

STEREO SHOP TALK

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1985

CAN YOUR AMPLIFIER MEET TODAY'S DIGITAL CHALLENGE? FIND OUT NOW!

HERE'S WHAT IT MEANS TO BE "DIGITAL READY"

Compact Discs have been proclaimed to have a large increase in "dynamic range". Dynamic range is the ratio, usually given in decibels, between the softest, quietest sound on the disc and the loudest. Most compact disc players claim a dynamic range in excess of 90 decibels. Numerically this is a ratio that is 1000 times greater than that of practical commercial analog records.

Because the noise "floor" of Compact Discs is closer to being inaudible, it is really possible, practical, and enjoyable to listen to compact discs at much louder levels than we could ever listen to analog records. This is the basic reason preamplifiers and power amplifiers are often subjected to "digital sonic overload". The effect is a harsh sound on the loud passages.

For equipment to be "digital ready" it must be able to handle this overload without "breaking up" or grossly distorting the sound. Most power amplifiers today are incapable of accepting 10 decibels of overdrive without gross distortion. Some amplifiers totally collapse under this punishment from compact discs.

Thursday

JUNE 13th

12 Noon till 7 PM

Friday

JUNE 14th

12 Noon till 5 PM

**BRING IN YOUR AMPLIFIER,
INTEGRATED AMPLIFIER, OR
RECEIVER, REGARDLESS OF
WHERE YOU BOUGHT IT, ITS
AGE OR ITS BRAND. WE WILL
TEST IT FOR "DIGITAL
READINESS" USING SPECTRAL
FIDELITY TESTING
PROCEDURES.**

**You will get a test report and a
photograph of your amplifier's
Spectral performance.**

Protect your musical pleasure in
this digital age by knowing the
operating limits of your amplifier.

Here's how your amplifier will be "SPECTRAL FIDELITY" tested:

Two test tones, 14 kHz and 15 kHz, are fed to the amplifier under test. The output is fed to a resistive load, to an A.C. voltmeter, which allows computation of the amplifier output power, and to a spectrum analyzer. The spectrum analyzer allows observation of the magnitude and frequencies of signals at the amplifier output.

Ideally, only the test tones should be reproduced at the amplifier output. Some amplifiers generate an intermodulation spectrum of tones corresponding to the sum and difference of the test tones. These spurious outputs are called Intermodulation Distortion.

All amplifiers produce such a spectrum of Intermodulation and Harmonic Distortion when they are driven beyond their output capacity. The severity depends on the amount of overdrive and the amplifier design. Most of these spurious frequency components are at high frequencies and can easily destroy the tweeter sections of loudspeakers.

This test takes time so please be prepared to wait. Spectral Fidelity testing does not reveal the performance of preamplifiers or tuners so they are not tested.

NEW



**Just Arrived
McIntosh Compact
Disc Player**

Now On Display For Your Evaluation

10 REASONS TO BUY YOUR STEREO EQUIPMENT FROM THE STEREO SHOP

Reason No. **PROFESSIONAL REPAIR DEPARTMENT**

1 The Stereo Shop has three essential elements to give you the best possible service on your stereo equipment should it need it. 1.) We maintain a fully equipped factory authorized service department on our premises, staffed with a highly qualified factory trained technician. 2.) Continuing education courses keep our staff current with the rapid changes and advances in electronic technology. Today's sophisticated circuits and electronics requires sophisticated test instruments. Dual trace scopes, wow and flutter meters, distortion analyzers, alignment generators, tape test facilities and more, are all a part of the more than \$25,000 investment made to protect your enjoyment. 3.) You are assured of the quickest repair possible using the correct parts and procedures.

Reason No. **TURNTABLE CALIBRATION**

2 The turntable which you buy from The Stereo Shop will be assembled, aligned, adjusted, calibrated, and performance measured free of charge. To assure you of optimum performance, The Stereo Shop uses sophisticated electronic testing and alignment instruments to make precise adjustments and accurate settings. You'll get greater pleasure through improved performance and your investment in your needle and records is fully protected.

Reason No. **PROFESSIONAL NEEDLE INSPECTION**

3 Diamond needles do wear out with use. To properly inspect a needle for wear requires a good microscope. The Stereo Shop has invested over \$7,000 in a WILD-Heerbrugg Laboratory Research Stereomicroscope. This instrument shows in greatest detail the record contact areas of your needle. **FACT** --Up to 40% of new needles are in some way defective. Record players and phono cartridge clinics have shown that 82% of the equipment brought in by owners was in serious need of adjustment or defective in some way. **YOU CANNOT** buy a defective needle or an improperly calibrated and adjusted turntable from **THE STEREO SHOP**.

Reason No. **TRADE-INS AND USED EQUIPMENT**

4 Your used equipment is worth \$\$\$\$ in trade on new high performance models. All used equipment is reconditioned and is protected by our 90-day guarantee.

Reason No. **YEARLY CHECK-UP**

5 The Stereo Shop will reserve two days during the year when you can have your amplifier, receiver or preamplifier measured professionally. All switches will be cleaned and lubricated and you will receive a laboratory analysis of the performance of your unit. The Stereo Shop cares about you.

Reason No. **FIVE YEAR PROTECTION PLAN**

6 What distinguishes The Stereo Shop from the pack is the lengths we'll go to service you after you've bought something--when you really need us. The Stereo Shop for five years protects your investment in any of our amplifiers, preamplifiers, tuners, receivers or speakers by giving you free any electronic part that is defective due to a manufacturing defect. In addition, The Stereo Shop for two years supplies the labor free of charge.

Reason No. **QUALIFIED PROFESSIONAL SALES HELP**

7 The Stereo Shop sales people receive on-going technical training so that you can be sure they know what they're talking about, and they know precisely which equipment will suit your needs. In addition, he will make sure that your system is properly installed so that you will be fully satisfied.

Reason No. **CUSTOM HOME AND COMMERCIAL INSTALLATIONS**

8 The Stereo Shop has one of the largest and most experienced custom installation departments in this area. A Stereo Shop custom designed and installed music system becomes an intimate part of your home. Our experts will plan and work with you, your interior decorator, architect or contractor.

Reason No. **SPECIAL CLINICS**

9 The Stereo Shop will hold special clinics and seminars throughout the year where leading names in hi-fi will appear in person to broaden your appreciation of the art of music reproduction and will also be on hand to answer any questions which you may have.

Reason No. **20 YEARS EXPERIENCE**

10 The Stereo Shop has been in business longer than any other stereo store in the Hartford area. The key to our success is the products which we carry. Careful consideration is given to reliability and sound quality. No matter how good the specs are, if it doesn't sound good, it won't be sold at The Stereo Shop.

The Stereo Shop

McIntosh®

The World's Finest Amplifier Now Turns Out To Be The World's Only Digital Ready Amplifier

Digital disc players have a dynamic range of over 90 decibels, much greater than that of commercial LP's. To be "digitally ready," an amplifier must be able to reproduce wide dynamic range with low distortion. In power amplifiers, 10 decibels of overload protection means **10 times the power capacity** for which the amplifier was designed. A 250 watt per channel power amplifier would have to have 2500 watts of low distortion capacity to escape "digital sonic overload!" All but one amplifier design totally collapses with distortion of 30% or more under this punishment from digital discs. The exception? McIntOSH! ... with the exclusive patented Power Guard circuit.

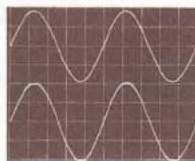
POWER GUARD assures that all McIntosh amplifiers cannot be overdriven, thus amplifier clipping is eliminated. Clipping is caused when an amplifier is asked to produce more power output than it can deliver with low distortion. Amplifiers are capable of delivering large quantities of highly distorted power when they are driven to clipping. The extra energy content of the clipped signal will damage most speakers, and cause extremely high intermodulation distortion, which makes music sound harsh and unlistenable. With POWER GUARD, McIntosh amplifiers are truly digital ready!

