

P 60 61 PILLOT

STEREOPHONIC
HIGH FIDELITY
INSTRUMENTS

Founded 1919 • Pilot Radio Corp., 37-06 36th Street, Long Island City 1, N.Y.

Samsels TV
1305 Tennessee Street • Vallejo, California

**QUALITY
IS
MORE THAN
JUST A
WORD
AT
PILOT!**

During 41 years as a manufacturer, first of radios, then television, and now high fidelity instruments, Pilot's prime engineering and production criteria have been quality and service to the consumer.

In 1952, Pilot, then a leading component manufacturer, announced plans to develop a console capable of the same quality high fidelity music reproduction then available only to the component system owner. After two years of intensive design engineering, Pilot introduced the first of the now world famous "Component-Consoles". For the first time the electronic and speaker components that knowledgeable audiophiles used and respected were combined in a console cabinet which was itself an intrinsic part of the total acoustical design.

The introduction of the "Component-Console" was only the first step in a continuing development program aimed at improving home music reproduction. As early as 1955 Pilot engineers were experimenting in the new field of stereophonics. Literally thousands of engineering hours went into the development of a "Component-Console" capable of reproducing both existing monophonic record libraries and the new stereophonic records.

Convinced that stereophonics would add a new and exciting dimension to the enjoyment of music, in 1958 Pilot concentrated all of its engineering and production facilities on the exclusive development and manufacture of stereophonic high fidelity instruments. Out of this intensified development program came a new concept in stereophonic music reproduction. A concept that made it possible for Pilot to produce the Curtain-of-Sound. And, now in its 1961 models, Pilot offers the most universally flexible series of stereophonic high fidelity "Component-Consoles" ever.

Even this comprehensive catalog can give you only part of the Pilot story. No description could possibly match the real experience of hearing music reproduced on a "Component-Console". If you truly love music then you owe yourself a visit to your nearest authorized Pilot dealer.



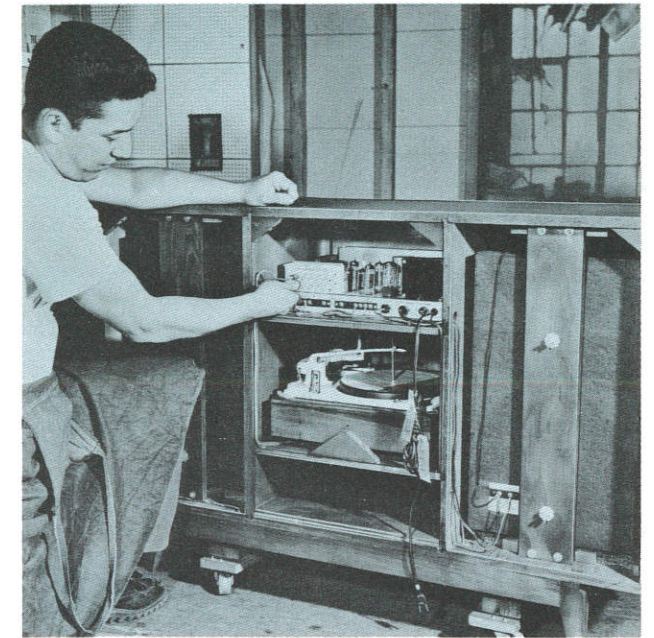
◀ **"COMPONENT-CONSOLE" ASSEMBLY** ▶

A "Component-Console" is just that. No short cuts. No corner-cutting modifications. No catchpenny gimmicks. The self-same Pilot components bought by audiophiles for use in their rigs are carefully fitted into Pilot console cabinets.



◀ **RIGID QUALITY CONTROLS**

Advanced engineering and manufacturing techniques are your best assurance of quality. At Pilot the process of building-in quality begins during the design stages when experienced engineers select and specify the best materials for each job. Before any component leaves the factory it is thoroughly tested to insure it meets or exceeds Pilot's published performance specifications.



◀ **PILOT'S OWN CABINET SHOP**

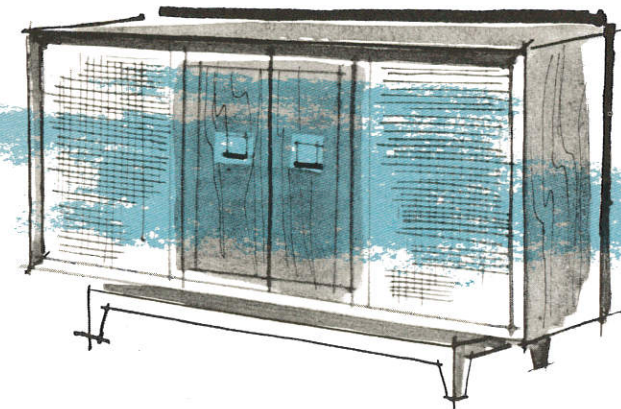
In addition to being a fabulous music reproducing instrument, a "Component-Console" is a fine example of the cabinet maker's art. In Pilot's own cabinet shop each console is meticulously crafted and hand finished to insure Pilot quality outside as well as in.

**PILOT'S EXPERIENCE
AND SKILL
IS YOUR ASSURANCE
OF QUALITY!**

STEREO
"As You Like It"
 by
Pilot

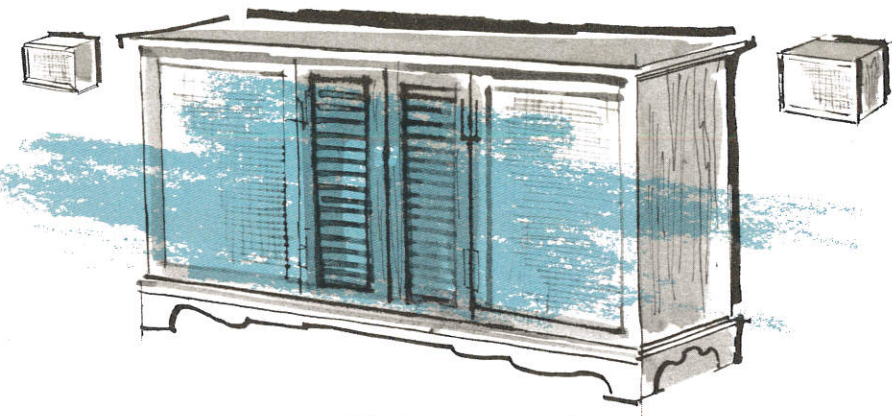
The advent of stereophonics has made it possible to recreate, in your home, the exact sound of the original performance. If you were in the audience at that original performance certain of the instruments would be on your right and others would be on your left. Of these, some would be close to the front of the stage, others would be nearer the back. The music you'd be hearing would be affected by both distance and direction. Listening to the same music reproduced on a stereophonic instrument you will hear the same richness and clarity of tone affected by the same distance and direction. Your stereophonic console becomes your sound source or stage. Although the console by itself delivers full stereophonic performance regardless of the listening room size, individual tastes may dictate a need for a broader sound source. In such cases these individuals might find it desirable to broaden the sound source with the addition of extra speakers.

Now, in its 1961 models, Pilot offers you complete functional versatility to give you—Stereo "As You Like It."



