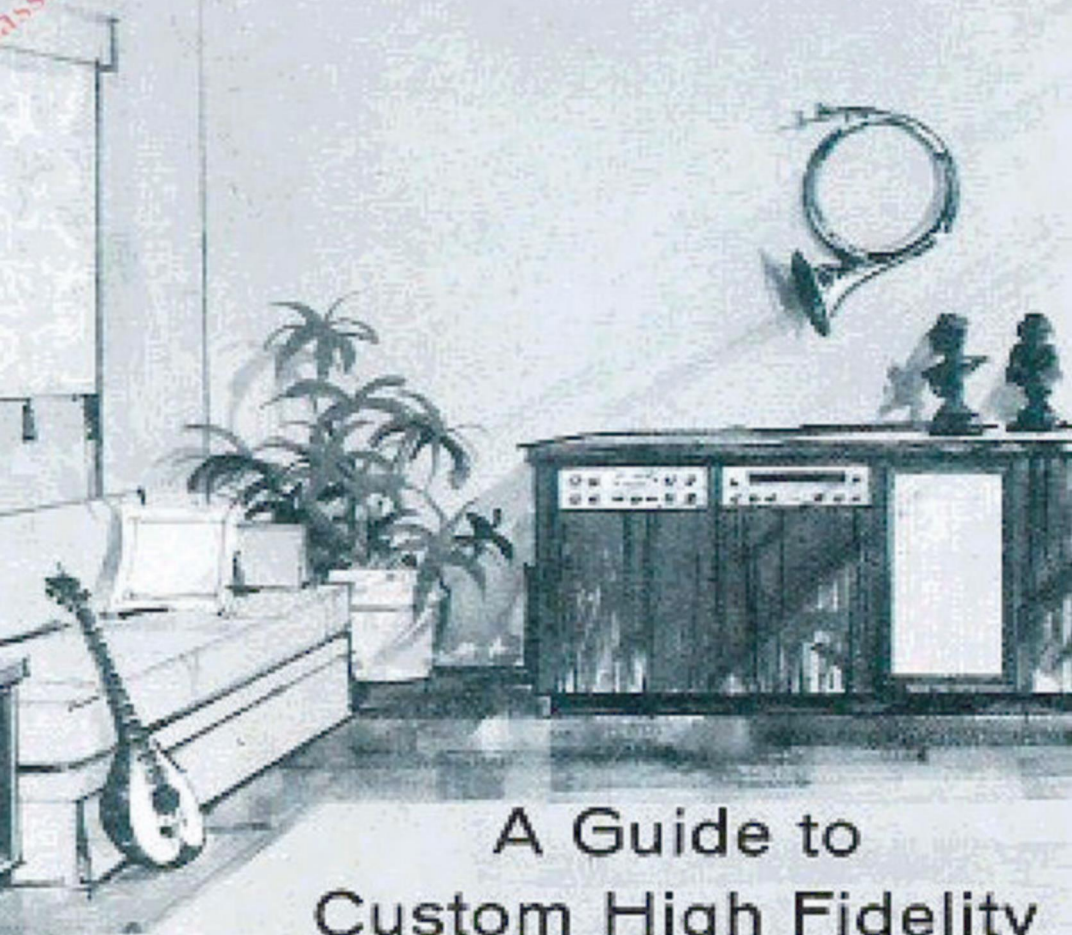




FISHER

1963

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el Otto
bsic.de



A Guide to
Custom High Fidelity
Stereo Components



It is fitting that our 1963 group of stereo components is the most comprehensive we have ever produced. The range of choice of function and cost is so broad that one can select, without compromise, precisely the component to meet any requirements. Costlier Fisher units represent greater versatility, margin of performance, and provision for special requirements. A purchaser of a Fisher component can look forward to many years of musical enjoyment.



THE FISHER 400

60-WATT FM-STEREO-MULTIPLEX RECEIVER

This new Fisher instrument is designed for those economy-minded music lovers who seek all the versatility and convenience of a *high quality* FM Stereo receiver. It combines an FM Stereo tuner of extreme sensitivity, a time-division multiplex demodulator, a 60-watt power amplifier and a flexible master audio control on one integrated chassis. STEREO BEAM®, the exclusive Fisher invention that automatically signals the presence of an FM Multiplex broadcast, and a host of other advanced features, have been incorporated in this "no compromise" Fisher receiver.