Without
Power Guard



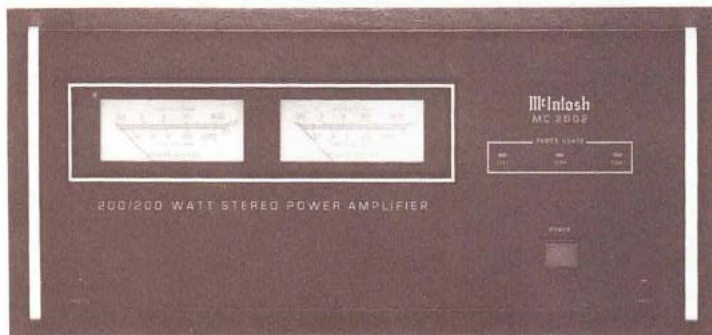
On both of these graphs the top wave from is the original input. The bottom is an amp overdriven 20 dB. At right your speakers are protected. Are they on the left?

With
Power Guard



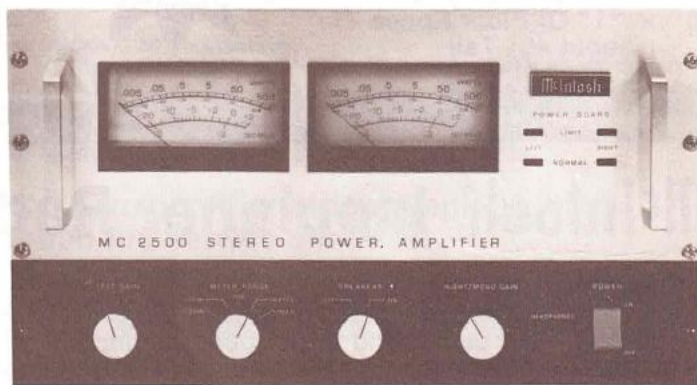
MC 2255 Stereo Power Amplifier

The McIntosh MC 2255 power amplifier is conservatively rated at 250 watts per channel RMS, with less than 0.02% total harmonic distortion and intermodulation distortion, from 20-20,000 Hz, both channels operating. This unit features POWER GUARD, FET Switching (assuring quiet turn-on and turn-off without degrading sound quality) and inrush current limiting (eliminating stress and failure of internal components). **\$2,995.00 less Trade-in.**



MC 2002 Stereo Power Amplifier

This amplifier is an exceptional value from McIntosh, offering 200 watts per channel RMS into 8 ohms, with less than 0.01% total harmonic distortion, 20-20,000 Hz with both channels operating. The MC 2002 is an exciting new design, with extremely wide sound staging and depth for very realistic music reproduction. Complete with POWER GUARD and meters. Now on display for your evaluation. **\$1,850.00 less Trade-in.**



MC 2500 Stereo Power Amplifier

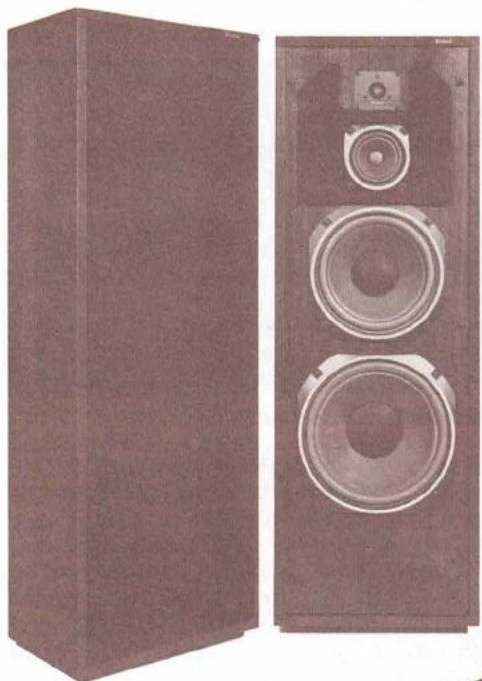
Unparalleled performance! The MC 2500 is McIntosh's most powerful amplifier delivering over 500 watts RMS per channel with less than 0.02% THD, 20-20,000 Hz! Not only is the MC 2500 the choice for live music or disco, but it takes full advantage of the wide dynamic range of today's program sources at any volume level. Naturally, POWER GUARD, FET switching, inrush current limiting, meters and fan. The ultimate McIntosh! **\$3,500.00**



McIntosh®

ADVANCED TECHNOLOGY AND PERFORMANCE

McIntosh® XR 1051



Occupies Only
16" x 11" Of Floor Space
About 46" Tall



The new McIntosh XR 1051 loudspeaker system has exceptionally uniform dispersion. McIntosh loudspeaker scientists have carefully selected all interrelated component parts so that their combined performance delivers unusually accurate music reproduction with superb imaging. Such a design delivers **low distortion, excellent dispersion, and smooth response.**

The ten inch woofer in the XR 1051 has a copper wire voice coil wound on a black anodized aluminum voice coil form. This form radiates heat faster and more effectively than any other voice coil form. The twelve inch passive radiator has an accurately adjusted moving mass and compliance which complements the characteristics of the woofer and the volume of air in the XR 1051 enclosure. In the lower bass frequency range, this rigid cone is driven in phase by the back pressure wave of the ten inch woofer, extending the system acoustic output **down to 30 HZ.**

The five inch mid-range was selected to complement both the ten inch woofer and the one inch dome tweeter. Construction is very similar to the woofer except the mass and size of moving parts are greatly reduced to accommodate the higher frequency range. The one inch high frequency dome is made of a specially formulated textile and is attached to a copper wire voice coil wound on a high temperature form.

Besides directing all musical information to the driver of the appropriate frequency range, the McIntosh crossover network has these additional tasks to perform: smooth the response in the active area of sound for each speaker, minimize interference between speakers, and present a uniform arrival time to the listener. The result is a loudspeaker that can deliver **depth, spaciousness, and three dimensional sound. \$1200 each.**

SEE AND HEAR ALL THE McINTOSH PRODUCTS AT THE STEREO SHOP

McIntosh® Isoplanar Radiator Speaker Systems

There are many fine loudspeakers on the market and the choice sometimes becomes pretty confusing for the audio consumer. Most can sound pretty good, especially at first listening. To make the best selection, you really must know what to look for. Range, accuracy, detail, ability to disperse the best sound throughout the room instead of on a very narrow restricted plane: all of these are important factors.

For the BEST combination of these factors; for the MOST REALISTIC "Mirror image" of the original sound; and for the MOST SATISFYING psychoacoustic listening experience, we recommend the BEST --- McIntosh.

The XR 14's are McIntosh's most compact floor standing unit; it offers more detail in sound than anything near its size. It is a four speaker, four way design, for accurate sound on a restricted budget there is only one choice --- the XR 14's.

The XR 16's are similar to the XR 14's but feature a larger cabinet and larger bass speaker to fill a room with bass that you can really feel. It has slightly increased power handling capacity.

Both models have very low distortion due to excellent driver designs and carefully engineered crossover networks. Vertical alignment and front panel engineering aid in achieving a smooth, widely dispersed image.

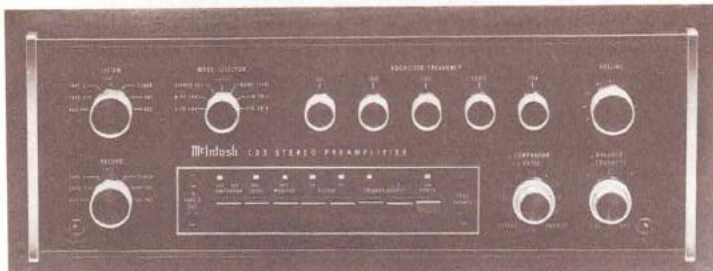


XR 14 Four speaker system with 10 inch woofer. Cabinet size: about 15" W x 10" D x 30" H. **\$750.00 EA.**

XR 16 Four speaker system with 12 inch woofer. Cabinet size: about 17" W x 12" D x 35" H. **\$950.00 EA.**

McIntosh®

WORLD WIDE LEADER IN STATE OF THE ART TECHNOLOGY



C 33 More Than a Preamplifier

The C 33 offers superior sound quality with the broadest range of control function. Some of the outstanding features this new stereo preamplifier incorporates are:

- 1. NEW FEATURE:** Separate LISTEN and RECORD program circuits. **BENEFIT:** Record on 3 tape recorders from any connected source or copy tape to another with complete independence from the program being listened to. The RECORD and LISTEN input switches operate without any interaction. Monitor the program being recorded with the monitor pushbutton.
- 2. NEW FEATURE:** Second generation electronic input signal switching. **BENEFIT:** Greater isolation between input and sources with much lower noise and distortion. Both LISTEN and RECORD input selectors control DC voltages that control Field Effect Analog switches. Because the FET switches are at the input jacks, the length of leads are short. Noise, switch clicks and pops are eliminated while any hum pickup is substantially reduced.
- 3. NEW FEATURE:** Five band program tone shaping controls that can operate in either the RECORD or LISTEN circuits. **BENEFIT:** Five band program equalizer switchable to tape outputs permit individual musical spectra shaping in two octave segments to satisfy personal preference or program limitations.
- 4. NEW FEATURE:** COMPRESSOR that can be switched to either RECORD or LISTEN circuits. **BENEFIT:** Improve your own tape recordings. Compress program material when recording and expand on playback for lower noise and increased dynamic range.
- 5. NEW FEATURE:** EXPANDOR that can be switched to either the RECORD or LISTEN circuits. **BENEFIT:** Expansion increases dynamic range and lowers background noise.

