

Restored / Upgraded units for Sale

This list changes continuously – check back frequently for updates

My Old-fashioned, Politically-Incorrect Ethics and Motivation

There are two types of approaches which I use when evaluating the types of work involved in extracting the highest quality of sound from a unit, and in the process making it more reliable than the original manufacturer intended.

1. A relatively new unit (less than about 10 years old).

Today's manufacturers unfortunately have only one driving motive, to maximize profit. Quality and reliability are inferior considerations. Their slick marketing campaigns may give the impression that quality is important, however any technician worth his salt will discover immediately upon examining the interior, that this is stretching the imagination by a long shot.

So, even if the design of the appliance is exceptionally innovative, the designers' motives will have been strangled by the accountants, resulting in many of the internal electronic components being sourced from second-rate manufacturers who happen to be in the Far East.

That's a fact, and there's nothing the average naïve consumer can do about that.

Correct, the manufacturer offers a 1 or 2 year warranty (built into the price is a mathematical formula that the manufacturer will lose money on n% of defective units), and after that the customer is on his own. The manufacturer hopes that the customer will come back and buy the current latest model from him again.

Fact – it is not profitable for today's manufacturer to build long-lasting, reliable products. He needs many appliances sold, and often, to stay in business, in this cut-throat world of today, where ethics are frowned upon, as ancient relics of an extinct, honest world.

What I do – if this is a well-designed unit, from a reputable (and even that's a dicey term to use today) manufacturer - I gut the entire unit, and rebuild it from scratch. Now, I don't even consider who the original parts manufacturers were, because I know from experience that they were not selected because of their quality, but rather their low price.

There still are trustworthy reliable quality parts manufacturers today (although they are certainly in the minority), and it is from these companies whom I source the components to rebuild the unit.

2. A vintage unit (older than 15-20 years).

This age (1970's to early 1990's) was the golden age of real, highest of high-fidelity, when the manufacturers were falling over each other to build the most-powerful, most-reliable, best-sounding units, and damn the cost.

These were what I call "**ethically-built**" units. It is a concept no longer alive in the minds of modern audio manufacturers.

They all used the highest-quality components which were available at the time, and they lasted 30+ years, in working condition.

However, most of their life-limited components have long-since failed, rendering them non-operational, or if still "operational", then barely sounding acceptable.

Here, I gut these completely, and once again, install the highest-quality components available, regardless of price, in these units. Meticulous and exact attention is paid to the choice of these components, as to whether they will be installed in the power, audio, or RF signal circuits. Each of these circuits has differing and special requirements, and one size DOES NOT fit all!

And it shows. Properly restored, the vintage units outclass, from every imaginable perspective, their modern equivalents which may cost 10 to 20 times the price of the restored vintage unit.

Example - a restored McIntosh receiver costing \$5,000 will outclass its modern equivalent costing over \$50,000. And it doesn't matter whether it is Pioneer, Onkyo, Denon, Yamaha, or B&O - the listener's ears will tell him very quickly which is better.

Ethics Summary

In short, you are purchasing an "**ethically-restored**" unit, which I firmly believe will outclass, firstly, any other example of its type you may find anywhere in any condition (restored or otherwise), and secondly, far outclass any example of a new stereo unit (from any manufacturer whatsoever), of the same price today.

You can also expect trouble-free operation from the electronic circuits for at least 10-20 years, before minor adjustments should be made. Mechanical components such as rubber belts (if installed) should be replaced as required.

It goes without saying that the audio performance on each of these units is exceptional.

Professionally Ethically-Restored Units – what is done

All units are in near-perfect cosmetic condition, if not in actually perfect condition. There are no scratches on any kind, or any marks which may detract from a completely pleasing visual experience, other than described.

All units have been thoroughly cleaned with the appropriate professional materials, and detailed to new condition.

All component manufacturers are not recently-born cheap Chinese 2nd-rate doubtful-quality, but well-established and reliable Japanese, German and American manufacturers, with track records of the highest-quality proven over decades.

All life-limited mechanical components have been replaced with units of better-than-original specifications - examples: Rubber belts, Carbon potentiometers upgraded to Cermet potentiometers.