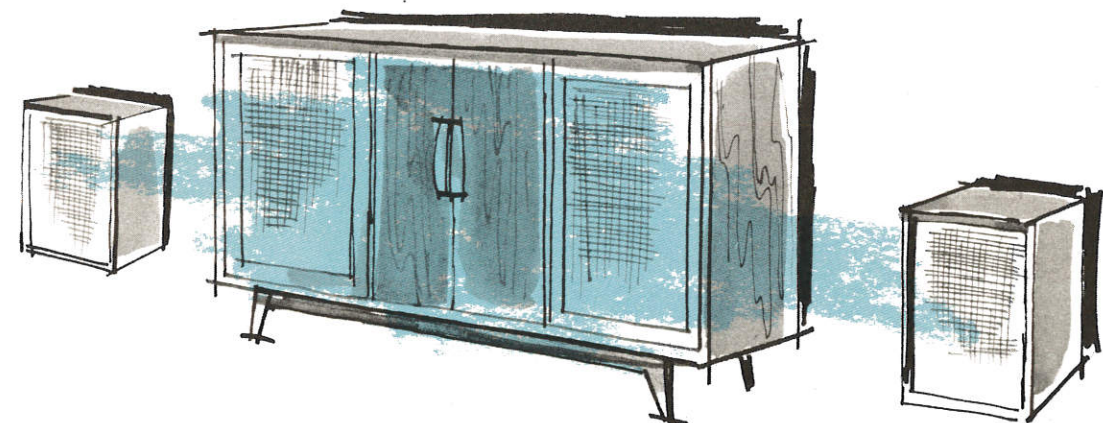
The Stereophonic High-Fidelity "Component-Console"

The Pilot "Component-Console" by itself represents a true achievement in the stereophonic art. The precision components insure distortion free performance. The two full range speaker systems deliver the full richness of stereophonic music. In any room the "Component-Console" as a self-contained stereophonic instrument will afford you and your family years of matchless music listening enjoyment.



Pilot's Stereo-Vista

For the larger room where a speaker separation of ten to twelve feet might be desirable the "Component-Console" is ready for expansion at moderate cost. With the simple addition of two ultra-compact Stereo-Vista speaker systems and a flick of a switch you immediately broaden your sound source. Each Stereo-Vista measures only 8¼" high x 10½" wide x 4" deep. And, you still have a complete self-contained instrument that can be further expanded as the need arises.



Pilot's Curtain of Sound

For the room where space is not a problem and where a sound source of twenty feet or more might be desirable. Nothing can compare with Pilot's Curtain-of-Sound. This realistic big room music reproduction is achieved by flanking a self-contained "Component-Console" with two full range speaker systems. This year, because of Pilot's unique speaker system design, the Curtain-of-Sound can be created with compact, room saving PSV speaker systems.

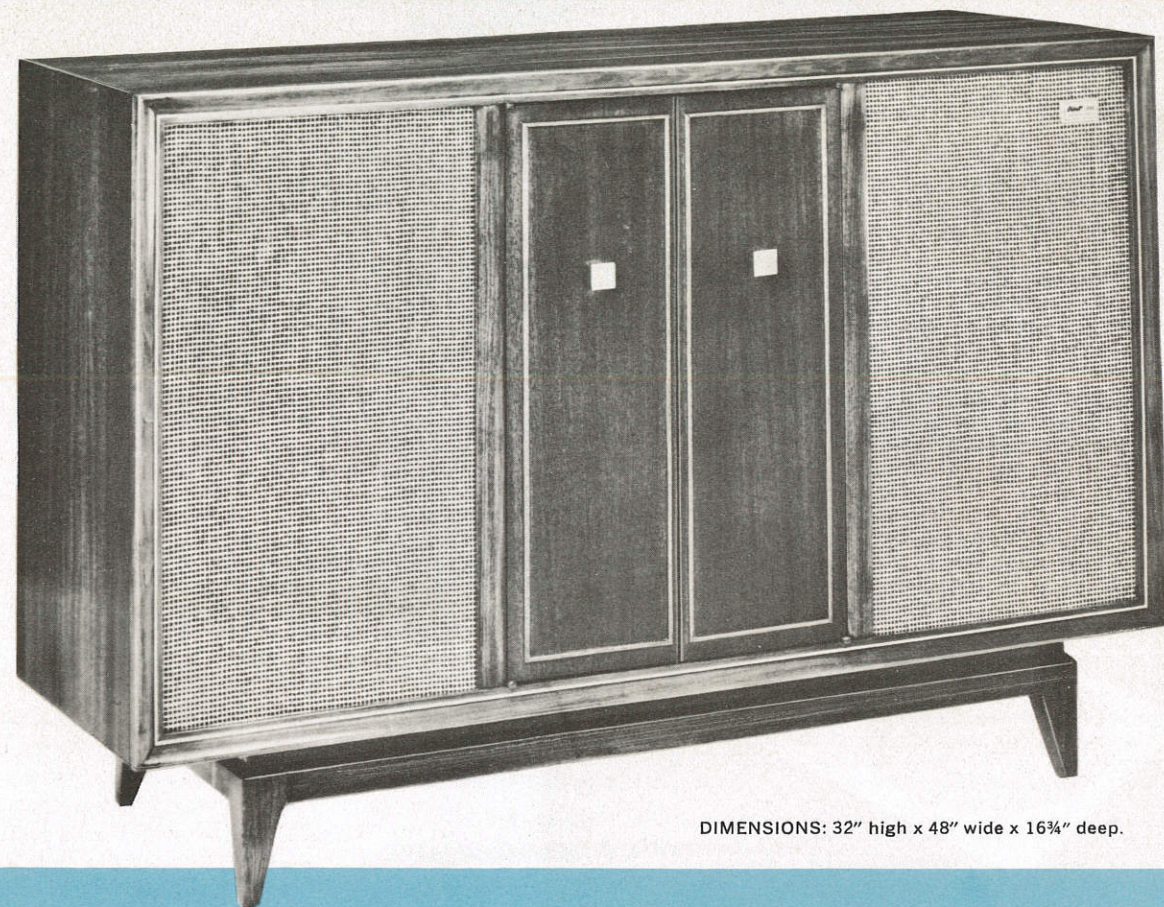
In addition to this full range of expandability any "Component-Console" can drive additional speakers for monophonic or stereophonic use in another room.

Since all "Component-Consoles" have built-in expandability you can purchase one now and expand it as you require. Hear Stereo "As You Like It" at your nearest authorized Pilot dealer.

Pilot

STEREOPHONIC

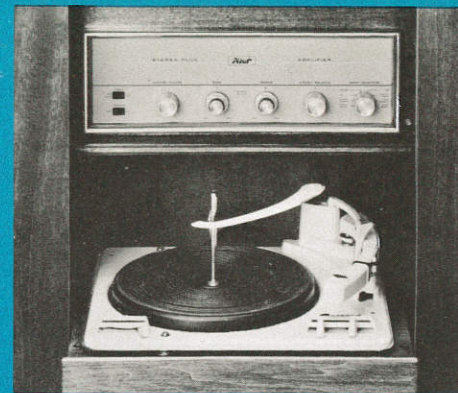
Music Hall SERIES PHONOGRAPHS



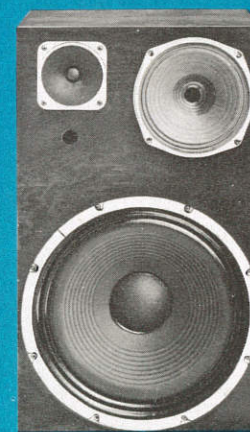
DIMENSIONS: 32" high x 48" wide x 16 3/4" deep.

For the serious music lover the **Music Hall** offers real component quality at a very moderate price. In addition, the **Music Hall** console is a fine piece of furniture hand crafted in Pilot's own cabinet shop. The Contemporary model shown above has been designed to compliment virtually any decor—from traditional to modern. And, as with all Pilot "Component-Consoles", it can be expanded to Stereo-Vista or Curtain-of-Sound. For value and sound quality see the **Music Hall** at your nearest authorized Pilot dealer.