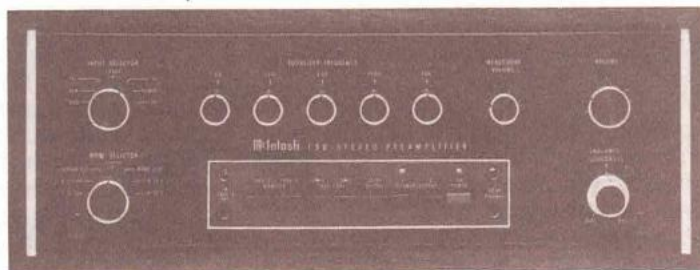
6. NEW FEATURE: Processor input and output facilities. **BENEFIT:** External signal processors can be connected to modify the program when recording or when listening.

7. NEW FEATURE: Precision tracking volume control. **BENEFIT:** The volume control, manufactured for McIntosh Laboratory, is a step attenuator which has tracking accuracy within 1 dB throughout its entire range. Tracking accuracy and quiet performance are permanently maintained. Use does not affect performance as in ordinary volume controls.

8. NEW FEATURE: Automatic power turn on/off. **BENEFIT:** Power to the entire stereo system can be controlled from either the front panel power switch or the turntable's power switch. Sensitivity of the circuit is adjustable to match the current consumption of your turntable.

9. NEW FEATURE: Monitor Amplifier. **BENEFIT:** A wide band, very low distortion 20 watts per channel power amplifier feeds headphones with the main power amplifier turned off, use the Monitor Output to feed remote loudspeakers or in association with time delay devices or other applications. Complete protection is assured by the McIntosh developed and patented POWER GUARD and Sentry Monitor circuit. **\$2450.00 Less Trade-in.**

NEW



McIntosh C 30 Preamplifier

The new McIntosh C 30 shares the same superior sound quality as the world-renowned C 33, and also offers some of the C 33's best features: electronic input switching, five band tone shaping controls, precision tracking volume control and automatic power on/off. One of McIntosh's best values. **\$1,650.00 less Trade-in.**

NEWS FLASH! Buy the McIntosh C 33 or C 30 preamplifier before Sept. 30, 1985, and get a **special 12-year extended life service contract!**

Unequaled Audio Excellence For Those Who Appreciate **THE FINEST**

McINTOSH DIGITAL TUNERS:

Unsurpassed Quality; Unsurpassed Sound.



MR 80

We believe the McIntosh MR 80 and MR 500 tuners to be the best-sounding, most musical digital tuners we have ever heard. Both offer superlative sound quality and performance. The MR 80 incorporates a special computer designed filter network that is unequalled for

MR 80 \$2,500.00 less Trade-in



MR 500

pulling in distant stations. The excellence of these tuners has drawn lavish praise from reviewers and competitors alike - as well as from those fortunate enough to own one.

MR 500 \$1,500.00 less Trade-in

Compact Disc Players With The Nakamichi Difference

Meet the OMS-7 and OMS-5 Nakamichi Compact Disc Players that are light-years ahead of the ordinary. One audition of the sophisticated OMS-7 or the more basic OMS-5 will convince you that these are CD players with the Nakamichi Difference. For sheer sound clarity - for utterly natural reproduction - you'll find either one virtually unbeatable. That's only to be expected! They were designed by an engineering team whose passion is music - **live** music!



Nakamichi OMS-7 Compact Disc Player

The OMS-7 laser pickup is specially designed to ensure consistent detection even on a warped disc. Separate digital/analog converters for each channel prevent frequency-dependent phase error and provide natural sound. The OMS-7 features direct track search, index search, programmed playback, skip search, dual-speed cueing, and wireless remote control. Frequency response: 5-20,000 Hz, ± 0.5 dB, with 0.003% THD (1kHz). **\$1,295.00**



Nakamichi OMS-5 Compact Disc Player

The more modest but equally great-sounding OMS-5 is essentially an OMS-7 without the extra features. The OMS-5 is very easy to use, however, with features like bidirectional skip search, dual speed cueing, repeat play and remaining track and time displays. An excellent value in a quality, reliable and long-lived CD player. **\$995.00**



CASSETTE DECKS - SOUND: PURE AND SIMPLE

Nakamichi BX-100

Nakamichi quality is eminently affordable with the BX-100, an excellent, no-frills recording machine. Low distortion, frequency response of 20-20,000 Hz, master fade control, and the famous Nakamichi transport (precision engineered to position the head block with separate motors, not solenoids, onto precious recordings). The BX-100 is Nakamichi's least expensive at **\$299.00**



Nakamichi RX Series

Auto-reverse made perfect by Nakamichi! Instead of flipping the tape head around (resulting in skewed azimuth), Nakamichi's engineers came up with the obvious solution: flip the **tape** around! The result? Perfect tape-to-head alignment every time! Starting with the RX-202, Nakamichi's auto-reverse line includes the RX-303, loaded with features, up to the three-head RX-505. Priced from **\$595.00**

Nakamichi Dragon

The ultimate Nakamichi! The Dragon is the world's best playback machine, because the head automatically aligns along any tape you want to play! An auto-reverse deck with a dual capstan, double-direct drive transport (micro-processor supervised), the Dragon incorporates the most advanced cassette technology to bring you all the features in a no-holds-barred cassette deck, Nakamichi's best! Price **\$1,850.00**



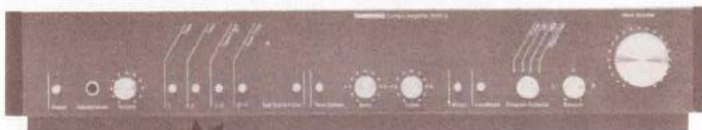
TANDBERG ... The 3000A Series Components

THE EUROPEAN ALTERNATIVE



3001A \$1199

The 3001A Programmable FM Tuner offers extremely low distortion; an unprecedented signal-to-noise ratio of 92 dB in stereo; memory for 8 preset stations; switchable IF bandwidth and more. "Stereo Review" called it "one of the most advanced stereo components we have seen".



3002A \$799

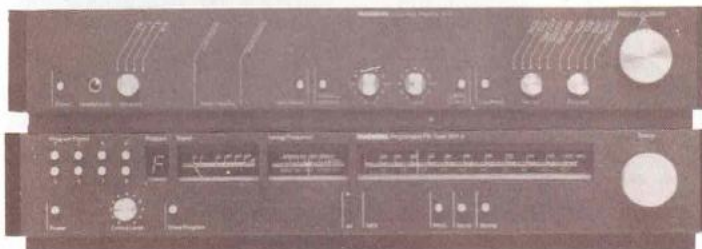
The 3002A Control Preamplifier is a superb balance of sonic excellence and flexibility. Boasting digital inputs that can handle 20 volts of signal without overload; low noise magnetic and moving coil phono inputs; 2 tape deck inputs with dubbing; - all in a design with no technical compromises.



3006A \$999

The 3006A Power Amplifier is a truly unique product. It is the only MOS FET Zero Feedback, High Current amplifier available. Described by some as the best sounding power amp on the market, the 3006A produces a conservative 150 watts per channel at under 0.02% THD (20-20,000 Hz, 8 ohms). One of the best values available in high performance amplifiers.