All passive components have been upgraded to long life components - examples: All 85°C capacitors have been upgraded to 105°C Low-ESR or Audio-Grade capacitors; Carbon resistors to Metal-film resistors where appropriate.

All units have been fully calibrated according to manufacturer specifications. - Power supply, laser current, RF alignment, Amplifier bias-current, etc.

Warranty

My reputation for over 30 years has been built on providing exceptional quality to my customers. I do not believe in having any customer return after the sale, complaining about a failure. So these units are designed to be 100% trouble-free for not one, or even two, but at least 10 to 15 very pleasurable years to come.

In the extremely unlikely event of an unexpected failure, **within one year of purchase**, please return the unit to me at your expense for immediate attention. Warranty service will not be

provided, if failure is determined to be due to neglect or misuse, which includes damage from poor or unstable electricity supply.

Brand-New Sealed Bang & Olufsen B&O SoundSmith Phono Cartridges



These are all Original, Factory-sealed, ready to be installed on your B&O turntable. Price includes FREE Worldwide shipping!

SMMC20EN	\$349.95
SMMC2-M	\$599.95 (medium compliance – stiffer, more durable mechanism)
SMMC4	\$199.95

Graham Slee Audio Phono Stage Pre-Amplifiers

<http://www.gspaudio.co.uk/>

The full range of the renowned award-winning Graham Slee phono-amplifiers is available, at very competitive pricing. Please contact me for advice on choosing the most suitable model for your system.

B&O Bang & Olufsen BeoGram 4000 Turntable \$2100



This was manufactured in 1975, and has been completely rebuilt. Type 5215 (AC Motor)
Cosmetic 9.5 / 10 – Slight scratches on the plexiglass cover, Flawless touch panel and aluminium trim, Teak trim

Nichicon, Panasonic, Wima and Vishay BC Philips 105°C power capacitors, Elna Silmic II audio capacitors as appropriate
Incandescent lamp indicators upgraded to LED's
Schottky 11DQ10 diodes in the bridge rectifier circuit
All solder joints on all circuit boards resoldered
New rubber belts
Complete calibration on Power circuits, and mechanical alignment.

Selection of Cartridges at extra cost.
110 / 220VAC only

For more complete details of the work done, please visit my website, and look for this unit on the Home Page, under Projects.

This may not be the exact unit featured in the article, however all the work done is absolutely identical.

<http://www.condoraudio.com>

yachadm@gmail.com

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Philips Magnavox CD650 / CDB650 TDA1541 CD Player \$1120



This TDA1541 classic was manufactured in 1987, and has been completely rebuilt.
Cosmetic 9.9 / 10

Nichicon, Panasonic, Wima and Vishay BC Philips 105°C capacitors, audio and power capacitors as appropriate

Vishay Dale metal-film resistors in the audio path

Schottky 11DQ10 diodes in the bridge rectifier circuit

2 x OPA2134PA op-amps to replace the original 4558's

High-stability clock with NOS (non-oversampling) mod, in place of the SAA7220 IC

High-stability circuit modifications to the laser-power supply

60mm ventilation grille at the rear to enhance cooling

All wiring harnesses upgraded to multi-strand Litz high-resolution copper wire, from original low-resolution single-strand wire

All solder joints on the circuit boards resoldered

Includes original Box and Packing materials, Remote Control and Manuals

Voltage (110 / 220VAC) will be set according to the country of the purchaser.

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Arcam CD92 dCS RING DAC CD HDCD Player \$1640



This has the exotic and rare dCS RING DAC and was manufactured in 2003, and has been completely rebuilt.

Cosmetic 10 / 10

Nichicon, Panasonic, Wima and Vishay BC Philips 105°C capacitors, audio and power capacitors as appropriate

Vishay Dale metal-film resistors in the audio path

Schottky 11DQ10 diodes in the bridge rectifier circuit

High-stability circuit modifications to the laser-power supply

CD Tray balanced laterally and vertically

All solder joints on the PSU circuit boards resoldered

Includes original Box and Packing materials, Remote Control and Manuals

Voltage (110 / 220VAC) will be set according to the country of the purchaser.