THE FISHER 500-C

75-WATT FM-STEREO-MULTIPLEX RECEIVER

The all-new FISHER 500-C has set an entirely new standard of quality in performance, styling and flexibility of operation. Here, on one beautifully integrated chassis, you will find a high-sensitivity, wide-band FM tuner, with built-in Multiplex at its best; a stereophonic master control center; and a powerful 75-watt stereophonic amplifier. STEREO BEACON®.



THE FISHER 800-C

75-WATT AM-FM-STEREO-MULTIPLEX RECEIVER

The best of everything — AM and FM-Multiplex tuners for every existing type of broadcast (mono or stereo), a stereo master-control center of grand-organ flexibility and simplicity, a stereo amplifier capable of producing 75 watts of undistorted music power — all these have been joined on one magnificent chassis whose capabilities belie its easy-to-install size. With exclusive STEREO BEACON®.



THE FISHER R-200

AM-FM-MULTIPLEX TUNER

The new FISHER R-200 has set an entirely new standard of excellence in performance and reliability. Everything about this magnificent instrument is new, unusual and far superior to existing brands in its circuitry and sensitivity.

The FM front-end incorporates the new FISHER GOLDEN SYNCHRODE design, to provide a greater overload margin and rejection of spurious and image signals than was heretofore possible.



THE FISHER FM-50-B

FM-MULTIPLEX TUNER

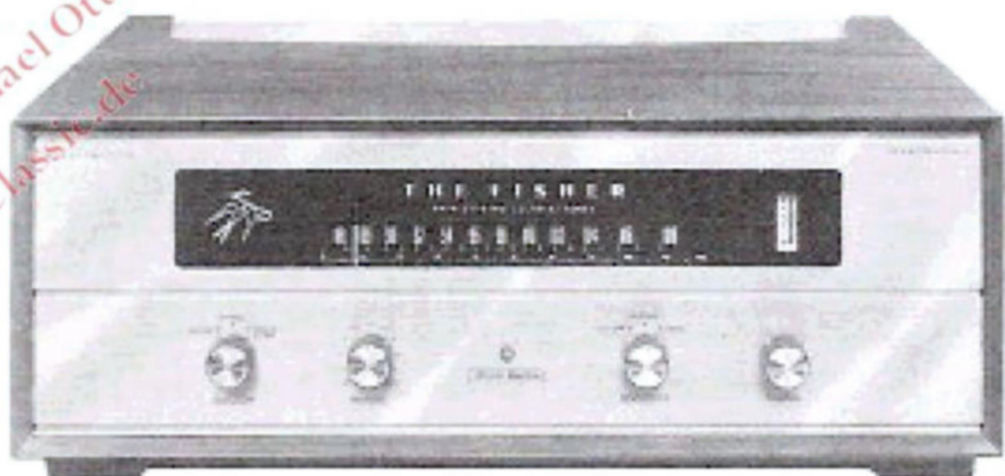
The new FM-50-B was designed to provide, at moderate cost, all the elements essential for optimum reception of FM monophonic or Multiplex stereo broadcasts. In spite of its reasonable cost, nothing has been sacrificed to maintain the laboratory standards that distinguish all FISHER components.



THE FISHER KM-61

FM-MULTIPLEX TUNER

The new FISHER KM-61 provides a degree of sensitivity never before possible in FM tuners in its moderate price range. The high-gain GOLDEN CASCODE front-end, *four* IF stages and three limiters assure distortion-free mono and stereo reception — even from weak or distant stations.



THE FISHER FM-100-B

FM-MULTIPLEX TUNER

The new FM-100-B combines the finest wide-band design with advanced Multiplex circuitry — features that are a 'must' for low-noise FM Stereo reception of outstanding quality. High-gain GOLDEN CASCODE front-end plus 5 IF stages and 4 limiters assure the clearest and most reliable reception of even the weakest of most distant of stations. This ability to operate perfectly on weak signals is *equally* important in large cities, where steel buildings and other man-made obstacles impair FM reception when ordinary tuners are used.

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THE FISHER FM-200-B

FM-MULTIPLEX TUNER

The FM-200-B is unquestionably the world's finest FM tuner intended specifically for home use. It comes within a hair-breadth of the professional-standard FM-1000 and achieves a degree of sensitivity once considered unattainable.



