

The Stereo Receiver

*EVERYTHING YOU NEED ON ONE,
BEAUTIFULLY INTEGRATED CHASSIS*

Simply Add Two Speakers of Your Choice

Some people believe only a technically inclined individual can properly select a high-quality, precision-engineered high fidelity system. Nothing could be further from the truth.

Today anyone who can read and hear can quickly select an outstanding stereo high fidelity system. And installing a component hi-fi system is a great deal easier nowadays than putting up a TV antenna.

This simplification was achieved by combining all the many specialized components one required for stereo onto *one, completely integrated chassis*. This instrument is known as a RECEIVER, and the most popular components in the high fidelity industry are Fisher RECEIVERS. With the purchase of a RECEIVER, all one needs to do is add a pair of speaker systems. Speaker cables can be connected to a RECEIVER in seconds.

All Fisher RECEIVERS are matched to all Fisher Speaker Systems. The wide selection of Fisher RECEIVERS and high-compliance Fisher SPEAKER SYSTEMS make it possible for one to 'personalize' a stereo system to any taste.

Fisher RECEIVERS are available in moderately-priced, deluxe and luxury class models. Their circuitry is of tube, all-transistor or Integrated Circuit design, and are therefore available to meet the taste and budget of any music lover. Each model, regardless of cost, is designed to the highest standards in performance: *they will not sound strikingly different*. But they differ greatly in all other aspects, such as flexibility of control, power handling capacity, conveniences, number of input and output connections, physical size, engineering circuitry, and external appearance.

The Fisher 200-T™

All-Transistor, 70-Watt FM-Stereo Receiver featuring Microcircuitry



If one could devise a meaningful ratio of *total performance per dollar expenditure* among high fidelity units, the new Fisher 200-T would unquestionably be the winner in the *FM Receiver* category. Total performance means total reliability, and nowhere is one apt to find an instrument as capable as the new 200-T in providing years of high-performance, trouble-free service at such surprisingly modest cost.

The outstanding feature of this instrument is its engineering sophistication: the use of microcircuits and Field Effect Transistors. Microcircuitry is an entirely new concept in electronic instrumentation in which complex sub-circuits and component parts are combined into a compact electronic structure no larger than this "o." Manual interconnections of resistors, capacitors and other components such as transistors and diodes are eliminated, thus increasing reliability and performance substantially.

In addition to its super-sensitive Field Effect Transistor (FET) front-end, the tuner section incorporates three Integrated Circuits (IC's) to perform the IF amplification and limiting functions. This is comparable to a complement of four IF stages and two limiters. For easy tuning and stereo program identification, Fisher engineers have included a tuning meter, which clearly and accurately indicates the point of maximum signal strength of the desired FM signal, and the exclusive STEREO BEACON, a patented Fisher invention, which automatically switches to the stereo or mono mode of FM reception.

The amplifier section has all the power and a degree of flexibility needed to complement the high quality tuning section. Its seventy watts of distortion-free power provide the necessary reserve to drive

additional speakers in other rooms of the home. For this purpose, the Fisher 200-T features a four-way speaker selector (*off, main, remote, main plus remote*). In its *Off* position, all speaker systems are silenced, and the listener can privately enjoy the stereo program through headphones that can be plugged into the front panel receptacle.

Controls and switches are logically grouped on the attractive gold-plated front panel and include dual-concentric Bass and Treble, Balance, Volume/*On-Off*, and the four-position program selector that affords facilities for tape playback and phonograph. The Tape Monitor switch permits one to compare the quality of material being taped with the original program, so that adjustments in tone quality and volume can be made. The Loudness Contour switch is an engineering device usually found only in costly, professional equipment. Its function is to restore the natural tonal balance of the lower bass and upper treble that is usually lost when the volume is set at a very low level. A front panel Muting switch removes hiss and noise between FM stations.