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B&O Bang & Olufsen BeoCenter 9300 FM / AM / LW Receiver CD Cassette-Tape \$2500 SOLD



This was manufactured in 1997, and has been completely rebuilt. This has the famous and reliable Philips CDM-4 laser transport.
Cosmetic 10 / 10

Nichicon, Panasonic, Wima and Vishay BC Philips 105°C power capacitors, Elna Silmic II audio capacitors as appropriate

Vishay Dale metal-film resistors in the audio path

Schottky 11DQ10 and 31DQ10 diodes in the bridge rectifier circuit

4 x OPA2134UA op-amps to replace the original 4558's in the preamp circuits

High-stability circuit modifications to the laser-power supply

CD Tray balanced laterally and vertically

All solder joints on the PSU circuit boards resoldered

Complete RF alignment

New Rubber belts

Includes original Box and Packing materials, Beo4 Remote Control and Manuals

Voltage is 220 / 240VAC only.

For more complete details of the work done, please visit my website, and look for this unit on the Home Page, under Projects.

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Arcam AVR350 AVR FM / AM AV Receiver \$2400



This was manufactured in 2007, and has been completely rebuilt.
Cosmetic 10 / 10

Nichicon, Panasonic, Wima and Vishay BC Philips 105°C power capacitors, Elna Silmic II audio capacitors as appropriate

Vishay Dale metal-film resistors in the audio path

Schottky 11DQ10 and 31DQ10 diodes in the bridge rectifier circuit

All solder joints on the PSU circuit boards resoldered

Complete RF alignment

Includes original Box and Packing materials, Remote Control and Manuals

Voltage (110 / 220VAC) will be set according to the country of the purchaser.

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Sansui RZ3000 FM / AM Receiver \$520 (matching speakers available)



This was manufactured in 1990, and has been completely rebuilt.
Cosmetic 10 / 10

Nichicon, Panasonic, Wima and Vishay BC Philips 105°C power capacitors, Elna Silmic II audio capacitors as appropriate
Vishay Dale metal-film resistors in the audio path
Schottky 11DQ10 diodes in the bridge rectifier circuit
All solder joints on the PSU circuit boards resoldered
Complete RF alignment

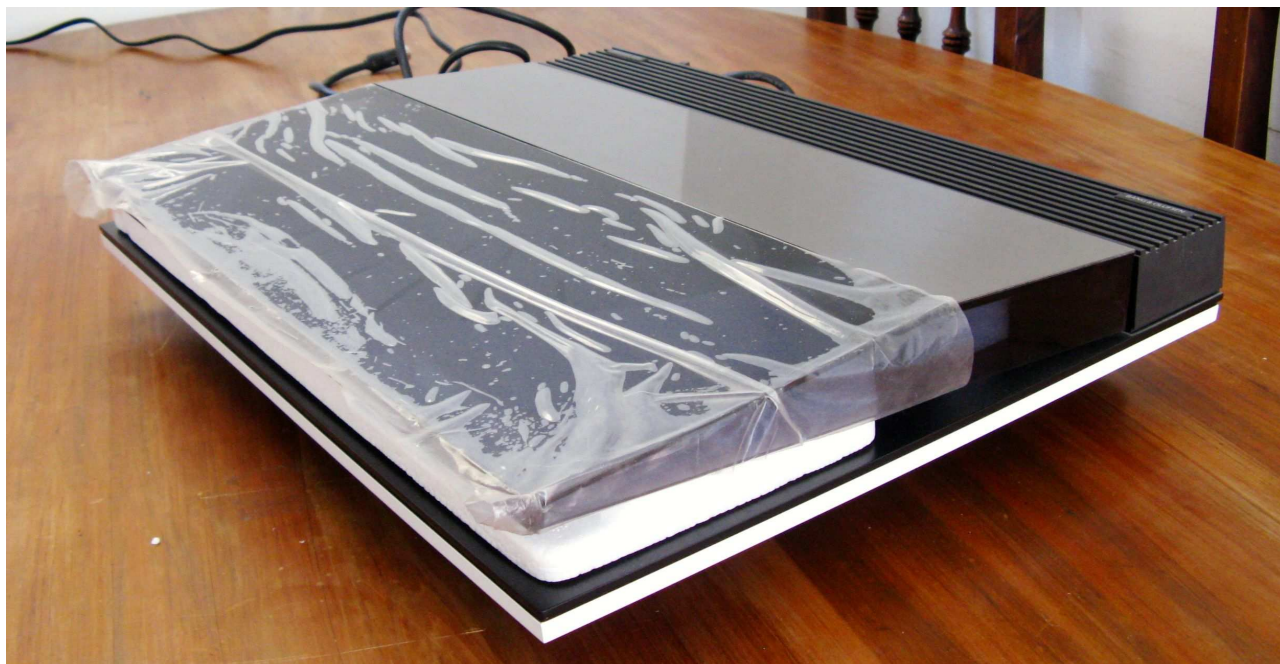
Includes original Remote Control and Manual
Voltage (110 / 220VAC) will be set according to the country of the purchaser.