Model 1110 Contemporary Music Hall in hand rubbed mahogany \$414.50
Model 1110 Contemporary Music Hall in hand rubbed oiled or lacquered walnut \$424.50



INSIDE THE MUSIC HALL



COMPONENT

The electronic heart of the **Music Hall** series is the Pilot 110—a rugged 30 watt stereophonic control amplifier. The 110 has flexibility too—it can be used to reproduce sound from an FM/AM Tuner, a TV set or a tape recorder. It will drive speakers in other rooms. And the **Music Hall** is ready for expansion to either Stereo-Vista or Curtain-of-Sound.

RECORD CHANGER

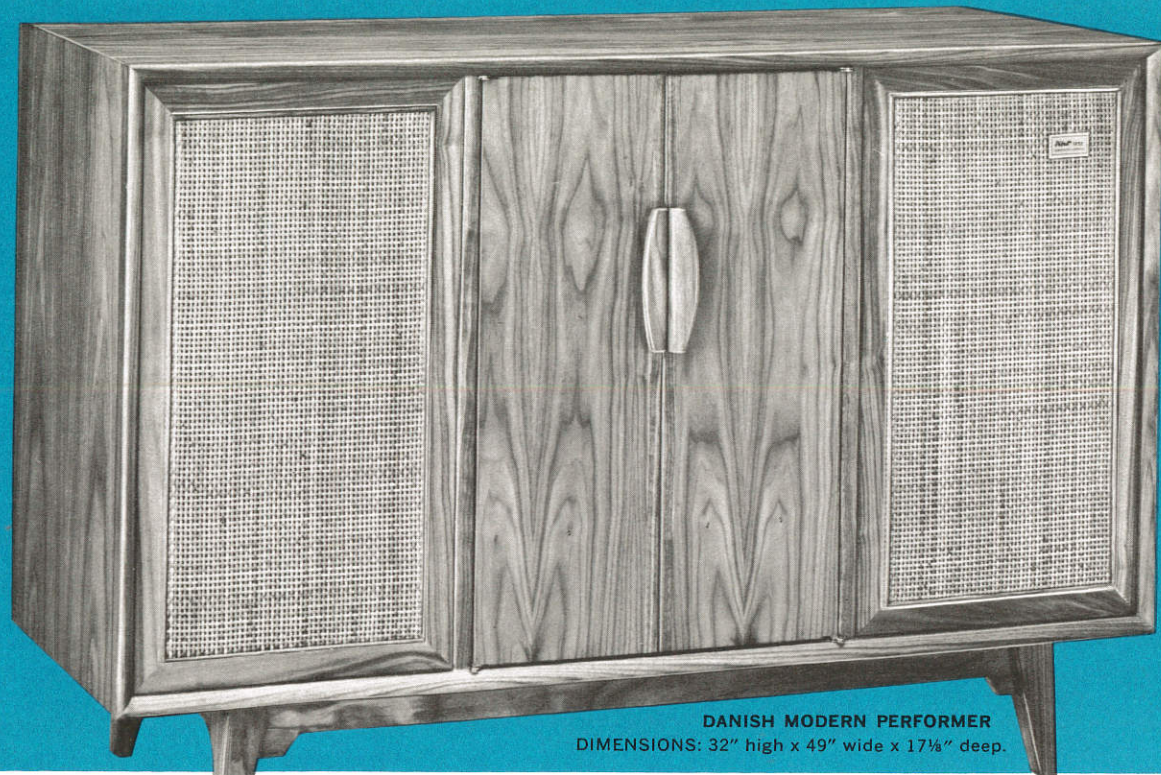
The Pilot-Garrard RC-2. A four-speed precision record changer that gives your records the kind of care that makes them last. The RC-2 is complete with cartridge and diamond stylus. It will play stereophonic records and it will make your monophonic records sound better than ever before. The RC-2 is wired with Pilot's exclusive automatic shut-off that allows the changer, at your option, to shut off the entire console after the last record has played.

SPEAKER SYSTEMS

Each **Music Hall** employs two full range Pilot model 162 speaker systems. Each system comprises of a 12-inch woofer, a 6-inch mid-range and a 3-inch tweeter. The crossover network feeds the proper frequencies to each speaker creating velvet smooth reproduction over the entire audible range.

see component pages for engineering and performance data

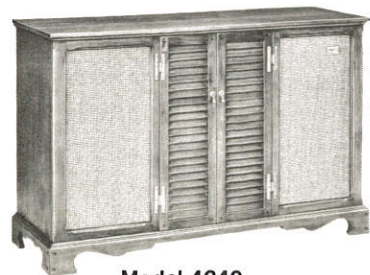
Performer SERIES PHONOGRAPHS



DANISH MODERN PERFORMER
DIMENSIONS: 32" high x 49" wide x 17 1/2" deep.

Without question the **Performer** in any one of three fine cabinet styles, is the world's finest stereophonic phonograph. If listening to fine music is an important part of your life, the instrument you play them on should be Pilot's **Performer** "Component-Console". Record storage, component versatility and real style exemplified by the Danish Modern model shown above. The simple straight lines of the modern Danish designs executed in the warmth of American walnut in Pilot's own cabinet shop results in a stereophonic instrument created for the eye as well as the ear. All the **Performer** models are ready for expansion to either Stereo-Vista or Curtain-of-Sound. Give your eyes and ears a treat at your nearest authorized Pilot dealer.

Model 3240 Danish Modern Performer in hand rubbed oiled walnut \$600



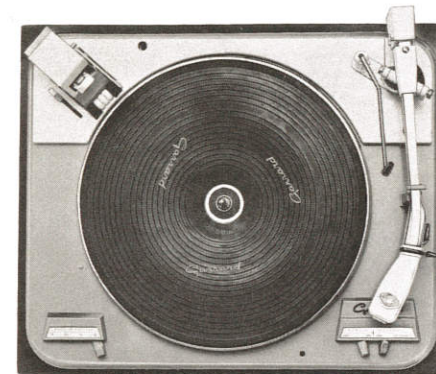
Model 4240
Early American Performer in rich cherry \$610



Model 5240
French Provincial Performer in fruitwood \$610



INSIDE THE PERFORMER



COMPONENT

A superb 30 watt stereophonic amplifier and an extra-versatile stereophonic control center are combined in the Pilot 240. The 240 can handle any sound source—FM/AM radio, tape heads, tape recorder and TV — either monophonically or stereophonically. Eleven front panel controls including the switch for future expansion to Stereo-Vista or Curtain-of-Sound. And, it will provide sound for additional speakers in other rooms.