THE FISHER FM-1000

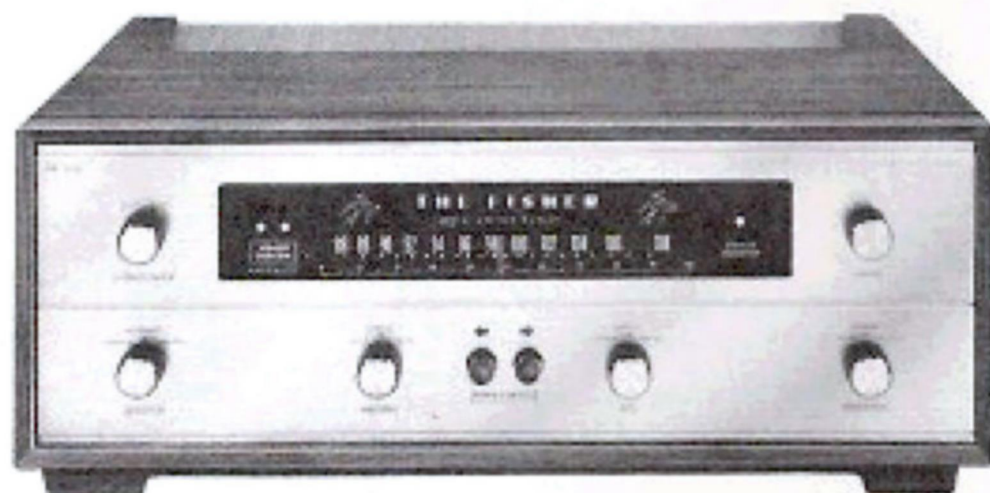
FM-MULTIPLEX TUNER

The new FM-1000 represents the sum total of FM engineering knowledge and experience. It is a masterpiece in design and circuitry, created for the audio connoisseur seeking the absolute ultimate in FM-Stereo tuners, regardless of cost.

THE FISHER FMR-1

Broadcast Network FM-Stereo-Multiplex Tuner

The FMR-1 is identical to the FM-1000 except for details such as the standard 19-inch rack panel. It can be supplied, on special order, with a plug-in crystal-controlled front end.



THE FISHER MF-300

REMOTE CONTROL FM-MULTIPLEX TUNER

Now you can enjoy the luxury of selecting FM stations from your easy chair, *plus* exact center-of-channel tuning of *absolute accuracy* (exceeding even the most careful manual tuning!) Simply press a button on the Remote Control Unit or its counterpart on the main control panel, and the TUNE-O-MATIC circuits take over. The TUNE-O-LITE dial pointer moves to the left or right, as desired, in velvety silence. This instrument is supplied with 30 feet of cable and the Remote Control Station Selector Unit. Model RK-10.



THE FISHER RK-20

TRANSMITTER-RECEIVER

For Use With the FISHER MF-300

The new FISHER RK-20 Transmitter-Receiver (optional) provides automatic tuning action and volume level setting by *wireless* remote control. Depress the "TUNE" pushbutton on the transmitter, and tilt to left to move dial pointer to left; tilt to right for tuning to right. Depress "VOLUME" pushbutton and tilt to left for less volume, or for turning unit *off*; tilt to right for increased volume. The FISHER RK-20 Receiver has ON-OFF pushbutton and Stereo Volume Control with illuminated indicator.





THE FISHER X-100-B

50-WATT STEREO MASTER CONTROL AMPLIFIER

The new FISHER X-100-B provides maximum circuit flexibility with a full complement of controls of instantly appreciated simplicity. Careful design and the use of DC filament voltage on all low level stages have reduced hum, noise and distortion to the vanishing point. A Front panel headphone jack with speaker silencing switch. A revolutionary new circuit permits direct connection of a center channel speaker *without the need for an additional amplifier.*



THE FISHER X-202-B

80-WATT STEREO MASTER CONTROL AMPLIFIER

The FISHER X-202-B is the combination of a remarkably flexible Master Audio Control and a high-powered, dual-channel amplifier. The exclusive FISHER Direct-Tape-Monitor is an important feature of this outstanding instrument. At the flick of a switch, it permits monitoring, with the use of all controls and switches during tape playback, *without changing cable connections.*



THE FISHER X-101-C

60-WATT STEREO MASTER CONTROL AMPLIFIER

The new FISHER X-101-C incorporates an ingenious Hinged Control-Cover — a feature that is years ahead of its time in basic design. It provides a convenience so obvious and long-needed that it is destined to become standard design practice. Constantly-used controls are in full view, instantly accessible. Occasionally-used controls are concealed behind the Hinged Control-Cover, yet are immediately accessible.