With all these advanced features, the Fisher 200-T is surely destined to be the standard in moderately priced FM Receivers for years to come. Although it is an engineering triumph of considerable proportions, it is also a model of simplicity in its ease of operation. The high fidelity newcomer and even the most discerning audio veteran will immediately find this instrument to his liking.

Size: 15 $\frac{1}{8}$ " wide, 4-13/16" high, 11 $\frac{1}{2}$ " deep (including knobs, and heat sink). *Weight:* 22 pounds. *Cabinet:* Walnut. Model 50-UW, Optional at additional cost.

The Fisher 220-T™

All-Transistor, 55-Watt AM-FM Stereo Receiver



The Fisher 220-T is a desirable selection for those who have never before owned a piece of high fidelity equipment. It is sensibly priced, fully integrated and extremely compact—the first AM-FM receiver of studio quality that everyone can afford. On one chassis are the finest AM and FM reception facilities, a flexible group of master audio controls and switches, a powerful 55-watt (IHF) amplifier, and—most significant of all—world-famous Fisher engineering—the kind you can depend on for years of trouble-free service.

Its front-end section incorporates an exclusive NEO-SYNCHRODE circuit with Field Effect Transistors (FET's). Four IF stages, three limiters, and a wide-band ratio detector follow this circuit. As a result, the 220-T attains a sensitivity (2.5 uV) and selectivity (50 db) that surpasses many costlier models considerably larger in size.

A multiplex system of the time-division type provides maximum stereo separation. The two important tuning conveniences that make Fisher equipment such a pleasure to use are the illuminated tuning meter and world-famous Fisher STEREO BEACON*. The tuning meter is located at the left of the dial scale and makes accurate tuning extremely simple.

The audio controls have been logically grouped on the front panel for ease of use. The four-position

Program Selector (Phono, FM Auto, AM, Aux) provides for a wide choice of program material. The auxiliary input can be a tape recorder or one of the new tape cartridge players. (8-track tape cartridge.) Dual bass, dual treble, and balance controls shape the texture and quality of the sound. For those who prefer private listening with headphones, the 220-T has a front-panel plug-in receptacle and speaker (main/remote) switch. There is even a switch to eliminate interstation hiss or noise on FM.

Fisher engineers have included a Tape Monitor circuit, which permits one to compare the quality of the original program with that of the material being taped, so that adjustments in bass, treble, or other controls can be made quickly, without changing cable connections.

*The trademark, STEREO BEACON, signifies this model has the exclusive convenience feature that automatically switches to the stereo mode, signals the presence of a stereo broadcast, and automatically switches back to mono again—according to the type of program being received.

Dimensions: 15 $\frac{1}{8}$ " wide, 4 $\frac{3}{16}$ " high, 13 $\frac{3}{4}$ " deep (maximum depth from control knobs to rear AM antenna in extended position).

Weight: 17 $\frac{1}{2}$ pounds.

Cabinet: Walnut, Model 50-UW, optional at additional cost.

The Fisher 500-T™

All-Transistor, 90-Watt FM-Stereo Receiver



Magnificent appearance, tremendous reserve power, reliable performance, unusually flexible audio controls—this winning combination of engineering and design features is why the Fisher 500-T is receiving the plaudits of the entire high fidelity industry, and why you have heard so much about this highly rated audio instrument.

The tuner and amplifier sections are models of perfection, and have all the attributes an audio professional would seek in two separate components. The tuner section incorporates the SUPER SYNCHRODE front-end comprising three Field Effect Transistors, a two-stage RF section, four-gang variable capacitor, and six tuned circuits. It offers high overload capability and the suppression of spurious response. Weak and distant FM stations come in loud and clear, even in areas near powerful FM transmitters. The illuminated signal-strength meter and world-famous STEREO BEACON are tuning conveniences that are virtually indispensable. The meter provides accurate tuning by indicating the point of maximum stereo separation and lowest distortion. The trademark, STEREO BEACON, signifies that the Fisher 500-T has the exclusive feature to automatically switch to the stereo mode, signal the presence of a stereo broadcast, and automatically switch back to mono again—according to the type of program being received.

