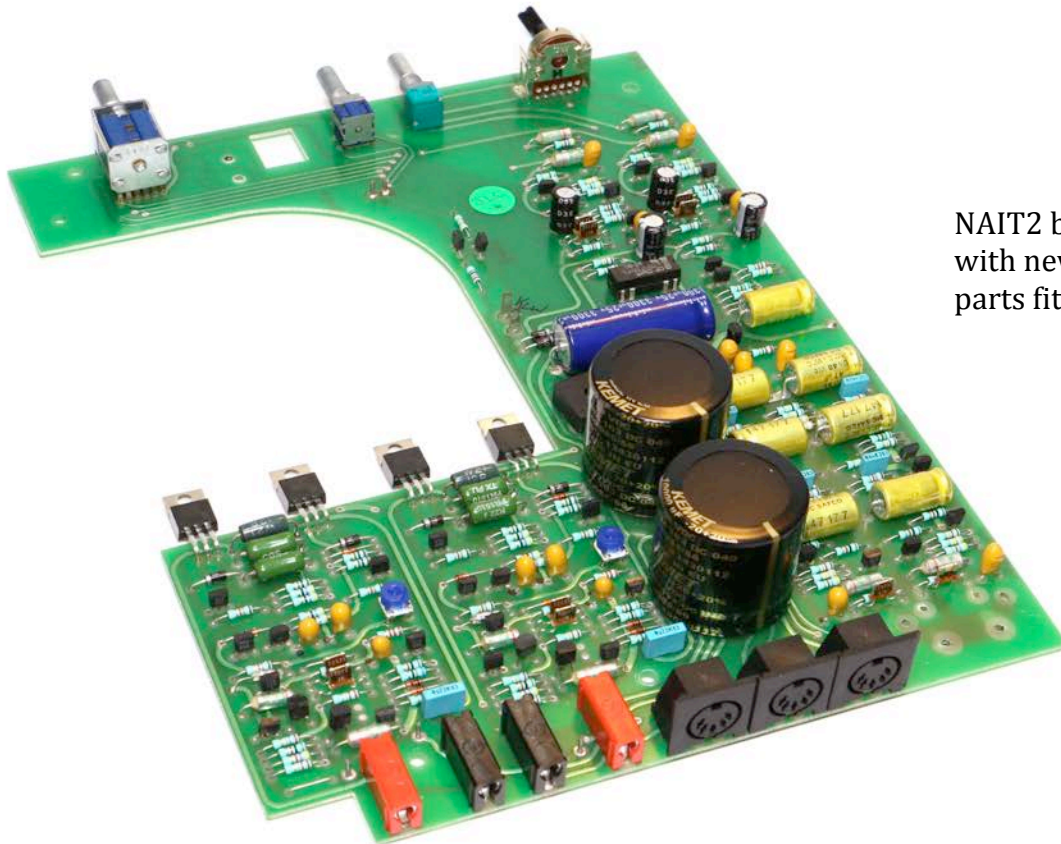
*\*Normal use: We reserve the right to void our guarantee if we find modifications, or if the equipment has been used outside the limitations specified by Naim or AV Options.*

### Recommended System Upgrades:

- AV Options SuperWiremold Power Strip + Hubbell wall outlet with AVO Deep-Cryo
- AV Options Twisted-56 or Naim NACA5 speaker cables with AVO Deep-Cryo



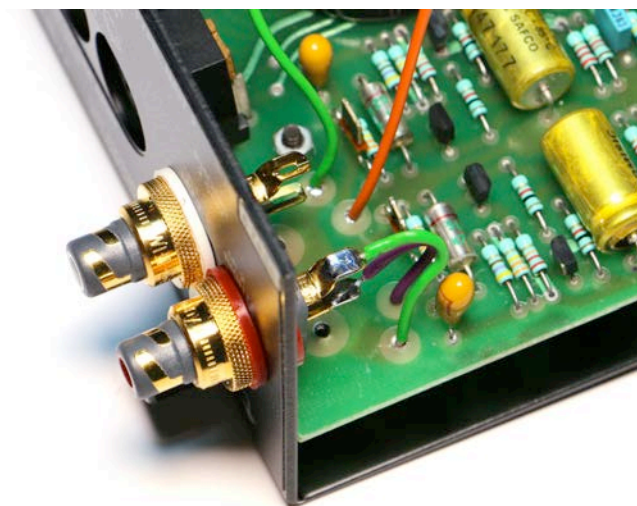
NAIT2 board at the stage where all parts have been removed that are going to be replaced.