TANDBERG ... a little less powerful



3012A \$999 3011A \$699

The combination of the 3012A Integrated Amplifier (100 watts per channel at 0.015% THD, 8 ohms, 20-20,000 Hz) and the 3011A Tuner offers all the superb engineering and design philosophies of the separate 3 pieces but at a lower cost. When stacked as shown, these 2 units take on the appearance of a receiver while maintaining all the sonic benefits of separates. Come in for a demonstration soon.

Tandberg's world-famous European superiority in designing the finest audio equipment may not be appreciated by everyone. However, for those discriminating individuals whose high performance requirements cannot be met by a mass production approach - be it an automobile or audio gear - Tandberg is their logical choice.

The Series 3000A stereo components shown here are the finest Tandberg has ever produced in its 50 years of audio experience.

The mass production of Integrated Circuits (ICs) has made "impressive specs" easy and inexpensive to achieve. As a result, the vast majority of high fidelity products have been designed for the least costly production techniques and "printed" specifications in mind ... but not necessarily for the accurate reproduction of music.

For example, Tandberg's research showed that conventional electrolytic capacitors used by virtually all other manufacturers typically exhibit 5% or more dielectric absorption. This means that 5% of the musical signal is "memorized" and superimposed on the following signals, producing audible distortion. To prevent this, Tandberg engineers replaced electrolytic capacitors with more expensive polystyrene and polypropylene units, reducing dielectric absorption losses to only 0.05% ... an improvement on the order of 100 to 1!

In addition, ceramic capacitors commonly used in most audio circuits change value with the voltage applied to them, creating phase shift in the higher frequencies, as well as a harsh or metallic sound character. Tandberg engineers replaced the traditional ceramic capacitors in all signal-carrying stages with higher quality polyester units, eliminating phase shift and sound problems entirely.

This advanced engineering has resulted in upgrading of literally hundreds of electrical components in the outstanding Series 3000A. The new TPT 3001A Programable Tuner offers a significant audible improvement over the original TPT 3001, which itself had been considered *the* finest FM tuner in the world. The TCA 3002A Preamplifier offers a superb balance of practical flexibility and the same sonic improvements, and includes a "true" Digital input that allows up to 20 volts of signal without overload for use with the most demanding of tomorrow's source material. The TPA 3006A Power Amplifier, offering 150 watts RMS per channel (both channels driven into 8 ohms, 20 Hz to 20 kHz, with less than 0.02% THD), is a high current design, offering no negative feedback and high speed performance in an efficient package no larger than its matching Preamplifier and Programable Tuner.

With Tandberg's Series 3000A, compromise in any link of the audio electronics chain becomes a problem of the past.

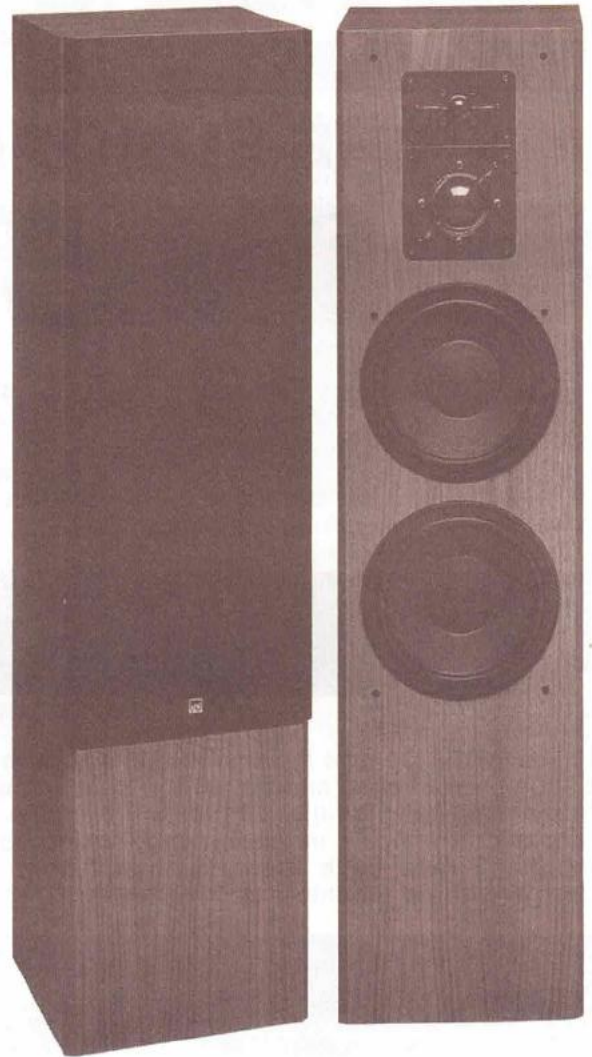
If your musical requirements cannot be satisfied with mass production, only Tandberg has the high fidelity products to satisfy today's discretionary consumer ... that individual who expects outstanding performance, quality and stable value.



NEW, DIFFERENT, BETTER ANALOG & DIGITAL SYSTEMS

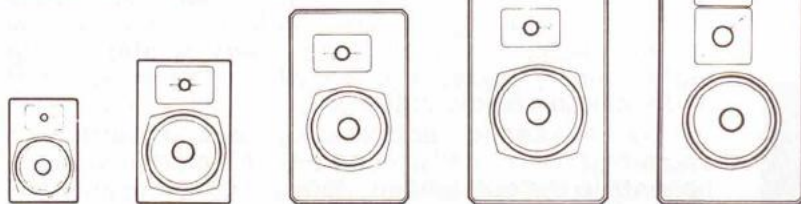
Digital recording and playback systems have radically altered the dimensions of loudspeaker performance. From the tiny L200 to the superb L1590, all ADS speakers are designed to reproduce the most subtle musical detail, to precisely image instrument placement, to handle the wide dynamic range that digital recording requires. Not only does ADS rigorously design and build each speaker for maximum performance, but also each enclosure is finely finished with the detailed craftsmanship that makes an ADS speaker as satisfying to see as it is to hear.

ADS makes three tower speaker systems: the L1090, the L1290 and the L1590. The tower shape occupies very little floor space for versatile placement. Each system contains two woofers, made of Stifflite material for accurate bass response. The midrange and tweeter are made of a strong woven fabric and treated with a damping compound which seals the domes and contributes to their superior transient accuracy and detailed, solid imaging. Each cabinet enclosure is fully finished on its five visible sides in matched genuine walnut. The L1290, pictured at right, is an excellent value that will greatly enhance any stereo system. **Priced from \$500.00 to \$1050.00 each.**



ADS Model L1290. \$649.50 each

LISTEN - YOU WON'T BELIEVE YOUR EARS



- | | | | | |
|---|---|--|--|--|
| L300
\$169.50
*Convex steel grille | L400
\$199.50
*Convex steel grille | L470
\$159.50 walnut vinyl
\$159.50 black | L570
\$199.50 black
\$219.50 walnut | L780
\$299.50 black
\$319.50 walnut |
|---|---|--|--|--|

GOOD SOUND CAN COME IN SMALL PACKAGES

ADS ATELIER—

ADS high-performance audio components are thoughtfully designed for easy use and blend beautifully into any decor, either on a special stand or any shelf. The Atelier turntable is semi-automatic and made of a special non-resonating material, for better isolation; the full-featured receiver offers digital tuning and 35 watts per channel, enough for most living rooms; the cassette deck is an exquisite front-loader whose door glides out to accept the tape, with a frequency response of 30-18,000 Hz. Future components will always coordinate with this basic built in. **\$1195.00 plus floor stand.**



ALL ADS SPEAKERS NOW ON DISPLAY FOR YOUR EVALUATION



Compact Disc Players A New Generation of Technology

Kyoto Ceramics of Japan, the world's largest maker of ceramics for industrial applications, put its ceramics technology toward creating a remarkable line of high-fidelity audio components. Now, The Stereo Shop is proud to make available Kyocera's state-of-the-art compact disc players for its customers, as well as the receivers, tape decks and turntables we've been offering for the past three years. Excellent sound; rugged, reliable construction - Kyocera audio components are for the audiophile of the 1980s.