Once the stereophonic audio signal is detected, it is fed into the superior time-division multiplex system. This circuit features an exclusive FOUR-DIODE COINCIDENCE CIRCUIT to eliminate false triggering of the stereo mode due to noise pulses. Only a true stereophonic signal can activate the multiplex system.

Among the most important features of the Fisher 500-T are the specialized controls for Mode/Tape Monitor and Program selection respectively. The Mode/Tape Monitor can be used to select the precise operating mode for the amplifier section, or playback mode for tape decks, tape cartridge players or tape recorders. The six-position Program selector permits one to tape record any program source and know that the performance will be a superb reproduction of the original material.

Four switches, to modify and control the audible sound, attest to the versatility of the instrument. Loudness Contour restores the tonal balance of lower bass and upper treble. These normally tend to thin out at lower volume settings. The MUTING Switch removes hiss, static and other interstation noise on FM as one tunes in along the dial. The High Filter switch removes annoying high-frequency noise from any program source (usually scratchy records). The Main/Remote Speaker Switch is generally used in conjunction with the headphone jack. It is designed for those who prefer to listen to stereo in complete privacy without disturbing others in the room, or who prefer a choice of listening to music in the main installation or remote area—the den and living room, or bedroom, for example. With 90 watts of power to draw on, the Fisher 500-T can drive the most inefficient speaker systems to full room volume.

Dimensions: 16¾" wide, 5½" high, 12¾" deep (maximum depth from control knobs to rear heat sink).

Weight: 21 pounds.

Cabinet: Walnut, Model 100-UW, optional at additional cost.

The Fisher 550-T™

All-Transistor, 90-Watt AM-FM Stereo Receiver



The best of AM and FM stereo reception, on one beautifully integrated chassis of ultrasophisticated design, has been incorporated in the new Fisher 550-T. For those who seek exceptional value, the most up-to-date circuitry, and the enjoyment of every type of musical program, here is the prize that wins the plaudits of the high-fidelity industry.

The Fisher 550-T has 90 watts of undistorted power, utilizes seven separate Integrated Circuits and two Field Effect Transistors in its tuning section, and has unlimited control flexibility for recreating the world of AM, FM, tape, phono, and other auxiliary sources such as TV and movie sound projectors.

Thanks to the miracle of Microcircuitry, this superb performance is well within the reach of all. The super-sensitive Field Effect Transistor front end is followed by six of these new ICs. These Microcircuits—no larger than this “o”—perform the important functions of IF amplification and superior limiting. A seventh Integrated Circuit is utilized for muting and for controlling the d'Arsonval tuning meter. The world famous STEREO BEACON automatically signals and switches from stereo to mono reception.

The new AM section, with greatly improved sensitivity and selectivity, has also been included. It has low distortion characteristics, comparable almost to the superb FM tuner section.

The amplifier section has the fullest complement of controls and switches for shaping the sound of

tape, phono, AM and FM to the needs of the listener. The new four-way speaker selector adds new flexibility to a unit that is far above others in versatility. With it, one can listen to speaker systems in the main installation, remote, both or *none*. In this fourth (off) position, the listener can enjoy the musical program through headphones that plug easily into the front-panel jack. A center channel output is provided to drive a center speaker to eliminate the ‘hole-in-the-middle’ effect of some listening areas.

Every known and desirable engineering advancement in solid-state and Microcircuit design has been incorporated in this remarkably compact, easy-to-use stereo receiver. Among the host of reliable, highly efficient circuits are several that were developed for use in aerospace technology.

The Fisher 550-T is a worthy addition to the home—the finest AM-FM receiver one can own. For the audio professional, the sophisticated music lover, and the discerning newcomer who seeks high quality, the Fisher 550-T warrants serious consideration and admiration.

Dimensions: 16¾" wide, 5½" high, 15¼" deep (maximum depth from control knobs to rear AM antenna in extended position).