For more complete details and pictures of the exact work done on this unit, please contact me.

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B&O Bang & Olufsen BeoGram 4500 Turntable \$1300 SOLD



This was manufactured in 1991, and has been completely rebuilt. Type 5953
Cosmetic 10 / 10 Stunning brand-new. Original plastic sheet is still adhered to the plexiglass cover,
Rare white trim

Nichicon, Panasonic, Wima and Vishay BC Philips 105°C power capacitors, Elna Silmic II audio capacitors on RIAA preamp PCB

Vishay Dale metal-film resistors in the audio path

Schottky 11DQ10 diodes in the bridge rectifier circuit

2 x OPA2134UA op-amps to replace the original 4558's in the RIAA preamp

Known factory defect of Solenoid piston – rebuilt – will never occur again

New rubber belts

Complete mechanical alignment

SoundSmith SMMC2 Cartridge \$520 extra cost option.

110 / 120VAC only

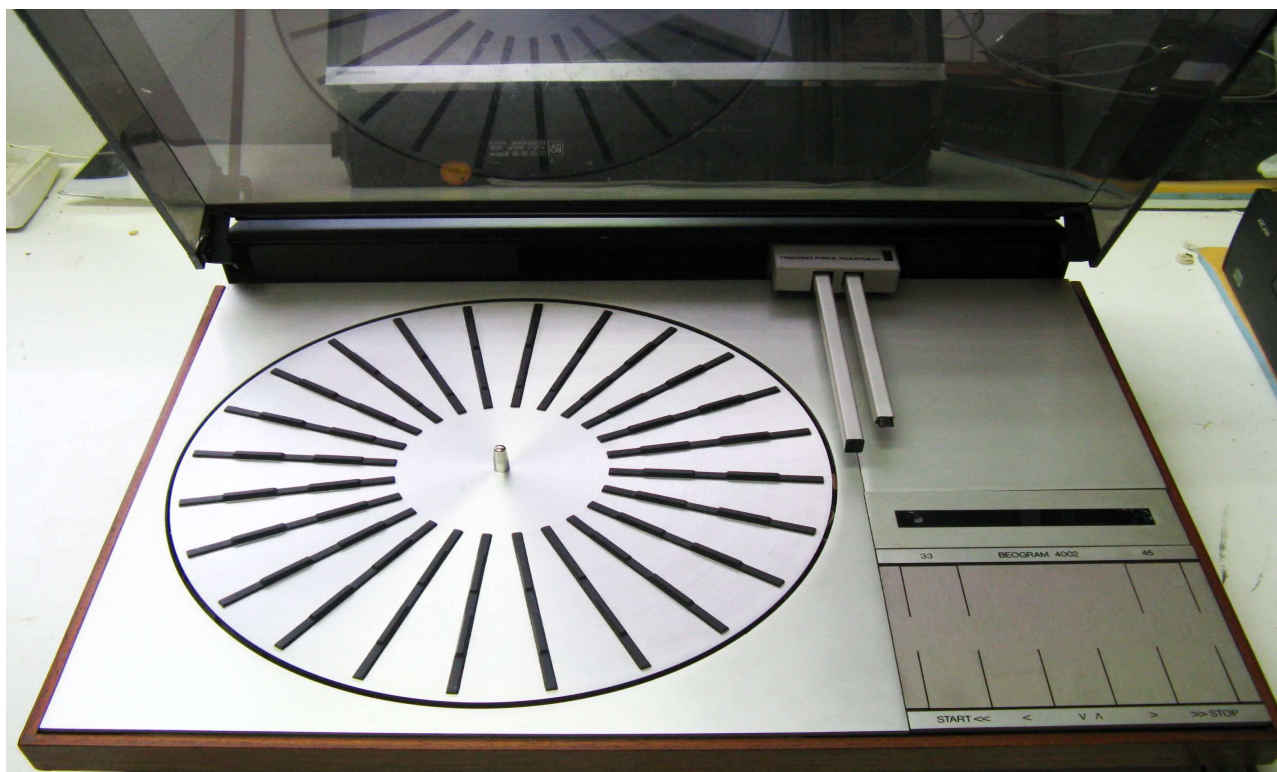
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B&O Bang & Olufsen BeoGram 4002 Turntable \$750 SOLD