Kyocera DA-910 Disc Player

The Kyocera DA-910 is a no-holds-barred compact disc player that has totally eliminated the problem of unwanted vibration, of which the merest hint can create tracking errors and even mistracking. With a base chassis made of Ceramic Compound Resin (CCR), the DA-910 offers resonance-free performance, paying special attention to eliminating feedback.

The high-performance dual digital to analog converter that Kyocera developed is responsible for the exhilaratingly realistic sound the DA-910 delivers. Dual digital filters with 4-time oversampling contribute to the DA-910's extraordinary performance. Extensive use of anti-magnetic material throughout, a direct-coupled DC servo-amplifier (removing capacitors from the

signal paths) demonstrate that Kyocera has spared no effort to sidestep any possible impediment to accurate sound reproduction. A wealth of features include an 8-mode wireless control, 24-selection programmability, random-access program selection, and much more. **Price \$1595.00**



Kyocera DA-810 Disc Player

Kyocera's other compact disc player offers all the performance of the DA-910, but without the ceramic base and wireless remote control. The same anti-resonance construction, digital filtration, DC servo amplification and dual D/A converters contribute to the DA-810's sonic excellence. The DA-810 features signal-to-noise ratio of over 95 dB, frequency response of 5-20,000 Hz (± 0.5 dB), 20-selection programmability, memory recall and much more. **Price \$950.00**

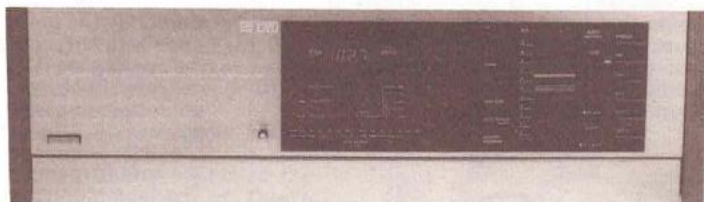
Kyocera Receivers

All three Kyocera receivers have one thing in common: excellent sound! Kyocera technology, discrete circuitry design and rugged construction for real-world use make the difference. Well-built, long-lasting: there is a receiver for the 1980s that is built with pride and craftsmanship - Kyocera! Choose among three nearly identically constructed receivers, from 45 watts per channel to 85 watts per channel. The power amplifiers all use MOSFETs, the new breed of output transistors that can handle the transient requirements of digital sound. Engineered with discrete circuitry for ultra-quiet, reliable performance, each Kyocera receiver is a high-quality component with electronic digital quartz lock tuning, auto station seek and 14 programmable station selection.



Kyocera R-451 Receiver

This new receiver from Kyocera features a MOS-FET power amplifier. MOS-FET's are the new breed of output transistors that can handle the transients requirements of present day sound and tomorrow's digital sound. This amplifier is rated at 45 watts per channel. This receiver also features electronic digital quartz lock tuning with auto station seek and 14 programmable station selection. **\$550.00**



Kyocera R-651 Receiver

The design of the R-651 features an advanced technology to provide superb performance. Its Quartz locked electronic tuning with 14 programmable station memory; automatic scan and seek tuning and independent tone equalizer for bass and treble. The amplifier section features MOS-FET power amps; which are a new breed of output transistors that can handle the transients and power surges of present day sound. The R-651 delivers 65 watts per channel. **\$730.00**

THORENS ANNOUNCES

THE FIRST 5-YEAR GUARANTEE IN TURNTABLE HISTORY

To guarantee the performance of a turntable for a period of more than 1 or 2 years was unheard of in the audio industry until now. Thorens, the Swiss builder of precision transcription turn-

tables, is now offering an unprecedented 5-years parts and labor guarantee (that is transferable) on their new Isotrak turntables. A guarantee that few manufacturers are likely to match...they simply can't.



Thorens TD 115

The Thorens TD 115 turntable offers excellent performance at a very affordable price of \$435.00. Stereo Review said: "The Thorens TD 115 brings many of the features and basic performance characteristics of the much more expensive TD 126 to a price range affordable by most audiophiles...The unweighted rumble of the TD 115 was lower than that of any direct-drive turntable presently on the market, so far as we know". The TD 115 comes with the Isotrak TP 30 Plug-In tonearm and has friction-free velocity sensing electronic shut-off at the end of a record. The platter is spun by a servo-controlled electronic belt driver system with DC motor. Load correcting automatic pitch control assures precise record speed and a pitch control with illuminated stroboscope allows for user speed adjustment of + or - 6%. Specifications: Wow and Flutter...0.05% (DIN 45507); Rumble weighted...75dB (DIN 45539). **\$435.00**

Thorens TC 126 MkIII

The flagship of the Thorens turntable line is the TD 126 MkIII - without a doubt, one of the finest turntables available today. The Thorens TD 126 MkIII turntable comes with the TP 16 Isotrak Plug-In tonearm. It is a belt drive turntable utilizing a DC motor with 72-pole tachogenerator for precise speed control. The unique suspension system of the TC 126 is so good, Stereo Review, July 1979 said: "The Thorens TD 126 was the most thoroughly isolated turntable we have ever measured". Friction-free velocity sensing electronic shut-off is another unique Thorens feature on the TC 126 MkIII. Specifications: Wow and Flutter...0.04% (DIN 45507); Rumble weighted...78dB (DIN 45539). **\$800.00**



ADCOM

- A COMMITMENT TO EXCELLENCE

Adcom components are functional and uncluttered. Innovative engineering, meticulous craftsmanship and uncommon value contribute to Adcom's burgeoning reputation as a manufacturer of audio components par excellence. Tuners, power amplifiers, cartridges, preamplifiers and a switchbox: that's all Adcom makes, so they can make each one the best they can for years of reliable operation. The faithful reproduction of music is a maxim Adcom takes very seriously, and nothing has been spared to insure the highest quality standards. Adcom's commitment to component excellence is apparent when you turn them on.



GFT-2 Tuner

The GFT-2 is a high-quality FM digital tuner that is 14 station programmable with auto scan. Providing truly outstanding reception, the GFT-2 provides excellent sonic performance for the FM radio aficionado. **Price \$250.00**



GFP-1A Preamplifier

The control center of the audio system, the GFP-1A preamplifier is designed to cope with virtually every operating or listening condition you might expect to encounter. Features include defeatable tone controls, super-low-noise input for CD player or VCR Hi-Fi, separate phono preamps and loudness contour reflecting the latest research into psychoacoustics. The tape monitor is extremely flexible. You can record from any input source or dub from one tape deck to the other while listening to any other input source. **Price \$375.00**



GFA-2 Power Amplifier

The superior performance of the GFA-2 power amplifier is the result of Adcom's design and engineering innovations to ensure high imaging. The output section of the GFA-2 uses the finest state-of-the-art high speed output transistors. Because of their speed, they are extremely linear and high a high quality of sonic dimensionality. 100 watts per channel into 8 ohms, from 20-20,000 Hz with less than 0.5% THD. **Price \$375.00**



GFA-555 Power Amplifier

The GFA-555 employs the same separate power supplies as the GFA-2, totally DC-coupled from input to output. DC coupling allows the amplifier to pass low frequency signals without phase shift, resulting in superior bass performance. The GFA-555 employs a multistage protection circuit for amplifier and speaker protection, which is a good idea, for the GFA-555 is 200 watts per channel, 20-20,000 Hz into 8 ohms with less than 0.5% THD. **Price \$550.00**

Boston-Bred Refinement

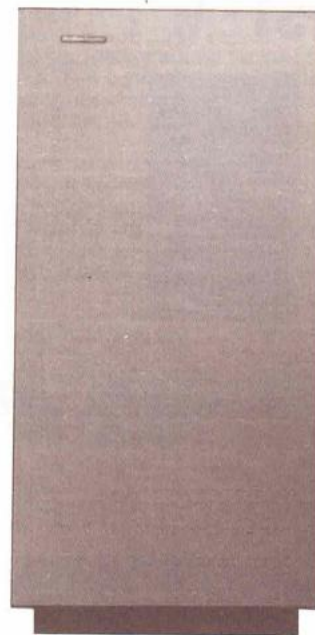
In the mid 1950's it all began with a company in the Boston area, Acoustic Research. Shortly afterward some of AR's people left and founded another well known speaker company, KLH. KLH in turn gave rise to Advent. From Advent came the people who founded Boston Acoustics. We are proud to carry a part of that Boston tradition, a tradition of clean accurate sound and good value.