Weight: 29 pounds.

Cabinet: Walnut, Model 100-UW, optional at additional cost.

The Fisher 700-TTM

All-Transistor, 120-Watt FM-Stereo Receiver



The Fisher 700-T sets the standard of excellence in high fidelity receivers. By whatever criterion one chooses—range of operation, breadth of control flexibility, over-all performance, undistorted high power—this instrument is without precedent. Its extraordinarily magnificent appearance—contrasting bands of walnut-textured and anodized panel inserts set against a 14-carat gold-plated front panel—dramatically underscores what many consider to be the finest home entertainment instrument ever made.

The 700-T has 120 watts of music power (IHF), a mighty reservoir capable of driving a number of speakers in a large auditorium as well as speaker systems in many other rooms of the home. A four-position Speaker Selector permits one to use speakers in the main or remote installation, or both, or in the privacy and comfort of headphones that plug into a receptacle on the front panel. A center channel output for a 'third' or remote speaker is included. This eliminates the problem of a "hole in the middle" that occurs when speakers are separated too widely. In addition to the group of silicon Field Effect Transistors, the 700-T employs twenty-two low-level and power silicon transistors.

This instrument features the SUPER SYNCHRODE[®] front end, with three Field Effect Transistors, two stages of RF amplification, six tuned circuits and a four-gang variable capacitor. This outstanding circuit has increased the sensitivity of the tuner section to its theoretical limit and enables it to intercept the weakest of FM signals. Four IF stages, three limiters and a wide-band ratio detector have been incorporated for maximum freedom from noise and interference.

A Four-Diode Coincidence Circuit, to eliminate triggering caused by spurious signals, has been included in the time-division multiplex section. In this

way, only the true stereo signal can trip the mono-stereo switch. The overall circuit of this multiplex system produces stereo separation that reaches the limits of perfection. For tuning ease and convenience, Fisher engineers have included an illuminated signal strength tuning meter, and world-renowned STEREO BEACON[†].

Specialized controls include a six-position program selector (Tape Head, Phono, FM Auto, FM Stereo, FM Mono, Aux) and a six-position Mode Selector (Mono, Stereo Filter, Stereo, Stereo Tape, Tape L, Tape R).

The unique Direct Tape Monitor allows quick adjustment of any tone control or switch, *without changing cable connections*. As a result, the material one records on tape can be completely free of noise, distortion, or other interference.

In its last two positions, Tape L and Tape R, one can playback each of four tracks of a monophonic tape through both loudspeakers simultaneously.

Four switches are centrally located on the front panel for instant use in modifying the sound. The *Loudness Contour* control equalizes volume at very low and very high frequencies. The *Low* and *High Filter* switches suppress low-frequency and high-frequency noise respectively. The *Muting* switch eliminates annoying noise between stations. The most elaborate electronic equipment now used by professionals palls in comparison to this remarkable instrument. It is truly spectacular in performance.

†U.S. Patent No. 3290443

Dimensions: 16¾" wide, 5½" high, 12¾" deep (maximum depth from control knobs to rear heat sink).

Weight: 24 pounds.

Cabinet: Walnut, Model 100-UW, optional at additional cost.

The Amplifier

*HIGH RESERVE POWER
and FLEXIBLE AUDIO CONTROLS
ON SEPARATE OR INTEGRATED CHASSIS*

The control-amplifier is the heart of a high quality stereo system. Its twofold function is to amplify the signal to the desired audible level, and to control the brightness and body of the sound, with the separate bass and treble tone controls. The loudness control maintains the desired relationship between bass and treble, even at low volume settings where ordinarily extreme bass and treble tone tends to thin out and disappear. (Human hearing is more uniformly efficient at higher volume levels).

At the outset, a fine high fidelity system may comprise a control amplifier, a pair of speakers, and a turntable or record changer—a combination obtainable at surprisingly modest cost. One can, at a later date, add a high-quality tuner, or tape recorder, *or both*, and thus enjoy unlimited freedom in selecting original program material.