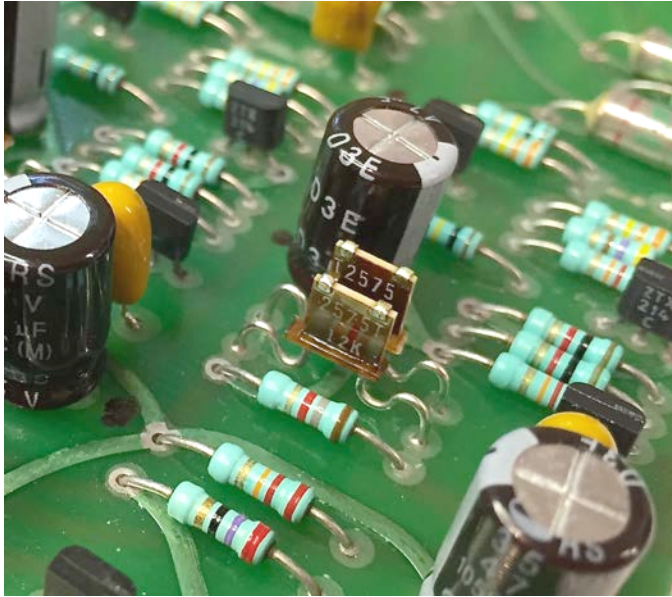
NAIT2 board with new parts fitted



Parts ready for reassembly in an AVO Ultimate Upgrade NAIT2 ... including rebuilt circuit board, Deep-Cryo'd transformer, PowerCon connector and WBT RCA sockets.



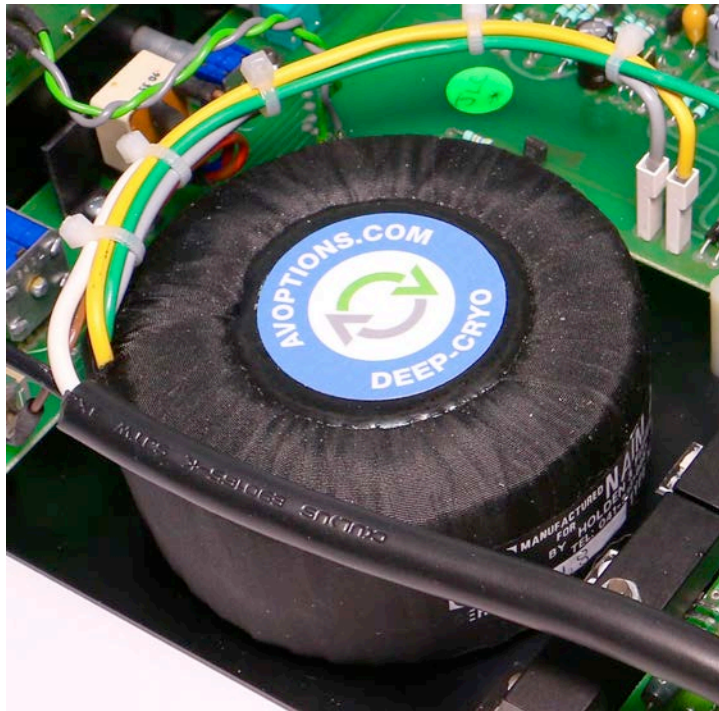
WBT Next Gen  
RCA sockets being  
wired into AVO  
Ultimate Upgrade  
NAIT2



Close-up of TX2575 Z-Foil resistors (2 out of 10 fitted with the AVO Ultimate Upgrade).



AVO Ultimate Upgraded NAIT2 – Completed Chassis



NAIT2 Holden & Fisher Transformer with AVO Deep-Cryo



Rear panel of AVO Ultimate upgraded Olive NAIT2



Front panel of Chrome-Bumper NAIT2 after restoration



Front panel of Olive NAIT2 after restoration





NAIT2 shown with TibiaPlus-PowerCon Deep-Cryo AC cable upgrade

## NAIT2 Specifications

### Input sensitivities :

|                                 |       |                           |
|---------------------------------|-------|---------------------------|
| Phono: (RCA jacks)              | 2.5mV | 47 K ohms                 |
| Aux, Tuner, and Tape (DIN)      | 75 mV | 47 K ohms                 |
| Tape output level and impedance | 75mV  | 1K ohm (source impedance) |

**Output power:** (banana output sockets) 18 Watts with both outputs loaded (8 ohms)

Note: low continuous power output is balanced by a very large peak current capacity, so there are no restrictions in the size or type of speakers that may be used (within reason with regards volume level)

### Speaker wires must be compatible:

For the amplifier to operate safely and within its limits for stability, the correct type and impedance speaker wires must be used with a minimum length of 3.5m

We recommend a minimum of 3.5m Naim NACA5 or AV Options Twisted-56 speaker wire.

### Controls:

Select switch (for input selection)

AC Power switch

Normal /Mute / Monitor Switch

Balance control

Volume control