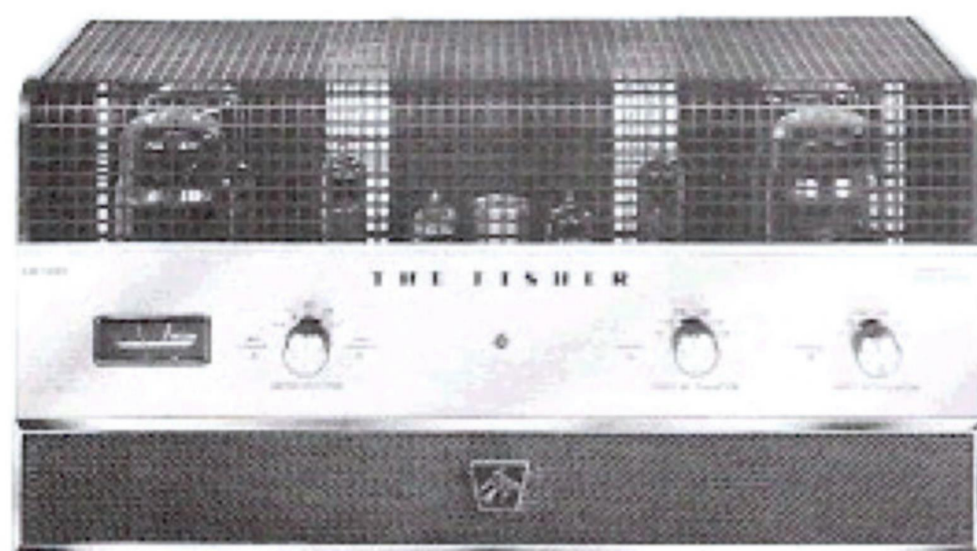


THE FISHER X-1000

110-WATT STEREO MASTER CONTROL AMPLIFIER

The FISHER Studio Standard, Model X-1000, is by far the most powerful and in every way the most advanced single-chassis Control Amplifier in the world. Equipment of this caliber has heretofore been available only as two separate units, requiring considerably more space, as well as being significantly higher in cost.

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THE FISHER SA-1000

150-WATT STEREO POWER AMPLIFIER

A new, fresh approach to the art of music reproduction and a concentrated "no-compromise" design effort by world-famous Fisher Engineering Laboratories — these are the ingredients that have created the FISHER SA-1000. With 150 watts IHF and 130 watts R.M.S. Power (both channels driven), this instrument possesses ample reserve capacity for all applications, including use in the largest auditoriums and theatres.



THE FISHER 400-CX

PROFESSIONAL STEREO MASTER AUDIO CONTROL

The new FISHER 400-CX has 28 controls and 18 inputs, all logically arranged for even an unskilled user.

■ **CONTROLS:** Stereo Dimension, Master Volume (On-Off), 8-position Low-Level Equalizer, Stereo Balance, Dual Bass and Treble, Mono-Stereo Mode Selector, Center-Speaker Volume.



THE FISHER PR-6

Basic Preamplifier

■ Two high gain triode stages (6SC7). ■ Gain: Phono, 1 v output for 10 mv input; microphone, 1 v output for 1 mv input; tape, 1 v output for 5 mv input. ■ Frequency Response: 30 to 20,000 cps within ± 2 db. ■ Hum: Better than 60 db below 1 v for phono; better than 70 db below 1 v for microphone. ■ Equalization: RIAA for phono, NAB for tape. ■ Self-powered (105-120 V. A. C.) ■ DIMENSIONS: 3 $\frac{1}{4}$ " wide, 3 $\frac{3}{8}$ " high, 3 $\frac{3}{8}$ " deep. ■ WEIGHT: 1 $\frac{1}{2}$ lbs.



THE FISHER

Model K-10

ONE K-10 PLAYS STEREO OR MONO PROGRAMS

With this remarkable device, the owner of a home music system can now add a new dimension to listening — the dimension that comes from the addition of natural reverberation to the program. One control regulates the desired degree of reverberation. The FISHER K-10 Dynamic SPACEXPANDER® recreates electronically the reverberation of the concert hall and, in this manner, makes for *auditorium* listening pleasure even in the smallest of rooms. The K-10 works equally well on records, tape and broadcasts. Installation is simple.