In general, it is wiser to build gradually, with components of higher quality, than quickly with components of lesser quality. Good equipment can be expected to last twenty-five years, making the difference in cost between ordinary equipment and superb equipment relatively small.

Fisher control-amplifiers cover a wide range of reserve power and control flexibility. All Fisher amplifiers more than meet the requirements of the average home, with sufficient reserve for the addition of speakers in other parts of the home.

The Fisher TX-1000™

120-Watt Laboratory-Standard STEREO MASTER™ Control Amplifier



For those who seek an exemplary instrument in audio *power* and *control*, Fisher presents the TX-1000 — a 120-watt control-amplifier with the most sophisticated and reliable circuitry ever conceived for use in a high fidelity component. It has more power, more audio control and more pure performance than any other component *at any cost*, and is winning the accolades of all audio connoisseurs.

It features push button controls for speaker selection, filters and loudness contour. Its plug-in jacks for tape and phones, located on the lower insert of a magnificent gold-plated front panel, add an extra measure of convenience. With the headphone jack, one can enjoy the musical program in privacy, without disturbing others in the room.

The six-position program selector permits a choice of microphone, tape, phono, tuner, and includes inputs for reception of the audio portion of two auxiliary program sources. (i.e. telecast, movie, etc.) The separate Tape Monitor selector features *Left* and *Right* positions to facilitate playback of each of the four tracks of a monophonic tape through both loudspeakers simultaneously. Its DIRECT TAPE MONITOR feature permits one to instantly check the quality of

the material being taped and make adjustments without changing cable connections.

The center channel output is an added feature to enable one to drive a 'third' or remote speaker system. With 120 watts of music power (IHF), the new Fisher TX-1000 has more than adequate reserve to drive speaker systems in other rooms of the home.

Not only is this instrument the ideal for the most critical audiophile, but is definitely the most logical choice for the newcomer who can afford the luxury of the finest in enjoyment of records and tape.

This powerful and flexible instrument is the most reliable component in the high fidelity industry. Its all-silicon transistor circuitry is designed to operate smoothly under all operating conditions. This assurance of superb, trouble-free performance more than compensates for its higher cost, for it promises virtually unlimited years of service.

Dimensions: 15 $\frac{1}{8}$ " wide, 4 $\frac{1}{16}$ " high, 12 $\frac{3}{4}$ " deep (maximum depth from control knobs to rear heat sink).

Weight: 24 pounds.

Cabinet: Walnut, Model 50-UW, optional at additional cost.

Outstanding Features and Specifications

The best way to protect your investment in stereo high fidelity equipment is to know *what* you are buying. This is the reason we always publish full details on why FISHER instruments are the world's finest. They are your yardstick, revealing just what you are getting when you buy a FISHER component, and how it compares with competitive products. Your local dealer or a technically-minded friend can help you evaluate the specifications, if you wish.