Boston Acoustics' current product line includes six loudspeakers designed to deliver the highest level of performance in the wide range of home listening rooms. As a result of extensive research in cabinet design, in-house manufacture of critical drivers and crossovers and skillful tonal balancing, Boston Acoustics loudspeakers offer the best combination of efficiency, dispersion, imaging and ease of placement in home use.

Boston Acoustics has become a major factor in home hi-fidelity in just over five years. To hear any Boston Acoustics Loudspeaker is to know why.

Come in and see the complete line of Boston Acoustic Speakers. Prices start at \$75.00 each.

On display for your evaluation



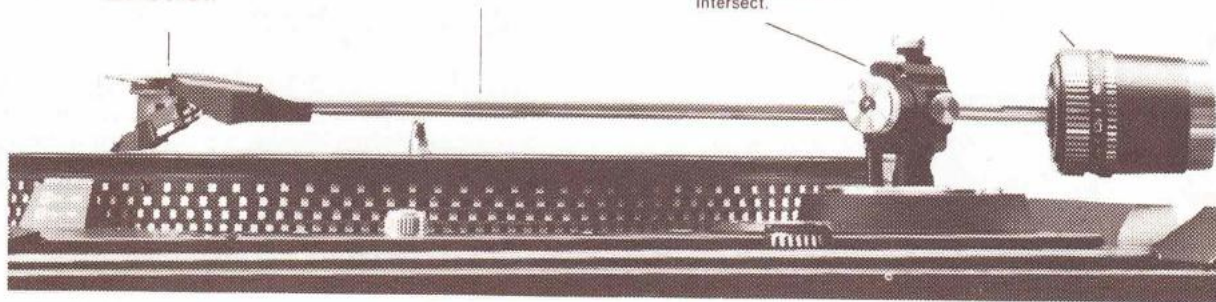
A-150 \$495.00 ea.

Ortofon cartridge weighs only 2.5 grams, including mounting bracket and hardware.

Straight-line tubular design provides maximum rigidity with low mass.

Four-point gyroscopic gimbal centers tonearm mass precisely where vertical and horizontal axis intersect.

Dual®



If you own even one warped record you'll appreciate Dual's new Ultra Low Mass tonearm & cartridge system

That's not a big "if."

Most records manufactured today are warped. And even when the warps are barely discernible, they interfere with accurate tracking.

The stylus must follow the groove whether it's flat or warped. The heavier the tonearm and cartridge, the more the stylus will tend to dig in when it rides up the warp and to lose contact on the way down.

Conventional tonearms and cartridges have a total effective mass of approximately 18 grams. (some are even higher.) Dual's new Ultra Low Mass (ULM) tonearm and cartridge system has a total effective mass of 8 grams. The difference this makes in record playback is audible and measurable.

The high inertia of a 18-gram tonearm and cartridge combination can cause tracking force to vary as much as 30 percent. And a warp as small as 1.5 mm (not unusual in new records) can generate harmonic distortion of 2.7 percent.

That's audible!

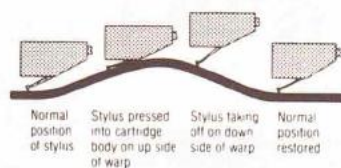
Tracking the same record under the same condition, the new Dual ULM tonearm and cartridge system reduces harmonic distortion to only 0.01 percent. That's 270 times less!

ULM not only improves the overall sound quality but significantly extends stylus and record life. What makes ULM possible is the superior design and engineering of Dual's straight-line tubular tonearm with its four-point gyroscopic gimbal suspension - and its ability to accept a cartridge weighing as little as 2 grams. The new ULM cartridges - made by Ortofon to Dual specifications - weigh only 2.5 grams, including mounting bracket and hardware.

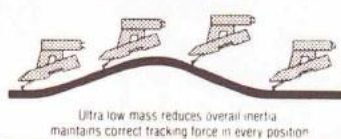
To experience the demonstrable advantages of ULM bring a warped record to The Stereo Shop. Listen to it play with the new ULM tonearm and cartridge.

Dual Turntables start at \$129.95.

Conventional tonearm and cartridge



ULM tonearm cartridge system



TOP: Stylus angle and tracking force in conventional 18-gram tonearm constantly change when riding up and down the warp.

BOTTOM: In ULM system, stylus follows warp easily, maintaining consistent tracking accuracy

STEREO SHOP CUSTOM MATCHED SYSTEMS

SYSTEM 1



ADS R1 Receiver

The ADS R1 receiver, part of ADS' innovative Atelier series, is a beautifully designed digital receiver that complements any decor as well as delivering superlative performance. With 10 programmable station selection, the R1 features a rotary knob for manual station selection instead of a button, combining the accuracy of digital tuning with the "feel" of an analog dial. The R1 is rated at 35 watts per channel RMS into 8 ohms, 20-20,000 Hz at 0.05% THD.

ADS P2 Turntable

The P2 turntable, also part of ADS' Atelier series, is a semi-automatic, direct-drive design that displays impressive trackability and very low wow and flutter. All controls are accessible with the dustcover closed. With its simple, thoughtful design and superior performance, the P2 is an attractive, high-tech turntable. ORTOFON OM-5 cartridge included.

Boston Acoustics A-70 Speaker

The A-70 contains an 8-inch acoustic suspension woofer and a 1-inch dome tweeter, both designed and built by Boston Acoustics itself. The woofer uses a low-mass, low resonance vacuum-formed cone with smooth, peak-free response uncolored by cone breakup. Above the 2000 Hz crossover point, the dome tweeter covers the rest of the spectrum. To improve heat dissipation and ensure that the impedance and frequency response remains unvarying, Boston Acoustics injects ferro-fluid into the voice coil gap. The ferro-fluid serves the triple functions of lubricating and cooling the voice coil gap while damping the tweeter at its resonance point.

The Complete System \$950.00 Less Trade

SYSTEM 2



Kyocera R-451 Receiver

Rugged reliable excellence in an inexpensive receiver. The Kyocera R-451 features MOS-FET power amplifiers, today's breed of output transistors that can handle the transients requirements of digital sound. Rated at 45 watts per channel minimum RMS into 8 ohms from 20-20,000 Hz at 0.01% THD, the R-451 also incorporates electronic digital quartz-lock tuning with auto station seek and 14 programmable station selection.

Dual 530 Turntable

The Dual 530 offers a precision motor/drive system utilizing a heavy duty hysteresis synchronous motor that maintains exact speed accuracy while a precision belt drives the dynamically balanced platter. Also, Dual engineers eliminated every gram of mass possible by designing a straight tonearm for an integrated control system. The Dual 530 provides a fully automatic start for ultimate convenience. ORTOFON OM-5 cartridge included.

Boston Acoustics A-100 Speakers

The Boston Acoustics A-100 is a two-way high fidelity speaker system capable of reproducing the deepest and highest tones in recorded and broadcast music. It contains an acoustic suspension 10" bass driver and the Boston Acoustics CFT high frequency unit in an enclosure of optimum volume and shape. The two driver units in the A-100 were designed by and are manufactured at Boston Acoustics. Frequency response is 38-25,000 Hz \pm dB. Power rating 75 watts nominal, 150 peak.

The Complete System \$1095.00 Less Trade

SYSTEM 3



Kyocera R-651 Receiver

A significant step up from Kyocera's R-451, the superb R-651 features quartz-locked electronic tuning with 14 programmable station memory; automatic scan and seek tuning and independent tone equalizer for bass and treble. The amplifier section includes MOS-FET power amplifiers which can handle the transients and power surges in digital sound. The R-651 delivers 65 watts per channel RMS into 8 ohms, both channels driven, from 20-20,000 Hz with no more than 0.015% THD.

Thorens TD-166 MkII Turntable

A system with a Thorens turntable! Thorens of Switzerland, long acknowledged to be one of the premier turntable manufacturers on earth, offers the TD-166 MkII as part of its fine line. With Thorens floating suspension, a 16 pole two-phase synchronous motor, and the Thorens ISOTRACK TP11 tonearm, this belt-drive, manually operated Thorens turntable has ultra-low wow and flutter, low-mass tracking, and isolation from resonance for the serious audiophile. ORTOFON OM-10 included.