AUTOMATIC TURNTABLE

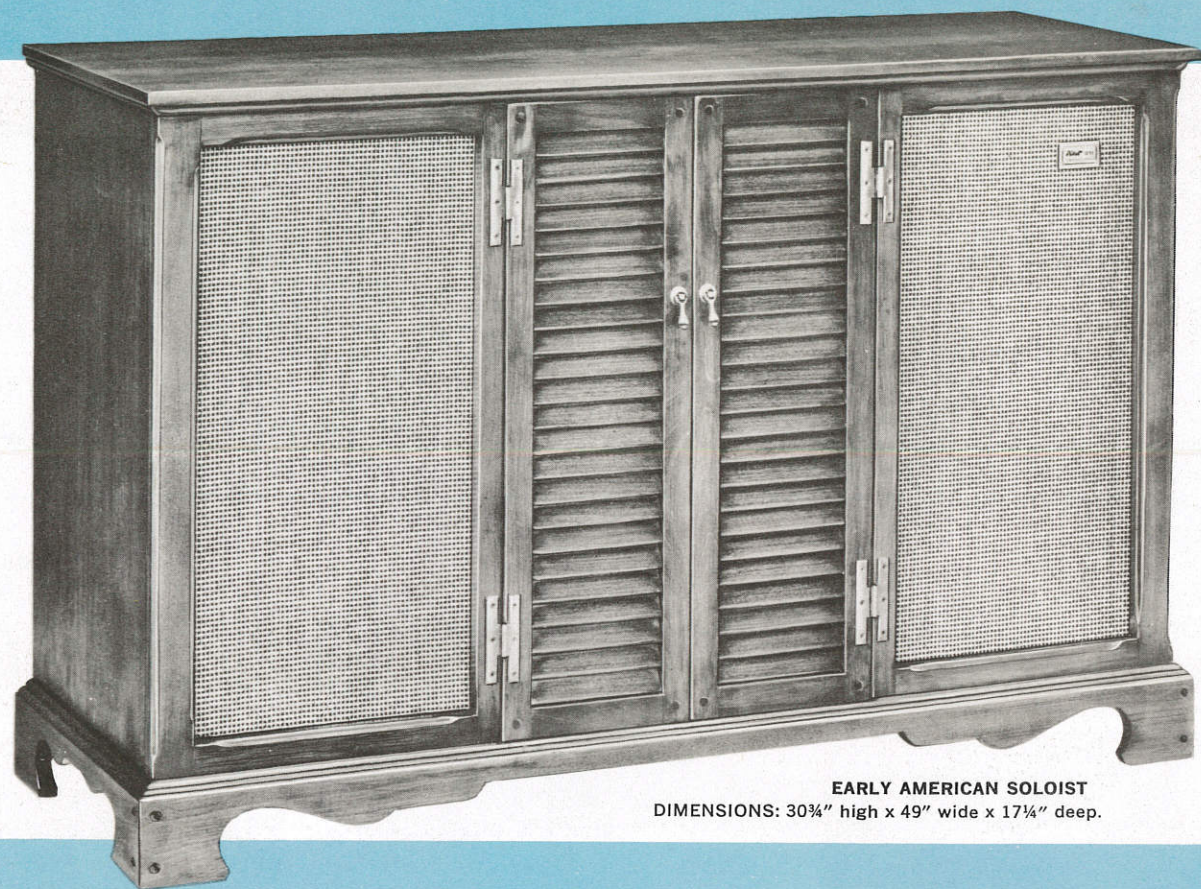
The Pilot-Garrard RC-3 automatic four-speed turntable. Here, combined in one instrument are all the best features of both a turntable and record changer. The heavy cast table runs true at all four speeds. The professional tone arm will track at the lightest possible weight and comes equipped with the new Pickering 380C magnetic cartridge and diamond stylus. The changer mechanism handles your records even more gently than you could by hand. The RC-3 is equipped with the Pilot exclusive automatic shut-off which, at your option, shuts off the entire system after the last record has played.

SPEAKER SYSTEMS

Two Pilot 162 speaker systems are used in each of the **Performer** models. Each system comprises a heavy duty 12-inch woofer, and in an isolated enclosure a 6-inch mid-range and a 3-inch tweeter. The entire system is housed in a specially constructed, functional acoustical enclosure. The built-in crossover network directs the correct frequencies to each speaker resulting in velvet smooth reproduction over the entire audible range.

see component pages for engineering and performance data

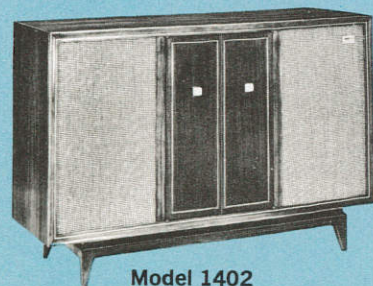
SOLOIST SERIES FM/AM PHONORADIOS



EARLY AMERICAN SOLOIST
DIMENSIONS: 30 3/4" high x 49" wide x 17 1/4" deep.

America's pioneer craftsman built things to last. The same kind of meticulous attention to detail goes into the construction of a Pilot "Component-Console". The Early American **SOLOIST** shown above reflects the elegance of fine wood artfully crafted in Pilot's own cabinet shop. Its rich cherry tones make it a fine addition to any home. The components inside have been designed to give you maximum versatility. Like all "Component-Consoles" the **SOLOIST** series can be expanded to Stereo-Vista or Curtain-of-Sound. See the **SOLOIST** at your authorized Pilot dealer.

Model 4402 Early American Soloist in hand rubbed cherry \$620



Model 1402

Contemporary Soloist in mahogany \$540 In oiled walnut \$550



Model 3402

Danish Modern Soloist in oiled walnut \$610

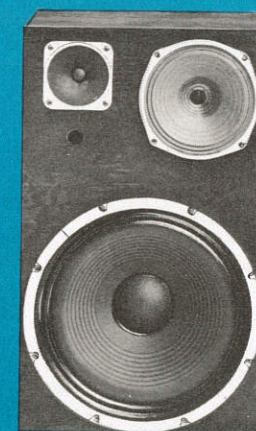
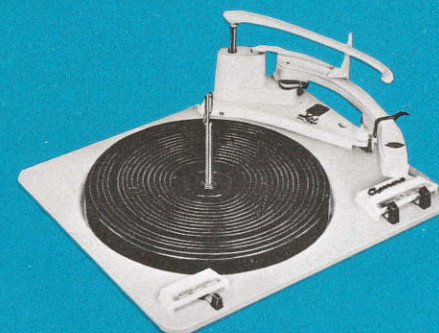


Model 5402

French Provincial Soloist in fruitwood \$620



INSIDE THE SOLOIST



COMPONENT

The Pilot 402 combines in one chassis an FM Tuner, an AM Tuner and a 30 watt stereophonic control amplifier. With its 13 controls, the 402 can give you superb performance from monophonic records, stereophonic records, monophonic or stereophonic tape recorder and TV.

RECORD CHANGER

The Pilot-Garrard RC-2. A four-speed precision record changer that gives your records the kind of care that makes them last. The RC-2 is complete with cartridge and diamond stylus. It will play stereophonic records and it will make your monophonic records sound better than ever before. The RC-2 is wired with Pilot's exclusive automatic shut-off that allows the changer, at your option, to shut off the entire console after the last record has played.

SPEAKER SYSTEMS

Each Soloist employs two full range Pilot Model 162 speaker systems. Each system comprises of a 12-inch woofer, a 6-inch mid-range and a 3-inch tweeter. The crossover network feeds the proper frequencies to each speaker creating velvet smooth reproduction over the entire audible range.

see component pages for engineering and performance data

Concert Grand SERIES FM/AM PHONORADIO



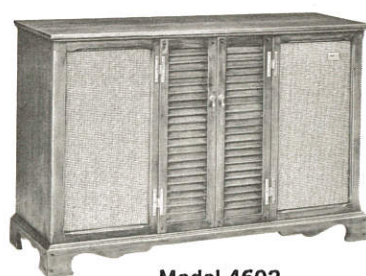
FRENCH PROVINCIAL CONCERT GRAND
DIMENSIONS: 32" high x 50 1/4" wide x 18 3/4" deep.

If music is a most important part of your life you owe yourself an opportunity to hear it reproduced by the world's finest instrument—**The Pilot Concert Grand**. The elegant French Provincial **Concert Grand** shown above is typical Pilot Cabinetry—crafted with infinite care and finished to show the full richness of fruitwood. Inside is the Pilot 602 stereo receiver—the most versatile component ever produced. For a delight of sight and sound see and hear the **Concert Grand** at your nearest authorized Pilot dealer.