FISHER RECEIVERS

| AMPLIFIER SECTION | 200-T | 220-T | 500-T | 550-T | 700-T | 400 | 500-C* |
|--|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| Music Power (IHF) | 70 watts | 55 watts | 90 watts | 90 watts | 120 watts | 65 watts | 75 watts |
| Harmonic Distortion (at 1 kHz and rated output) | 0.8% | 0.8% | 0.8% | 0.8% | 0.8% | 0.5% | 0.5% |
| RMS Power (at 1 kHz and rated distortion) | 25/25 watts | 20/20 watts | 32/32 watts | 35/35 watts | 50/50 watts | 28/28 watts | 32/32 watts |
| Intermodulation Distortion (60Hz + 7 kHz, 4:1) (SMPTE) | 1.0% at 25 watts, each channel | 1.0% at 20 watts, each channel | 0.8% at 32 watts, each channel | 0.8% at 35 watts, each channel | 0.8% at 50 watts, each channel | 0.8% at 30 watts, each channel | 0.7% at 35 watts, each channel |
| Frequency Response: Overall | 25-20,000 Hz ± 2 db | 30-20,000 Hz ± 1 db | 22-20,000 Hz ± 1 db | 22-30,000 Hz ± 2 db | 20-25,000 Hz ± 1 db | 25-25,000 Hz ± 1 db | 25-25,000 Hz ± 1.5 db |
| Power Amplifier Section | 20-25,000 Hz + 0, - 2 db | 25-25,000 Hz ± 1.5 db | 15-60,000 Hz + 0, - 1 db | 10-50,000 Hz + 0, - 2 db | 10-70,000 Hz + 0, - 1 db | 10-40,000 Hz + 0, - 2 db | 5-45,000 Hz + 0, - 2 db |
| Power Bandwidth (1% Distortion) (IHF) | 22-30,000 Hz | 28-30,000 Hz | 22-30,000 Hz | 20-24,000 Hz | 20-24,000 Hz | 25-30,000 Hz | 24-35,000 Hz |
| Damping Factor at 8 ohms | > 10 | > 20 | > 50 | > 10 | > 50 | — | — |
| Hum and Noise (volume control at minimum) | 80 db below rated output | 80 db below rated output | 80 db below rated output | 85 db below rated output | 80 db below rated output | 80 db below rated output | 80 db below rated output |
| Channel Separation (at 1 kHz) | > 45 db | > 50 db | > 45 db | > 50 db | > 50 db | 50 db | 50 db |
| Bass Controls (total variation at 50 Hz) | 17 db | 17 db | 26 db | 26 db | 26 db | 22 db | 23 db |
| Treble Controls (total variation at 10 kHz) | 16 db | 16 db | 22 db | 22 db | 22 db | 22 db | 23 db |
| Input Sensitivity | 3.5 mv | 3.6 mv | 3.5 mv | 2.5 mv | 3.5 mv | 4.4 mv | 3.3 mv |
| Phono Low | — | — | — | — | — | — | — |
| Phono High | 11 mv | 9.5 mv | 10 mv | 9 mv | 10 mv | 14 mv | 13 mv |
| Tape Head | — | — | 2.5 mv | 1.6 mv | 2.5 mv | 2.8 mv | 2.5 mv |
| Aux | 440 mv High 220 mv Low | 800 mv High 410 mv Low | 200 mv | 180 mv | 400 mv High 200 mv Low | 280 mv | 230 mv |
| FM TUNER SECTION | | | | | | | |
| Usable Sensitivity (IHF Standard) | 2.0 μv | 2.5 μv | 1.8 μv | 1.8 uv | 1.8 μv | 1.8 μv | 1.8 μv |
| Signal-to-Noise Ratio (100% Modulation) | 65 db | 65 db | 70 db | 68 db | 70 db | 70 db | 70 db |
| Selectivity (alternate channel) | 40 db | 50 db | 50 db | 50 db | 50 db | 60 db | 60 db |
| Spurious Response Rejection (at 100 MHz) | 90 db | 85 db | 90 db | 90 db | 90 db | 85 db | 85 db |
| IF Rejection (at 100 MHz) | 90 db | 90 db | 95 db | 90 db | 95 db | 85 db | 90 db |
| Image Rejection (at 100 MHz) | 60 db | 60 db | 80 db | 60 db | 80 db | 57 db | 65 db |
| FM Harmonic Distortion (400 Hz, 100% Modulation) | 0.5% | 0.5% | 0.5% | < 0.5% | 0.4% | 0.5% | 0.5% |
| FM Stereo Separation (at 1 kHz) | > 35 db | 35 db | > 35 db | > 35 db | 40 db | 35 db | 35 db |
| Capture Ratio | 2.5 db | 2.5 db | 2.2 db | 2.0 db | 2.0 db | 2.5 db | 2.5 db |

Because its products are subject to continuous improvement, Fisher Radio Corporation reserves the right to modify any design or specification without notice and without incurring any obligation.