Boston Acoustics A-150 Speakers

The Boston A-150 Series II is a three-way high fidelity speaker system that can reproduce the entire range of audible tones in music at higher acoustic levels and with greater accuracy than is possible with two-way systems. It contains a 10" acoustic suspension bass driver, a 3 1/2" midrange element and the famous CFT 1" tweeter within an enclosure of optimum volume and shape. Frequency response of this natural-sounding loudspeaker is 38-25,000 Hz \pm 3 dB. Power rating is 100 watts nominal, 200 watts peak.

The Complete System
\$1050.00 Less Trade

STEREO SHOP Custom Matched Systems are Protected for 5 Years

CUSTOM MATCHED HIGH PERFORMANCE SYSTEMS

SYSTEM 4



The Complete System
\$1995.00 Less Trade

Kyocera R-851 Receiver

Kyocera's premiere receiver, the R-851, is also its most powerful. Delivering 85 watts per channel continuous RMS into 8 ohms both channels driven 20 to 20,000 Hz with no more than 0.015% THD, the R-851 offers the pure and distinctive sound typical of MOS-FET power amplifiers, today's fast output transistors. The tuning section is also pure Kyocera, quartz-locked electronic tuning with 14 programmable station memory. Independent tone equalizers too, for bass, midrange and treble.

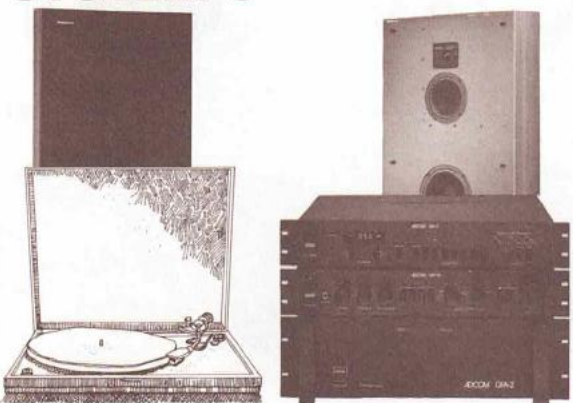
Kyocera PL-601 Turntable

Kyocera, through its ceramics technology, has come up with an excellent turntable, the PL-601. Conveniently semi-automatic, the PL-601 features belt drive and a dual suspension system to eliminate vibration. The subchassis is constructed from Kyocera's revolutionary CCR (Ceramic Compound Resin) to isolate the turntable itself. Kyocera's ultra-high quality, low-mass tonearm is mounted to derive maximum performance from any high-quality low mass cartridge. We include the Ortofon OM-10 cartridge.

ADS L880 Loudspeakers

ADS (the acronym for Analog & Digital Systems) has created a speaker in the "classic" 10-inch 3-way acoustic suspension format that has earned the respect of serious listeners. The L880 features the patented ADS Stiffilite Linear Drive woofer. The unique Stiffilite cone has a high rigidity-to-mass ratio for low coloration and quick transient response. ADS' soft dome midrange (2.0") and tweeter (0.75") incorporate technology resulting in unsurpassed accuracy in mid- and high-frequency performance. Both domes are made of a soft woven material both low in mass for transient response and rigid for low distortion. A high-gravity magnetic cooling fluid extends the tweeter's dynamic range and raises its maximum output capability. Frequency response: 40-27,000 Hz, ± 3 dB.

SYSTEM 5



The Complete System
\$2195.00 Less Trade

Adcom GFP-1A Preamplifier

The Adcom GFP-1A preamplifier, the control center of your audio component system, includes a built-in headphone amplifier, defeatable tone controls, separate preamps for each of the two phono inputs, and a highly versatile tape monitor. With it you can record from any input source or dub from one tape deck to another while listening to any other input source.

Adcom GFT-2 Tuner

The GFT-2 can program up to seven FM and seven AM stations and includes a scanning feature for ease of use. The GFT-2 will provide truly outstanding reception.

Adcom GFA-2 Power Amplifier

The superior performance of the GFA-2 power amplifier is the result of Adcom's design and engineering innovations. The output section uses the finest state-of-the-art high speed output transistors. They are extremely linear and have a higher quality of sonic dimensionality. 100 watts per channel RMS into 8 ohms, 20-20,000 Hz with less than 0.05% THD.

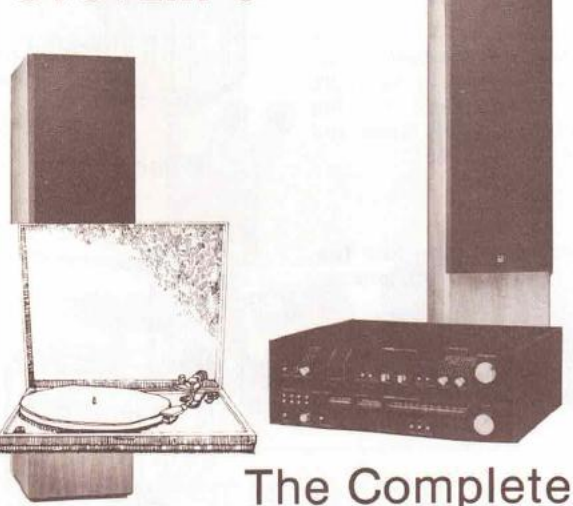
Rega Planar 2 Turntable

Looking at a Rega turntable, you will notice a distinct absence of gimmicks and gadgets found on other turntables. Concentrating more on high quality, thus achieving far better music reproduction than a turntable designed only to perform well into test equipment. The Rega turntable is therefore a synergism: the overall sonic achievement is greater than the sum of its parts. ORTOFON OM-10 cartridge included.

Boston Acoustics A-400 Speaker

The Boston Acoustics A-400 speaker system reproduces the full ten octaves of audible frequency range with very high sonic accuracy, precise stereo imaging and very low distortion at all listening levels. Its wide dispersion over the whole frequency range helps produce large-as-life, detailed transparent sound. Frequency response 36-25,000 Hz. Sensitivity: 1 watt produces 91 dB at 1 meter. This speaker is one for the most demanding audiophile.

SYSTEM 6



The Complete System \$3495.00 Less Trade

Tandberg 3011A Tuner and 3012 Integrated Amplifier

Tandberg of Norway has long been regarded as one of the finest designers and manufacturers of audio equipment in the world. The 3011A programmable FM tuner is perfect for exacting audiophiles. It includes 8 programmable FM station selection and a free-tuning system with a 12-bit processor. The Tandberg 3012 integrated amplifier is 100 watts per channel RMS into 8 ohms, 20-20,000 Hz at 0.015% THD. When stacked, these two units take on the appearance of a receiver while maintaining all the sonic benefits of separates.

Rega Planar 3 Turntable

Rega's ultimate turntable, the Planar 3 is a precision belt-drive turntable and tonearm combination. With a thick glass platter and ultra-laminated anti-resonant deck, the Planar 3 has been carefully designed without regard to cost to give the listener maximum performance in playing vinyl recordings. ORTOFON OM-20 cartridge included.

ADS L1290 Speaker

Analog and Digital Systems L1290 speaker is a tower shape that makes positioning easy in any room. Two 8.3" woofers, made of Stiffilite material, provide nearly the cone area of a 12" driver, but in a much slimmer enclosure. These cones are rigid for true piston behavior, light for excellent transient response, and well-damped for low distortion and freedom from coloration. The dome midrange and tweeter are made of soft, woven fabric and treated with a compound that seals the domes and contributes to superb transient accuracy and power-handling. The enclosure is fully finished on its five visible sides with fine, matched genuine walnut. Frequency response: 40-27,000 Hz, ± 3 dB.

Functional Approach

The electronics industry is continuously introducing new audio and video equipment to the consumer, which in turn create storage and display problems in the home. CWD believes form follows function. Their products function to provide an ideal environment for your home electronics.