French Provincial Concert Grand Phonoradio Model 5602 in hand rubbed fruitwood \$720



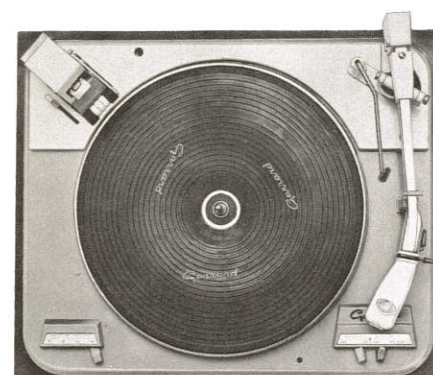
Model 3602
Danish Modern in oiled or lacquered walnut \$710



Model 4602
Early American in cherry \$720



INSIDE THE CONCERT GRAND



COMPONENT

The Pilot 602 — the most complete and versatile component ever offered the consumer. On one compact chassis Pilot engineers have combined a superb FM tuner, a highly sensitive AM tuner, a 30 watt stereophonic amplifier and a stereophonic control center. Thirteen front panel controls make for highly functional versatility. The 602 can be used for TV sound, or a tape recorder. And, of course, it is ready for expansion to Stereo-Vista or Curtain-of-Sound.

AUTOMATIC TURNTABLE

The Pilot-Garrard RC-3 automatic four-speed turntable. Here combined in one instrument are all the best features of both a turntable and record changer. The heavy cast table runs true at all four speeds. The professional tone arm will track at the lightest possible weight and comes equipped with the new Pickering 380C magnetic cartridge and diamond stylus. The changer mechanism handles your records even more gently than you could by hand. The RC-3 is equipped with the Pilot exclusive automatic shut-off which, at your option, shuts off the entire system after the last record has played.

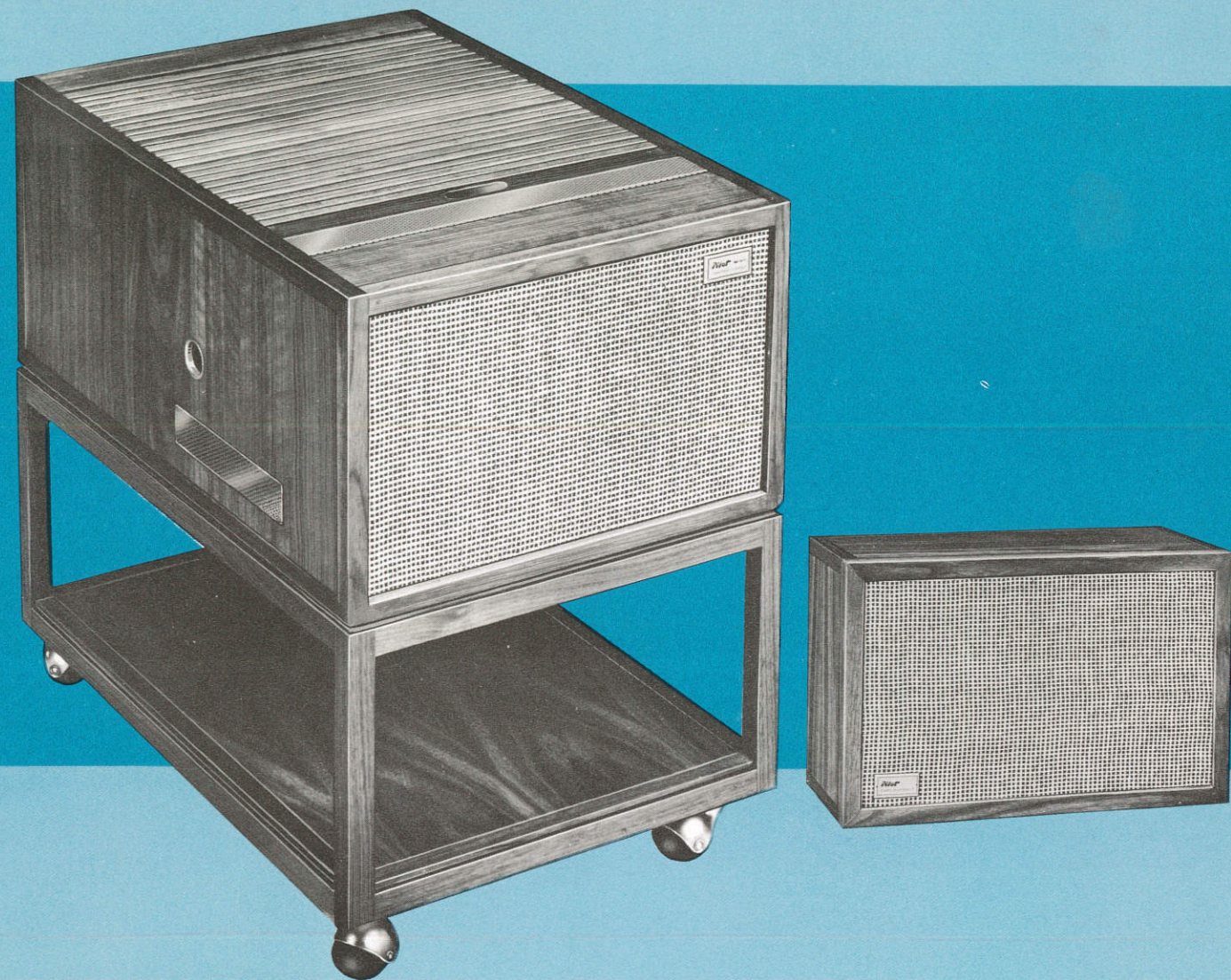
SPEAKER SYSTEMS

Two Pilot 162 speaker systems are used in each of the **Concert Grand** models. Each system comprises a heavy duty 12-inch woofer, and in an isolated enclosure a 6-inch mid-range and a 3-inch tweeter. The entire system is housed in a specially constructed, functional acoustical enclosure. The built-in crossover network directs the correct frequencies to each speaker resulting in velvet smooth reproduction over the entire audible range.

see component pages for
engineering and performance data

Pilot

STEREOPHONIC CONSOLELETTE



Not only is this a superb stereophonic instrument, but it is also, by virtue of its unique appearance, a real conversation piece. Styled on the lines of a British Officers Chest, this compact consolelette outperforms many full sized consoles. By itself, the 1064 with its built-in speaker system, will reproduce your monophonic records with a new brilliance. Add any PSV series speaker system (shown above with the Pilot PSV-3) and you're ready to enjoy matchless stereo. Both cabinet and rolling table are built in Pilot's own cabinet shop and are meticulously finished in oiled walnut. For performance and style see the Pilot 1064 at your authorized Pilot dealer.

Model 1064 British Officers Chest \$299.50 Matching Rolling Table . . . \$39.50

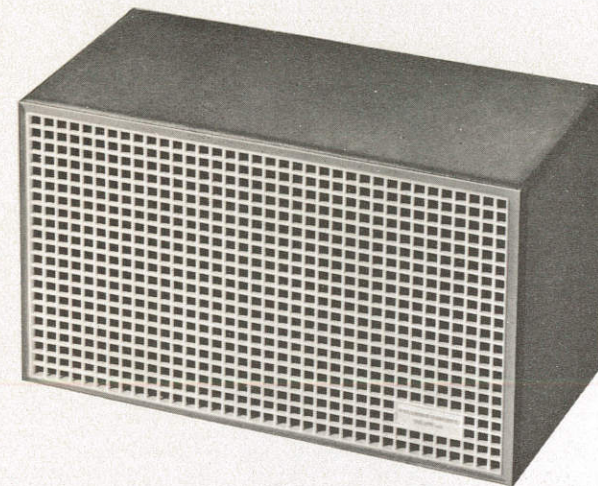
INSIDE THE BRITISH OFFICERS CHEST

The superbly engineered components utilized include a Pilot stereophonic preamplifier with Balance control for individual speaker level adjustment, ganged volume control, individual ganged Bass and Treble controls and complete equalization facilities. Included is an automatic shut-off position that will turn off the entire set after the last record. It has a 20 watt music power stereo amplifier. The RC-2 four-speed stereophonic record changer is equipped with magnetic stereo cartridge and diamond stylus. The speaker system consists of an 8-inch bass unit, and a 6-inch mid-range and high frequency speaker.