All Fisher high fidelity components operate on 50 to 60-Hertz AC current and are available for 200-250 volt usage.

*The Fisher 800-C AM-FM Stereo Receiver has an identical FM section.

FISHER TUNERS

| | R-200-B† | TFM-200 | TFM-300 | TFM-1000 |
|--|---------------------------|-------------|-------------|---------------------|
| Frequency Response* (In Hz) | 20-15,000 | | | |
| Sensitivity (IHF) | 1.8 μ V | 1.8 μ V | 1.8 μ V | 1.8 μ V |
| Signal-to-Noise Ratio (100% Mod.) | 70 db | 70 db | 70 db | 70 db |
| Selectivity (Alternate Channel) | 50 db | 55 db | 55 db | 70 db |
| Capture Ratio (IHF) | 2.5 db | 2.2 db | 2.0 db | 0.6 db |
| Harmonic Distortion (100% Mod.) | 0.4% | 0.5% | 0.4% | 0.2% |
| Spurious Response Rejection (at 100 MHz) | 100 db | 90 db | 90 db | 90 db |
| IF Rejection (at 100 MHz) | 90 db | 90 db | 90 db | 95 db |
| Image Rejection (at 100 MHz) | 70 db | 65 db | 65 db | 80 db |
| Front-End Circuit | NUVISTOR-GOLDEN SYNCHRODE | | | SUPER SYNCHRODE FET |
| FM IF Stages | 4 | 4 | 5 | 5 |
| FM Wide-Band Limiters | 3 | 3 | 5 | 4 |
| Wide-Band Ratio Detector | Yes | Yes | Yes | COUNTER DETECTOR |
| FM-Stereo Separation (at 1 kHz) | 40 db | 40 db | 40 db | greater than 40 db |
| Interstation Muting | Yes | Yes | Yes | Yes |

*The frequency response shown represents the audio frequency range transmitted by the FM stations. The actual bandwidth of Fisher tuners is considerably greater.

†Multi-Band Tuner: FM, Long Wave, Short Wave, Standard AM Band, and 49-Meter SW Band.

FISHER AMPLIFIERS

| | TX-100 | TX-1000 | 400-CX | SA-1000 |
|--|-------------------------|---------------------------|-------------------------|---------------------------|
| Music Power Output (IHF, Both Channels) | 65 watts | 120 watts | NA | 150 watts |
| Harmonic Distortion at Rated Output | 0.5% | 0.5% | 0.04% | 0.25% |
| Power Output (RMS) per Channel | 25 watts | 50 watts | (Max. 2.5 volts RMS) | 65 watts |
| IHF Power Bandwidth | 16-36,000 Hz @ 1.0% THD | 22-24,000 Hz @ 1% THD | NA | 12-45,000 Hz @ 1.0% THD |
| Intermodulation Distortion (SMPTE) at Rated Output | 0.8% | 0.8% | 0.2% | 0.4% |
| Hum and Noise below Rated Output | 75 db | 90 db | 80 db | 90 db |
| Frequency Response Overall | 25-35,000 Hz \pm 2 db | 20-40,000 Hz \pm 1.5 db | 20-25,000 Hz \pm 1 db | 6-100,000 Hz \pm 2.5 db |
| Power Amplifier Section | 10-25,000 Hz \pm 2 db | 10-60,000 Hz + 0, -2 db | NA | 6-100,000 Hz \pm 2.5 db |
| Sensitivity for Rated Output (High Level Inputs) | 400 mv | 200 mv | 200 mv | 0.7 to 2.75 volts |
| Sensitivity (Phono Inputs) | 3.5 mv | 2.0 mv | 2.8 mv | NA |
| Sensitivity (Tape Head Inputs) | 2.5 mv | 1.8 mv | 1.5 mv | NA |
| High Filter | Yes | Two | Yes | NA |
| Rumble Filter | Yes | Yes | Yes | NA |

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