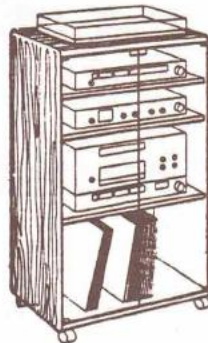
Woodmore cabinets consist of select solid wood side panels, wood veneer tops and bottoms (to help reduce resonating) with a 1" solid wood edge and matching shelves. The cabinets are available in Natural Oak, Dark Oak, and Natural American Walnut. All CWD Products are hand finished in Watco oils and hand waxed.

C.W.D.'s craftsmanship and design excellence reflect their ability to provide the finest line of electronics furniture in the world.

The optional grouping and stacking accessories offer an endless number of combinations that allow your home entertainment center to grow as your audio and video electronics, and lifestyle, demand. Adding options and accessories such as the cassette or video tape drawers, glass doors, wine accessory, and new wood doors gives your entertainment center that personalized touch that others don't offer.

NOW ON DISPLAY AT THE STEREO SHOP

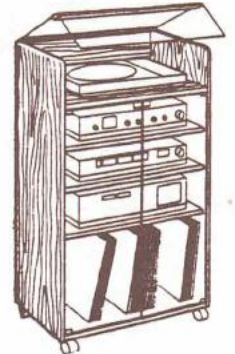
The finest furniture we've seen - modular furniture you can expand at any time. The Stereo Shop has set up these fine cabinets on display. They have to be seen to appreciate the high quality of craftsmanship. Come by today and see why you should own Custom Woodwork & Design!



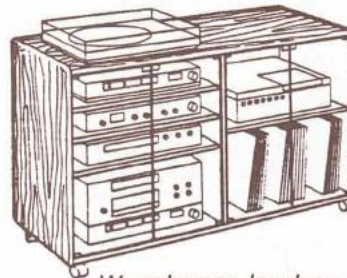
42" Woodmore cabinet



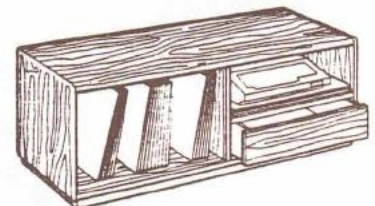
30" Woodmore cabinet



Glass lid cabinet



Woodmore lowboy cabinet



Entertainment Table

Accessories

Custom Woodwork and Design offers these accessories to enable you to modify your Woodmore cabinets to suit your individual needs. Accessories and extra shelves come in all three finishes and can be added at anytime.



Slide out shelf Measures 2 1/4" high and has a continuous pull. It extends 10 inches to hold a turntable or video player.



Stacking Rail A 3/4 inch rail system that attaches to the bottom of the unit to be stacked. Available for all CWD cabinets.



Leveling Base A leveling system designed to group up to 5 Woodmore cabinets. This accessory

allows you to purchase a high quality wall unit as your budget allows, or as your electronics and lifestyle demand.

Wood doors Solid oak or walnut doors with contoured handles and fully adjustable European hinges.

Glass doors Bronze tempered glass doors are available for all CWD cabinets.



Wood Base A 1 3/4 inch rail system that attaches to the bottom of the cabinet for stability. Available for all CWD cabinets.



Cassette drawer Solid wood drawer measures 4 3/4 inches high, including support shelf. It holds up to 72 cassettes or record care products and has removable dividers.



Video Tape drawer Solid wood drawer measures 6 1/4 inches high, including support shelf. It holds up to 24 Beta or VHS tapes and has removable dividers.



Video Cube

Compact Disc drawer See The Stereo Shop for specifications.

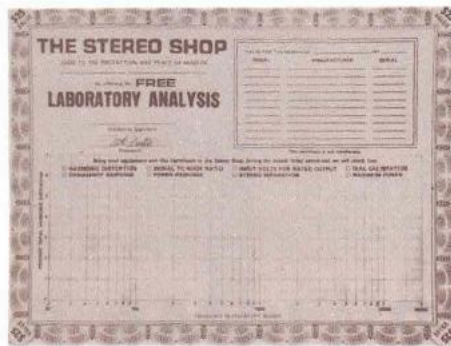


Wine Rack This option includes wood supports for 14 bottles, wood rails for hanging 15 glasses and matching oak or walnut back.



21" Woodmore cabinet

WHEN YOU BUY A STEREO FROM THE STEREO SHOP YOU GET: LONG TERM PROTECTION



THE STEREO SHOP PROVIDES YOU WITH THE BEST SOUNDING STEREO EQUIPMENT AND THE MOST PROFESSIONAL SERVICE

TURNTABLE CALIBRATION

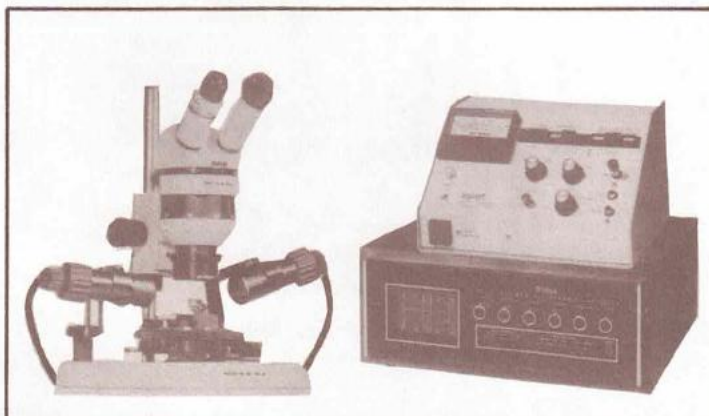


THE STEREO SHOP CALIBRATES ALL RECORD CHANGERS AND TURNTABLES

WE mount the phono cartridge in every turntable and changer we sell to insure that it is mounted correctly. The final phase of calibration is to set anti-skate and tonearm weight electronically with an oscilloscope and very special test record to insure maximum trackability along with a substantially reduced needle wear. No two changers, even of the same make and model, set up alike. In fact, settings vary up to 30%. Optimizing the settings with this instrument can easily double or triple record life.

THE STEREO SHOPS' CONTINUING CARTRIDGE CLINIC PROTECTS YOUR RECORD INVESTMENT

CALL 521-7250 FOR YOUR APPOINTMENT.



YOU CAN NOT BUY A DEFFECTIVE NEEDLE FROM THE STEREO SHOP.

To assist you in protecting your record collection, we have invested in this \$7,500 stylus inspection turntable calibration center.

THIS SYSTEM ALLOWS US TO PROVIDE YOU WITH THE FOLLOWING SERVICES:

- 1) STYLUS INSPECTION
 - a) Check for defects in diamonds
 - b) Check for correct stylus mounting
 - c) Check for off-axis cantilevel
- 2) CARTRIDGE ANALYSIS
 - a) Channel balance
 - b) Channel separation
 - c) Output signal level
- 3) ADJUSTMENT OF TONEARM FOR MAXIMUM PERFORMANCE
 - a) Check phasing
 - b) Calibrate tracking force
 - c) Adjust anti-skating

EVERY TURNTABLE BROUGHT IN RECEIVES THE ABOVE SERVICES.

REMEMBER... FREE AMPLIFIER CLINIC

**Thursday, June 13th
12 Noon to 7:00 P.M.**

**Friday, June 14th
12 Noon to 5:00 P.M.**

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Pioneer, Tandberg, Nakamichi and Concord are just a few of the major companies who have praised the cleaning ability of new 711 head cleaner. 711 Intra-Clean contains no alcohol, leaves no residue and actually conditions the rubber used in pinch rollers! "The best cleaner we have ever used...711 works completely and quickly. It doesn't dry-out pinch rollers like most alcohol based cleaners do."

ONLY \$6.95!!!

Discwasher D4 Record Care System



Has a specially designed fabric pad mounted on a milled hand finished walnut handle. A cavity in the handle holds the D4 fluid and DC-1 Pad Cleaner. The Fabric pad picks up rather than lines up lint and microdust from record grooves. The fluid removes fingerprints and common disc contaminants, yet is safe for the vinyl additives necessary for long record life. A must for your record collection. Reg. \$16.50. On Sale for \$14.25.

Discwasher SC-2 Stylus Cleaner



A precision instrument with a large diameter nylon brush and a magnifying mirror which retracts into a walnut case. The calculated density of the nylon brush provides thousands of cleaning tip surfaces for proper and convenient stylus cleaning. If you don't have one, your stylus is probably dirty. \$8.50.

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