Prices slightly higher in the West

Pilot

STEREOPHONIC PORTABLE



Recreate stereophonic realism anywhere—on your porch or patio, living room or den—at school, college, or the club, with the new Pilot Stereo Fidelity Portable. The sound of the 1060A will provide a genuine thrill, for in its compact form it represents a true, full-range stereophonic high fidelity system. Designed and engineered from the outset for quality performance, the 1060A rivals many console models, though relatively small in size. An achievement made possible by the extensive engineering experience gained by Pilot as leader in the component stereophonic field. Wonderful for stereo records or your present monophonic record library, and perfect everywhere you go. The Pilot Stereo Portable Ensemble also makes a perfect gift for very special occasions.

1060A Portable.....\$229.50
160 Matching Speaker \$39.50
Table Leg Stand.....\$ 8.50

INSIDE THE 1060A

The superbly engineered components utilized in the 1060A include a Pilot stereophonic preamplifier with Balance control for individual speaker level adjustment, ganged volume control, individual ganged Bass and Treble controls and complete equalization facilities. Included is an automatic shut-off position that will turn off the entire set after the last record. The 1060A has a 20 watt music power stereo amplifier for clean, undistorted output. The RC-2 four-speed stereophonic record changer is equipped with magnetic stereo cartridge and diamond stylus, an exclusive Pilot feature. The matching speaker systems in the 1060A and 160 stereo speaker each consist of an 8-inch bass unit, and a 6-inch mid-range and high frequency speaker.



Prices slightly higher in the West

Pilot**STEREOPHONIC****HIGH FIDELITY COMPONENTS****PILOT
CUSTOM
EQUIPMENT
CABINET**

For those who do not have the space for a full-sized "Component-Console" and yet want component performance, Pilot offers its new 2000 series equipment cabinet. This striking modern design cabinet is as functional as it's good looking. It has space to house a single component, a record changer and/or a record turntable or a tape recorder or tape deck. In addition, the cabinet allows space for record storage. The Pilot custom cabinet is available as: Pilot model 2000 blank equipment cabinet for installation of any equipment you desire; Pilot model 2602 equipped by Pilot, with the model 602 stereo receiver and the Pilot-Garrard RC-2 record changer complete with the Pickering 380C magnetic cartridge and diamond stylus; or as the Pilot model 2654 with the Pilot 654, 44 watt stereo receiver, the Pilot-Garrard RC-3 automatic turntable complete with the Pickering 380C magnetic cartridge and diamond stylus. With either the 2602 or the 2654 simply add two speakers (any of the PSV series would be perfect for the job) and you have quality stereo in an attractive enclosure.

Pilot model 2000 equipment cabinet complete with blank mounting panels for component, record changer, and tape recorder... in oiled walnut. **\$149.50**

Pilot model 2602 custom equipment cabinet complete with Pilot 602 stereo receiver and Pilot-Garrard RC-2 record changer... in oiled walnut. **\$499.50**

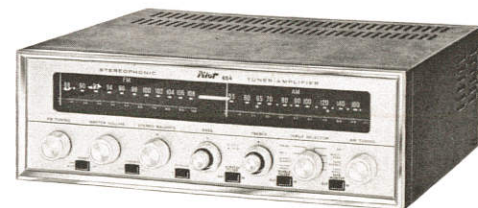
Pilot model 2654 equipment cabinet complete with Pilot 654 stereo receiver and Pilot-Garrard RC-3... in oiled walnut. **\$575.00**

30 WATT STEREOPHONIC RECEIVER*Pilot 602*

As complete as a single component can be. The Pilot 602 combines on one ultra-compact chassis a highly sensitive FM tuner, a superb AM tuner, a 30 watt stereophonic amplifier and a versatile control center. Simply add two speakers (the Pilot PSV series are perfect for the job), a changer or turntable and you're ready to enjoy quality stereo. Typical of Pilot's advanced engineering the 602 offers two great new features: the SIMPLI-MATIC TEST PANEL—you can balance your output tubes using your speaker system as an indicator; STEREO PLUS CURTAIN-OF-SOUND—a special set of speaker connections to create a monophonic signal from a stereo source. Can be used to fill the hole-in-the-middle or for a monophonic speaker in another room. The 602 has 13 controls and switches for complete stereophonic or monophonic flexibility. It's equipped to handle external multiplex, tape or TV. In its distinctive brass and black enclosure it's a handsome addition to shelf or table. Its compactness (5½" high x 10¾" deep x 14¾" wide) and amazingly cool running chassis make it perfect for all kinds of custom mounting. Underwriters Laboratories approved! Overall frequency response 20-20,000 cycles. 16 tubes, 1 tuning indicator, 4 silicon diode power rectifiers and 3 germanium diodes! FM sensitivity 2 uv for 20 db of quieting! AM sensitivity 3 uv 1 volt DC! Weight 25 lbs. Complete with enclosure. **\$249.50**

PILOT 402 STEREO RECEIVER

Similar in function to the model 602 described above. Designed for use with ceramic cartridge only. **\$219.50**

44 WATT STEREOPHONIC RECEIVER*Pilot 654*

Here is a deluxe all-in-one stereo receiver with power plus to drive any kind of speaker system. Everything you could want all on one compact chassis—separate FM and AM tuners, a 44 watt stereophonic amplifier and a complete control center. Separate ganged tone controls—Rumble filter—Scratch filter—tape monitor—AM phase switch—a total of 16 controls for complete stereophonic or monophonic flexibility. The 654 also has Pilot's exclusive STEREO PLUS CURTAIN-OF-SOUND speaker connections that allow you to create a monophonic signal from a stereo source. This can be used either for center fill in stereo or for monophonic listening in another room. Can handle external multiplex, tape or TV sound. Built-in rotatable AM antenna. And, like all Pilot receivers, its cool running chassis is the delight of those who want to custom install without a critical heat problem. Simply attach 2 speakers and a turntable or changer and you've got an incomparable stereo system. Uses two 7591's in output of each channel. FM sensitivity 2 uv for 20 db of quieting! AM sensitivity 3 uv for 1 volt DC! Weight 34 lbs. Complete with handsome black and brass enclosure. Dimensions: 5½" high x 12¾" deep x 14¾" wide.

Pilot**STEREOPHONIC****HIGH FIDELITY COMPONENTS****30 WATT CONTROL CENTER—AMPLIFIER***Pilot 240*

Feature for feature the Pilot 240 represents the best value in its class as attested by the thousands already sold. Rugged and extremely versatile, the 240 incorporates Pilot's two great new features—THE SIMPLI-MATIC TEST PANEL—you can balance your output tubes using your speaker systems as an indicator, without any external meter or generators—and STEREO-PLUS CURTAIN-OF-SOUND—in addition to the 4, 8 and 16 ohm taps for each channel, Pilot provides a special set of speaker connections to create a monophonic signal from a stereo source to fill the "hole-in-the-middle." Can also be used for a monophonic extension speaker in another room. Ten non-shorting inputs to handle any monophonic or stereophonic signal source. Eleven front panel controls for complete functional versatility. Can be switched to function as an electronic cross-over for monophonic bi-amplification. When used with Pilot-Garrard RC-2 or RC-3 changers, the exclusive automatic shut-off turns off the complete system, at your option, after the last record has been played. Frequency response 20-20,000 cycles. Dimensions: 5½" high x 14¾" wide x 10¾" deep. Weight: 23 lbs. Complete with enclosure in handsome black and brass styling. **\$134.50**

PILOT 110 CONTROL CENTER—AMPLIFIER

Similar in function to the model 240 described above. Designed for use with ceramic cartridge only. **\$109.50**