This was manufactured in 1977, and has been completely rebuilt. Type 5513 (DC Motor)
Cosmetic 9.5 / 10 – Slight scratches on the plexiglass cover, Flawless touch panel and aluminium trim, Teak trim

Nichicon, Panasonic, Wima and Vishay BC Philips 105°C power capacitors, Elna Silmic II audio capacitors as appropriate

Incandescent lamp indicators upgraded to LED's

Schottky 11DQ10 diodes in the bridge rectifier circuit

All solder joints on all circuit boards resoldered

New rubber belts

Complete calibration on Power circuits, and mechanical alignment.

Selection of Cartridges at extra cost.

110 / 120VAC only

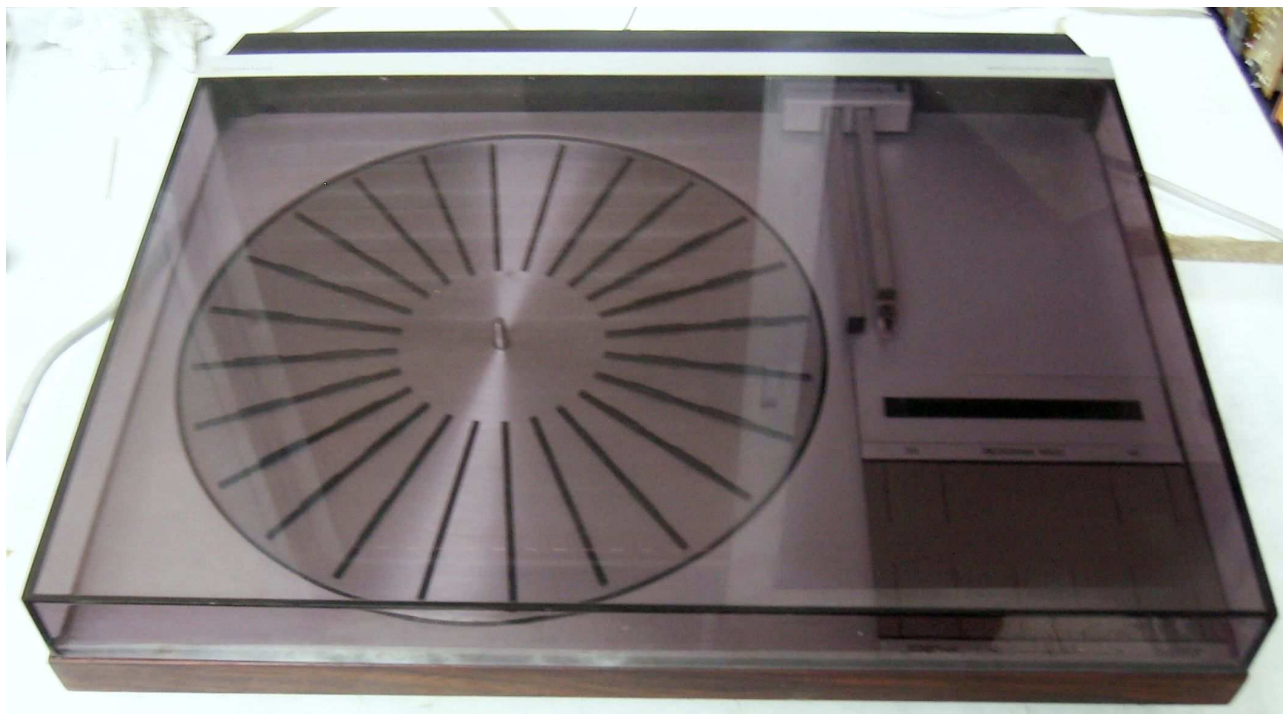
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B&O Bang & Olufsen BeoGram 6000 Quad CD4 Turntable \$950 SOLD