THE FISHER RK-1

Stereo Remote Control Unit

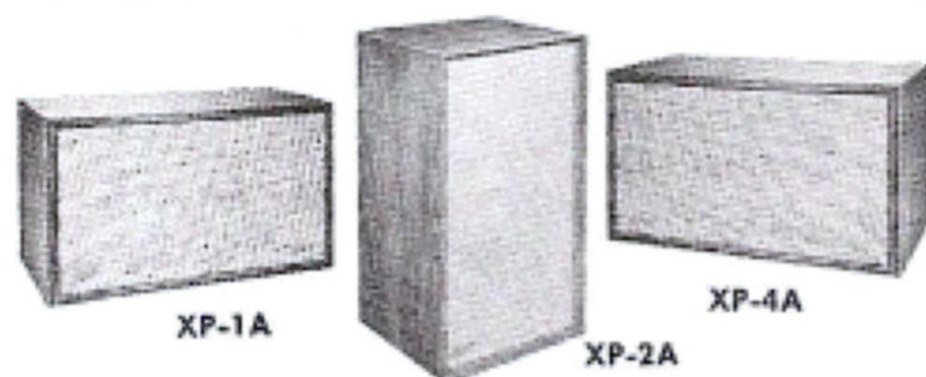
For use with the FISHER 400-CX, X-1000 and X-202-B

Now a listener can balance the level in a stereophonic system simply by turning the dials of the remote control unit.

The FISHER RK-1 consists of a control assembly, 30 feet of cable and an adaptor plug. When in operation, the left dial controls volume from speakers at the left, and the right dial regulates volume from speakers at the right.

Auxiliary Full-Range FISHER SPEAKERS For Remote Installations

FISHER Speakers can be used horizontally or vertically



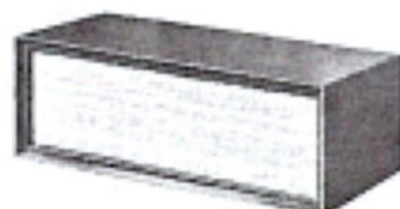
THE FISHER XP-1A— The first speaker that perfectly combines high compliance and high efficiency in a compact enclosure. Three speakers: 12" woofer, 5" mid-range, 3½" cone speaker. Size: 24" x 13¼" x 11¼". Weight: 40 pounds.

THE FISHER XP-2A— High efficiency, high compliance 10" woofer. Free-Piston, capable of widest excursion range. 1½" voice coil, 5" mid-range, 3½" high-frequency speaker. Size: 22" x 12" x 11¼". Weight: 30 pounds.

THE FISHER XP-4A— Unit-construction. The conventional speaker frame has been eliminated, resulting in 'see-through' clarity at all frequencies. AcoustiGlas packed. Four speakers. 12" woofer, two 5" mid-range, 2" high-frequency speakers. Size: 14" x 24½" x 12". Weight: 50 pounds.

All FISHER 'XP' Speakers available in Mahogany, Scandinavian Walnut and Unstained Birch

THE FISHER WS-1 Wide-Surround® Speaker System



The FISHER WIDE-SURROUND® speaker system effectively overcomes the 'point source' of sound, and gives the listener the illusion that he is sitting in one of the most desirable seats in the concert hall. 10" x 2¾" oval, Alnico V permanent magnet speaker. In Walnut, Mahogany, Teak, Italian Provincial or Cherry. Size: 11½" wide, 3¾" high, 4¾" deep. Weight: 4½ pounds each.

THE FISHER KS-1A — Unsurpassed "slim-line" design. Three speakers. 10" woofer, 5" mid-range, 3" high-frequency speaker. AcoustiGlas. SCANDINAVIAN WALNUT, UNSTAINED BIRCH. 24" x 18" x 5¾". Weight: 28 pounds.