STEREOPHONIC FM/AM TUNER*Pilot 480*

To the knowledgeable audiophile the 480 represents the best tuner value available. In addition to receiving FM/AM stereocasts, because of independent FM and AM circuitry, the 480 can be used for FM or AM alone. And, it's equipped for attachment of a Multiplex Adapter. The AM phasing switch allows you to correct phase for FM/AM stereocasts. The superb FM side combines a triode RF Amplifier, a triode converter and 2 high gain IF stages for ultra sensitive performance (Sensitivity: 2 uv for 20 db of quieting). Tuning for minimum distortion is non-critical because of Pilot's wide band detector. Temperature-compensated oscillator solves drift problems. The AM tuner features a tuned RF Amplifier, pentagrid converter and a high gain selective double tuned IF stage (Sensitivity: 3 mv for 1 volt DC at detector). A Germanium diode detector handles full modulation with minimum distortion. Cathode follower outputs permit use of long cables. Eight tubes plus 1 Germanium diode. Dimensions: 5½" high x 14¾" wide x 10¾" deep. In attractive brass and black enclosure. **\$159.50**

STEREOPHONIC PREAMPLIFIER*Pilot 216-A*

As professional as a stereophonic preamplifier can be! Two VU meters to indicate tape recording output level or visually balance both channels. Meter Function switch to select meter operation. 14 inputs—6 high level for FM/AM tuner, Multiplex adapter, tape recorder; 8 low level including two each for record changer, turntable, tape head, microphone—all non-shorting to permit tape recording and playback without short-circuiting recording signal or changing of plugs. Automatic shut-off enables Pilot RC-2 or RC-3 record changer to turn off complete system after last record, at user's option. 4 independent ganged feedback-type tone controls. Electronic Cross-over for monophonic bi-amplifier use. Mono position on Mode switch automatically cancels out undesired vertical stereo cartridge response when playing monophonic records. 4 outputs, two audio, two tape recorder with tape output unaffected by volume or tone controls. Separate tape output gain controls for each channel for tape recording. Low-level audio tube filaments DC powered. Internal cathode followers permit use of audio cables up to 100 feet. Feedback equalizers. Frequency response ±1 db from 20 to 20,000 cycles. Audio output, 1 volt. Tape output, 1.3 volts adjustable for zero VU. Harmonic distortion, 0.2% (2/10 of 1%) at maximum sensitivity. Hum and Noise, 80 db below 1 volt. Equalization: RIAA automatically, LP, NAB, AES at calibrated points on tone controls. NARTB tape equalization and MIC flat frequency response automatically. 10 tubes including rectifier. Complete with enclosure. Dimensions: 5½" high x 14¾" wide x 11" deep. **\$199.50**

60 WATT CONTROL CENTER—AMPLIFIER*Pilot 248*

Take the finest stereophonic amplifier ever designed (harmonic distortion 0.5% from 20-20,000 cycles at full power), combine it with a highly versatile control center and you have the Pilot 248. The performance, specifications and features of this fine unit offer a level of performance unquestioned by today's sophisticated audiophile. A total of 14 inputs for monophonic use—or 7 pairs for stereo. Fifteen controls including such luxury extras as a scratch filter, a rumble filter, and a tape monitor switch—complete functional flexibility. The 248 has Pilot's exclusive STEREO PLUS CURTAIN-OF-SOUND—a special speaker connection that delivers a monophonic signal from a stereo source. Can be used for center fill in stereo or for monophonic listening in another room. Eleven tubes! Output—60 watts total, 30 watts per channel! Frequency response 20-20,000 cycles! Intermodulation distortion—less than 0.5%! Dimensions: 5½" high x 14¾" wide x 12¾" deep. In distinctive brass and black styling. Complete with enclosure. **\$249.50**

60 WATT STEREOPHONIC POWER AMPLIFIER*Pilot 264*

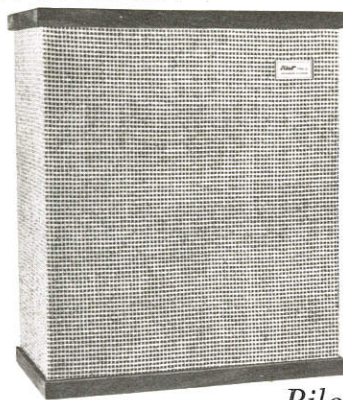
The kind of Amplifier audiophiles dream about. Only specifications can really describe this distortion free instrument. Output: 60 watts total, 30 watts per channel... Frequencies Response: ±0.2 db at 20-20,000 cycles at 30 watts per channel; ±0.2 db at 15 to 50,000 cycles at 1 watt per channel... Sensitivity: 1 volt for full output. Harmonic Distortion: Less than 0.2% at mid-frequencies and less than 0.5% from 20-20,000 cycles at full power. Intermodulation Distortion: less than 0.5%. Output Impedance: 4, 8 and 16 ohms plus "Stereo-Plus" center speaker. Tubes: 4-7591 output tubes, total of 8 tubes and 4 silicon diode rectifiers. The 264 has Pilot's exclusive STEREO PLUS CURTAIN-OF-SOUND—a special speaker connection that delivers a monophonic signal from a stereo source. Can be used for center fill in stereo or for monophonic listening in another room. Dimensions: 5" high x 14¾" wide x 8" deep. In distinctive black and gold styling, complete with enclosure. **\$179.50**

FM/AM TUNER—CONTROL CENTER*Pilot 590*

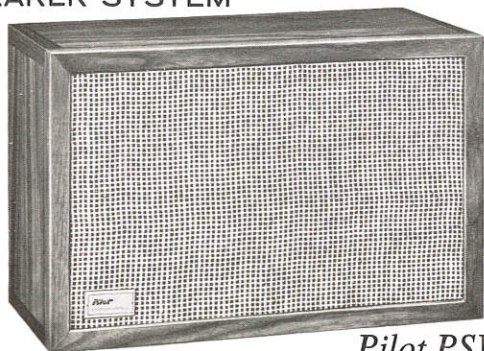
A matchless combination of an extra sensitive stereophonic tuner and a versatile stereo control center. The tuner has independent FM and AM sections that may be used individually for FM or AM alone, or simultaneously for FM/AM stereophonic broadcasts. With an external Multiplex demodulator, the 590 will provide FM Multiplex stereo reception. The FM section has a low noise, dual-triode golden-grid cascode RF amplifier with accurately tracked antenna and interstage circuit tuning. Freedom from drift is assured by means of a temperature compensated oscillator, and with its wide-band detector tuning is completely non-critical. In addition, the Pilot Centra-Tune FM tuning indicator facilitates precise tuning. Audio output is constant and independent of signal level. Two IF stages and two limiters, with excellent impulse noise suppression. Built-in FM power-line-cord antenna, and facilities for 300 ohm twin lead and 72 ohm coaxial cable included. AM section has a high gain pentode RF amplifier with accurately tracked antenna and inter-stage tuning, a triode-pentode oscillator-mixer and steep-skirted IF stage. A germanium diode detector is used for maximum detection efficiency and lowest distortion. Built-in AM antenna and temperature compensated AM oscillator to assure freedom from drift. FM sensitivity: 1.5 uv. AM sensitivity: 3 uv. The control center includes 4 independent, ganged tone controls, 2 pairs of high level inputs for permanent simultaneous connection of Multiplex adapter and tape recorder. Two pairs of low level inputs for permanent connection of record changer and turntable. All inputs non-shorting. Direct tape playback facilities. Electronic crossover for monophonic operation. Loudness switch for enhanced listening at low levels. Dimensions: 14¾" wide x 5½" high x 11" deep. Complete with enclosure. **\$239.50**