This was manufactured in 1976, and has been completely rebuilt. Type 5505 (AC Motor)
Cosmetic 9.0 / 10 – Slight scratches on the plexiglass cover, Rosewood trim

Nichicon, Panasonic, Wima and Vishay BC Philips 105°C power capacitors, Elna Silmic II audio capacitors as appropriate

Vishay Dale metal-film resistors in the audio path

New AA143 Super-rare germanium detector diodes in the CD4 30kHz circuit

Incandescent lamp indicators upgraded to LED's

All solder joints on all circuit boards resoldered

New rubber belts

Complete calibration on Power and CD4 circuits, and mechanical alignment.

Brand-new SoundSmith SMMC20CL cartridge \$620 extra-cost option

Voltage (110 / 220VAC) will be set according to the country of the purchaser.

For more complete details of the work done, please visit my website, and look for this unit on the Home Page, under Projects.

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Grundig 4016 FM Stereo / AM / SW Table Radio \$550



This was manufactured in 1959, and has been completely rebuilt.
Cosmetic 9.5 / 10 The only defect is a crack on the tuning dial, at the left-side knob.

Nichicon, Panasonic, Wima and Vishay BC Philips 105°C power capacitors, Elna Silmic II audio capacitors as appropriate
Panasonic 630V film capacitors
Vishay Dale metal-film resistors in the audio path
Complete RF alignment
Telefunken and Siemens tubes: EABC80, ECC83, ECC85, ECH81, EF89, EL95 x2, EM84
Professional cabinet restoration by master carpenter.

Voltage (110 / 220VAC) will be set according to the country of the purchaser.

For more complete details and pictures of the exact work done on this unit, please contact me.

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Proton 320 FM/AM Table Radio \$189 SOLD



This was manufactured in 1987, and has been completely rebuilt.

Cosmetic 9.9 / 10

Nichicon, Panasonic, Wima and Vishay BC Philips 105°C capacitors, audio and power capacitors as appropriate

Vishay Dale metal-film resistors in the audio path

All solder joints on the circuit boards resoldered

Incandescent Dial-light replaced by aquamarine color LED

Complete RF alignment

Voltage (110 / 120VAC) only

Includes Original Owner's Manual

For more complete details and pictures of the exact work done on this unit, please contact me.

<http://www.condoraudio.com>

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**Palstar R30CC LW / MW / SW Professional Communications Receiver \$620
SOLD**



This was manufactured in 2006, and is completely original, except for the replacement of the original internal speaker by an MCM unit of far-superior quality and sound.
Cosmetic 9.9 / 10 - One small mark on the front

Flawless operation

Voltage 12VDC 2A only
Includes Original Owner's Manual and Packaging

For more complete details, please contact me.

<http://www.condoraudio.com>

yachadm@gmail.com

Custom Subwoofer 7cu Ft, Fs 23Hz, 900W RMS \$2600



Visually stunning unit, with breathtaking sound

Cabinet constructed by Master Carpenter from 1"-thick solid Aircraft-grade red plywood, with African Rosewood veneer

Built to last!

TC Sounds TS2000 15" Driver, Keiga LT1300 900W RMS Class D amplifier with massive Toroidal transformer, 2 ports

Approximate weight 85 kg

For more complete details and pictures of the exact work done on this unit, please contact me.