Cabinetry for FISHER Components

Fisher 500-C, 800-C, 17½" W x 5¾" H x 13½" D	Choice of Walnut, Model 30-UW; Mahogany Model 30-UM.
Fisher 400 17½" W x 5¾" H x 12" D	Choice of Walnut, Model 30-UW; Mahogany Model 30-UM.
Fisher R-200, MF-300, KM-61, FM-50-B, FM-100-B, FM-200-B 15⅞" W x 4-13/16" H x 13" D	Choice of Walnut, Model 10-UW; Mahogany, Model 10-UM; or Metal Cabinet in simulated leather, Model MC-2.
Fisher FM-1000 (FRM-1) 16-15/16" W x 4-13/16" H x 12½" D	Choice of Walnut, Model 20-UW; Metal Cabinet in simulated leather, Model TA-10.
Fisher X-100-B, X-101-C, X-202-B 15⅞" W x 4-13/16" H x 11⅞" D	Choice of Walnut, Model 10-UW; Mahogany, Model 10-UM; Metal Cabinet in simulated leather, Model MC-2.
Fisher X-1000 16-15/16" W x 4-13/16" H x 13¾" D	Walnut, Model 20-UWX.
Fisher 400-CX 15⅞" W x 4-13/16" H x 13¾" D	Walnut, Model 10-UW; Mahogany Model 10-UM; Metal Cabinet in simulated leather, Model MC-2.
Fisher SA-1000 15⅞" W x 7¾" H x 12" D	Includes Protective Cage.

TECHNICAL SPECIFICATIONS

AMPLIFIER	FISHER X-100-B	FISHER X-101-C	FISHER X-202-B	FISHER X-1000	FISHER 400-CX	FISHER 5A-1000
Rated Music Power Output (IHFM) Both Channels	50 Watts	60 Watts	80 Watts	110 Watts	(2.5 V RMS)	150 Watts
Harmonic Distortion At Rated Output	0.5%	0.5%	0.5%	0.5%	0.04%	0.25%
Hum and Noise, in db below rated output: Amplifier Section	88 db	88 db	90 db	95 db	NA*	90 db (Overall)
Frequency Response, in DB Overall	20-20,000 cps ± 1 db	20-20,000 cps ± 1 db	20-20,000 cps ± 1 db	20-20,000 cps $\pm 1/2$ db	10-25,000 cps ± 1 db	8-46,000 cps ± 1 db
Sensitivity (for rated output) High Level Inputs	300 mv	300 mv	280 mv	230 mv	200 mv	0.7 Volt
Phono Inputs	3.5 mv	3.5 mv	3.5 mv	3.3 mv	2.8 mv	NA
Direct-Tape-Monitor	Yes	Yes	Yes	Yes	Yes	NA
Earphone Jack On Front Panel	Yes	Yes	Yes	Yes (Two)	No	NA
Derived Power, Center Channel Output	Yes	Yes	Yes	Yes	NA†	No
High Filter	Yes	Yes	Yes	Yes	Yes	NA
Rumble Filter	No	No	Yes	Yes	Yes	NA

*Not Applicable

†Has derived center channel for third amplifier

TUNERS	THE FISHER FM-50-B	THE FISHER XM-61	THE FISHER FM-100-B	THE FISHER FM-200-B	THE FISHER FM-1000 (FMR-1)
Sensitivity (IHFM)	2.2 μ V	1.8 μ V	1.8 μ V	1.6 μ V	1.5 μ V
Signal-to-Noise Ratio (100% Modulation)	70 db	70 db	70 db	75 db	75 db
Selectivity (Alternate Channel)	55 db	60 db	65 db	65 db	66 db
Capture Ratio (IHFM)	2.5 db	2.5 db	2.2 db	1.5 db	1.5 db
FM I.F. Stages	4	4	5	5	6
FM Wide-Band Limiters	3	3	4	5	5
Stereo-Mono Automatic Switching	No	No	Yes	Yes	Yes
Harmonic Distortion (100% Modulation)	0.5%	0.5%	0.4%	0.3%	0.3%
FM-Stereo Separation (At 1 Kc.)	35 db	35 db	35 db	35 db	35 db
Stereo Indicator	STEREO BEAM*	STEREO BEAM*	STEREO BEACON*	STEREO BEACON*	STEREO BEACON*
Inter-Station Muting	No	No	Yes	Yes	Yes

*Patent Pending



A Word To Our Patrons

No one purchase that is made for the home can be expected to give so much pleasure, and to keep on giving it for so long a period of years, as a stereophonic high fidelity installation. FISHER equipment is designed from the outset with you, the user, in mind. Its every aspect — performance, appearance, flexibility, simplicity of control — reflects a depth of engineering know-how based on twenty-five years of leadership. May I extend a cordial invitation to you to visit your FISHER dealer. He will be glad to arrange for a personal demonstration of the latest FISHER instruments and will help you select the model that fully meets your requirements.

Avery Fisher

President, Fisher Radio Corporation

Authorized Fisher Dealer