Pilot**STEREOPHONIC
HIGH FIDELITY COMPONENTS****SPEAKER SYSTEM***Pilot PSV-1*

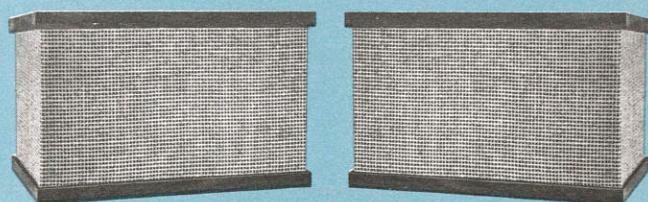
A compact, three-way "bookshelf" speaker with exceptional bass response and realism. It achieves widest sound dispersion in horizontal or vertical positions by utilizing Pilot's exclusive Acousti-matic Turret, an array of tweeters and mid-range speakers that can be conveniently oriented from outside the cabinet for vertical, as well as left or right horizontal mounting of the cabinet. The solid, highly defined bass response is produced by a special 12 inch Air Flex heavy duty woofer front mounted in an Orlon fiber filled enclosure designed to yield a maximum of performance in a minimum of space. The two 3 inch tweeters and two 6 inch mid-range units have been angled for wide horizontal sound distribution. Separate Presence and Brilliance controls can be supplied to match the PSV-1 to individual acoustical requirements. SPECIFICATIONS: Woofer—Frequency range 40 to 800 cycles. Free air resonance: 22 cycles. Mid-range—Frequency range 800 to 8,000 cycles. Tweeters—Frequency range 8,000 to over 16,000 cycles. Crossover Network—6 db/octave, air-core inductance capacitance. Crossover frequencies: 800 cps. and 8,000 cps. Fully finished on all four sides in a choice of hand-rubbed mahogany or walnut as well as unfinished walnut. Dimensions: 25 $\frac{3}{4}$ " x 14 $\frac{1}{4}$ " x 12". Weight: 45 pounds.

\$139.50**SPEAKER SYSTEM***Pilot PSV-2*

COMPACT, LOW DISTORTION, 3-WAY SPEAKER SYSTEM... Perfect for Stereo! Here is performance never before available at such a modest price. For less than the price of an unmounted quality speaker such as you would mount in a wall or closet door, you can have this fully engineered 3-way loudspeaker system, complete with enclosure. Use it on a shelf, table or floor—or even in a custom cabinet. The PSV-2 consists of a 12" low frequency driver, 6" mid-frequency cone-type speaker with electromagnetic isolation to prevent acoustic interaction, a 3" cone-type tweeter and cross-over network. A sturdy enclosure of special design provides an acoustic suspension for the high compliance woofer. A critical mass of Orlon fibers provides optimum damping and has the effect of increasing the acoustic volume of the enclosure. Overall frequency response: 50 to 16,000 cycles. Impedance: 16 ohms. Power rating: 30 watts program power. Crossover network: 6 db/octave air core inductance capacitance. Crossover frequencies: 800 cps and 8,000 cps. Dimensions: 18" high x 15 $\frac{3}{4}$ " wide x 9 $\frac{3}{4}$ " deep. Weight: 23 lbs. Oiled walnut trim.

\$69.50**SPEAKER SYSTEM***Pilot PSV-3*

Here is the perfect answer for those who desire a top quality speaker system in a minimum amount of space. Here in an enclosure measuring only 11 $\frac{1}{2}$ " high x 18" wide x 9" deep, Pilot has created a full range 3-speaker system capable of delivering 50 to over 16,000 cycles. The system uses a revolutionary new 8" woofer and in a specially constructed insulite® enclosure a 6" mid-range and a 3" armored-type tweeter. The entire enclosure, filled with Orlon fiber, is designed to give maximum performance in a minimum of space. Finished on 4 sides in oiled walnut, it can be used on a shelf, table or floor. Two PSV-3's make the perfect stereo combination. SPECIFICATIONS: Frequencies—woofer, 50 to 800 cycles. Mid-range—800 to 8,000 cycles. Tweeter—8,000 to over 16,000 cycles. Overall frequency response—50 to over 16,000 cycles! Impedance—8 ohms! Power rating—30 watts program power! Crossover network frequencies—800 cps and 8,000 cps. Weight—27 lbs.

\$64.50**SPEAKER SYSTEM***Pilot STEREO-VISTA Speakers*

Designed for use with Pilot "Component-Console" to create a broader sound source for stereophonic use in large-sized rooms. Each of these ultra-compact systems measure only 8 $\frac{1}{2}$ " high x 10 $\frac{1}{2}$ " wide x 4" deep. They may be placed on a table, shelf or even hung from the wall. Their attractive design, a combination of decorator grill cloth and oiled walnut make them an attractive addition to any room. Each system contains a 6" mid-range and a 3" tweeter. These speakers are identical to the mid-range and tweeter combination in the Pilot 162 speaker systems which is used in all Pilot "Component-Consoles." When used with the "Component-Console" to create the Pilot Stereo-Vista system, these speakers take over the job of the mid and high frequency units housed in the console. Bass continues to be supplied by the woofers from the enclosed Pilot 162 speaker systems. For that individual whose tastes require a broader sound source, the Stereo-Vista system will accomplish this broadening at a very moderate cost. Pilot Stereo-Vista speakers model SVS-7. Packed 2 to a carton.

per pair **\$49.50****HISTORY-MAKING
EVENTS IN ELECTRONICS
SINCE 1919**

Of all Companies manufacturing stereophonic and high fidelity equipment exclusively, only Pilot is able to offer you the full benefit accrued from 41 years of electronics experience—all under the same management. The extraordinarily high standards to which all Pilot equipment is designed, engineered and produced are a direct result of this accumulated experience. Here are some of the milestones in Pilot history:

- 1959—Pilot develops and introduces a new concept in stereophonic home music reproduction—The Curtain-of-Sound.
- 1958—Pilot Radio Corporation converts entire facilities to the design and production of stereophonic components and component-consoles exclusively.
- 1957—Pilot designs and produces stereophonic components.
- 1954—First component-identified consoles announced by Pilot.
- 1952—Pilot produces high fidelity equipment exclusively.
- 1947—First FM tuners introduced by Pilot Radio.
- 1947—Pilot introduces first miniature television receiver, Model TV-37—and the first television set under \$100.
- 1944—Pilot Radio Corporation receives Army-Navy "E" Award for excellence in performance of military contracts.
- 1939—First commercial FM receivers and phonographs introduced by Pilot.
- 1937—Pilot introduces the first self-contained battery portable radios.
- 1937—Commercial television receivers produced by Pilot Radio.
- 1930—President Hoover invites Pilot staff members to the White House to wish them well on South American "flying laboratory" tour.
- 1930—Pilot Radio Corporation introduces Midget Radios.
- 1930—"Auto Pilot" automobile radios manufactured by Pilot.
- 1929—Pilot produces television kits for consumer use.
- 1929—United States government issues television station license to Pilot Radio Corporation for Station W2XCL.
- 1928—Pilot equips its own Stinson seven passenger airplane as a flying laboratory for radio research and solution to bad weather problems.
- 1928—First television broadcast using equipment developed and produced by Pilot Radio Corporation demonstrated at New York University. Picture received over the air from WRNY, New Jersey.
- 1925—First short-wave radio made available to the public—the Pilot "Super Wasp".
- 1919—Pilot commences the manufacture of variable condensers, inductance coils, volume controls, dials, mica condensers, electrolytic condensers among a wide variety of radio parts and components. Largest parts manufacturers in the world for the radio ham and experimenter.
- 1919—The founding of the Pilot Radio Corporation.

There are two ways to design a stereophonic console. One is to fix the cost of the console and design around it. The other is the Pilot way: produce the finest instrument possible, then price it accordingly. Our policy: not cost for cost's sake, but for performance's sake.

PILLOT

Pilot

Radio Corp., 37-06 36th Street, Long Island City 1, N.Y.
Founded 1919

Samuel's TV
1305 Tennessee Street • Vallejo, California