<http://www.condoraudio.com>

yachadm@gmail.com

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Grundig Satellit 700 FM / AM / SW Portable Radio \$1100 SOLD



This was manufactured in 1995, and has been completely rebuilt.
Cosmetic 9.9 / 10

Nichicon, Panasonic, Wima and Vishay BC Philips 105°C capacitors, audio and power capacitors as appropriate

Vishay Dale metal-film resistors in the audio path

All solder joints on the PSU circuit boards resoldered

3 FM filters replaced with Murata high-precision SFELF10M7HAB0-B0

2 AM filters replaced with Murata high-precision CFWLA450KHFA-B0, CFWLA450KJFA-B0

CC817 Modification

Complete RF alignment

Includes 3 extra 24LC16B memory chips

<http://www.condoraudio.com>

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Sony ICF-6000 Skysensor FM / AM / SW Portable Radio \$350 SOLD



This was manufactured in 1975, and has been completely rebuilt.
Cosmetic 9.8 / 10

Nichicon, Panasonic, Wima and Vishay BC Philips 105°C capacitors, audio and power capacitors as appropriate

Vishay Dale metal-film resistors in the audio path

All solder joints on the PSU circuit boards resoldered

Complete RF alignment

Built-in Adapter for 4x 1,2VDC AA Rechargeable batteries

<http://www.condoraudio.com>

yachadm@gmail.com

Onkyo TX-25 Integra FM / AM Receiver \$450 SOLD



This was manufactured in 1984, and has been completely rebuilt.
Cosmetic 9.5 / 10

Nichicon, Panasonic, Wima and Vishay BC Philips 105°C power capacitors, Elna Silmic II audio capacitors as appropriate

Nichicon Muse Gold-Tone PSU Decoupling capacitors (special customer request)

Vishay Dale metal-film resistors in the audio path

Schottky 11DQ10 diodes in the bridge rectifier circuit

All solder joints on the PSU circuit boards resoldered

Complete RF alignment

Voltage (110 / 220VAC) will be set according to the country of the purchaser.

For more complete details and pictures of the exact work done on this unit, please contact me.

<http://www.condoraudio.com>

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B&O Bang & Olufsen BeoMaster 5000 FM / AM / LW Receiver \$1200 SOLD



This was manufactured in 1985, and has been completely rebuilt.
Cosmetic 9.0 / 10 – Slight scratches on the upper aluminium surface, but cannot be seen from the front

Nichicon, Panasonic, Wima and Vishay BC Philips 105°C power capacitors, Elna Silmic II audio capacitors as appropriate

Vishay Dale metal-film resistors in the audio path

Schottky 11DQ10 diodes in the bridge rectifier circuit

All solder joints on the PSU circuit boards resoldered

Complete RF alignment

Includes original Box and Packing materials, MCP5000 Remote Control and Manuals

Voltage 220VAC only.

For more complete details of the work done, please visit my website, and look for this unit on the Home Page, under Projects.

This may not be the exact unit featured in the article, however all the work done is absolutely identical.

<http://www.condoraudio.com>

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B&O Bang & Olufsen BeoMaster 2400 FM / AM Receiver \$1300 SOLD



This was manufactured in 1976, and has been completely rebuilt.
Cosmetic 9.0 / 10 – Slight scratches on the upper aluminium surface, almost invisible

Nichicon, Panasonic, Wima and Vishay BC Philips 105°C power capacitors, Elna Silmic II audio capacitors as appropriate

Vishay Dale metal-film resistors in the audio path

Schottky 11DQ10 diodes in the bridge rectifier circuit

All Incandescent lamp indicators upgraded to LED's

All solder joints on all circuit boards resoldered

Complete RF alignment

Includes original Box and Packing materials and Manuals

Voltage (110 / 220VAC) will be set according to the country of the purchaser.

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yachadm@gmail.com

B&O Bang & Olufsen BeoGram 6000 Quad CD4 Turntable \$1480 SOLD



This was manufactured in 1976, and has been completely rebuilt. Type 5505
Cosmetic 9.0 / 10 – Slight scratches on the plexiglass cover, Teak trim

Nichicon, Panasonic, Wima and Vishay BC Philips 105°C power capacitors, Elna Silmic II audio capacitors as appropriate

Vishay Dale metal-film resistors in the audio path

Schottky 11DQ10 diodes in the bridge rectifier circuit

All Incandescent lamp indicators upgraded to LED's

All solder joints on all circuit boards resoldered

Complete calibration on Power and CD4 circuits, and mechanical alignment.

Includes Brand-new SoundSmith SMMC2CL cartridge

Includes original Box and Packing materials and Manuals

Voltage (110 / 220VAC) will be set according to the country of the purchaser.

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