

OPERATING INSTRUCTIONS AND WARRANTY



THE FISHER

FM-200

FM TUNER

WORLD LEADER IN HIGH FIDELITY

PRICE \$1.00

(c) www.fisherconsoles.com

Congratulations!

WITH your purchase of a FISHER instrument you have completed a chain of events that began many months ago, in our research laboratories. For it is there that the basic concept of the equipment you have acquired came into being—its appearance, its functions, its quality of performance.

But the end step—your purchase—is merely a beginning. For you and your family, it will provide years of musical pleasure. The FISHER is from its inception designed to give long and trouble-free service. Some of the instruments we made twenty-three years ago are still in use today!

It is our continuing desire that your FISHER give you always the best performance of which it is capable. If you need our assistance at any time toward that objective, please keep in mind that we are always at your service.

IN CLOSING —

Many hours have been spent by our engineers and technical writers to create this instruction book for your guidance and enjoyment. If you want the most out of your FISHER, there is only *one* way to obtain it. With the equipment before you, *please read this booklet carefully*. It will be time well-spent.

Avery Fisher

Fisher Firsts Milestones In Audio History

- 1937 America's first high fidelity sound systems. Featured a beam-power amplifier, inverse feedback, acoustic speaker compartments (infinite baffle and bass reflex) and magnetic cartridges.
- 1937 First exclusively high fidelity TRF tuner, featuring broad-tuning 20,000 cycle fidelity.
- 1937 First two-unit high fidelity system with separate speaker enclosure.
- 1938 First coaxial speaker system.
- 1938 First high fidelity tuner with amplified AVC.
- 1939 First Dynamic Range Expander.
- 1939 First 3-Way Speaker in a high fidelity system.
- 1939 First Center-of-Channel Tuning Indicator.
- 1945 First Preamplifier-Equalizer with selective phonograph equalization.
- 1945 First logging scale for simple and accurate location of station frequencies.
- 1948 First Dynamic Range Expander with feedback.
- 1949 First FM-AM Tuner with variable AFC.
- 1952 First 50-Watt, all-triode amplifier.
- 1952 First self-powered Master Audio Control.
- 1953 First self-powered, electronic sharp-cut-off filter system for high fidelity use.
- 1953 First Universal Horn-Type Speaker Enclosure for any room location and any speaker.
- 1953 First FM-AM Receiver with a Cascode Front End.
- 1954 First low-cost electronic Mixer-Fader.
- 1954 First moderately-priced, professional FM Tuner with TWO meters.
- 1955 First Master Audio Control Chassis with five-position mixing facilities.
- 1955 First Peak Power Indicator in high fidelity.
- 1955 First correctly equalized, direct tape-head master audio controls and self-powered preamplifier.
- 1956 First to incorporate Power Monitor in a home amplifier.
- 1956 First All-Transistorized Preamplifier-Equalizer.
- 1956 First dual dynamic limiters in an FM tuner for home use.
- 1956 First Performance Monitor in a high quality amplifier for home use.
- 1956 First FM-AM tuner with TWO meters.
- 1956 First complete graphic response curve indicator for bass and treble.
- 1957 First Golden Cascode FM Tuner.
- 1957 First MicroRay Tuning Indicator.
- 1958 First Stereophonic Radio-Phonograph with Magnetic Stereo Cartridge.
- 1959 First high-quality Stereophonic Remote Control System.
- 1959 First complete Stereophonic FM-AM Receiver (FM-AM tuner, audio control, 40-watt amplifier.)
- 1960 First complete stereophonic FM-AM receiver with 60-watt power amplifier.
- 1960 First stereophonic receiver to use the new, revolutionary Type-7591 power output tube. (Featured in the FISHER 800.)
- 1960 Smithsonian Institution, Washington, D.C., accepts for its collection America's first commercially manufactured high fidelity radio-phonograph, made by Avery Fisher in 1937.

(A Table of Contents will be found on the following page.)



THE FISHER FM-200 FM-TUNER

FISHER RADIO CORPORATION has always taken great pride in maintaining a series of components for those who will accept nothing less than the best that modern engineering can achieve. The *FM-200* Frequency Modulation tuner is the latest in this premium line of instruments for the professional and the audio perfectionist. In creating the *FM-200*, our engineering staff had only one object in mind: to design the most sensitive, distortion-free, stable and convenient tuner ever conceived. This objective has been fully realized in the *FM-200*. It achieves a sensitivity of 0.5 microvolts for 20 db of quieting with a 72-ohm antenna (IHFM Sensitivity rating of only 1.6 microvolts) — the highest sensitivity ever attained in a commercial FM tuner. This is achieved by employing the famous FISHER Golden Cascade front-end with low-noise frame-grid triodes for the RF amplifiers. For the first time in FM history, *six* IF stages and *five* limiters are used. Each IF stage is individually aligned with an oscilloscope to assure wide-band, distortion-free operation. The wide-band detector, including two matched semiconductor diodes, provides the lowest possible distortion and a high degree of additional limiting action. Multiplex and cathode-follower outputs are provided to permit easy installation in any high fidelity system.

In addition to these quality features, the *FM-200* incorporates exclusive FISHER Electronic Switch Interstation Noise Suppression (on multiplex as well as main outputs), input balun coils for rejection of car ignition noise, a Local-Distant switch, and the ultimate achievement in tuning convenience and accuracy — the FISHER MicroTune, which automatically disables AFC during tuning.

An illuminated signal strength meter is provided to assure accurate tuning; the front-end is fully enclosed and more than meets FCC radiation specifications.

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Most important of all, however, is the craftsmanship and the painstaking care which go into each FISHER unit. You can be sure that your *FM-200* has been checked and re-checked each step of the way, and that it has met our stringent Laboratory Standards in each particular before leaving the factory. By purchasing the best, you have assured yourself of many years of pleasurable trouble-free radio listening.

THREE-STEP INSTALLATION PROCEDURE

The FISHER *FM-200* is designed to operate on *AC only* at 105-120 volts, 50-60 cycles. (A 1-ampere, slo-blo fuse is located on the rear panel.) The *FM-200* may be mounted horizontally or vertically (but not on its side) in any location which will provide sufficient ventilation. It should never be completely enclosed and should never be installed above other heat-producing equipment such as amplifiers. Sufficient room should be left between the bottom plate and the supporting surface for the circulation of air underneath the chassis. This can be accomplished by using the plastic feet supplied or by using two wooden strips in custom installations. (See page 7 for additional information concerning custom installations.) Installation of the *FM-200* can be accomplished in the following three easy steps.

1. Connect the FM antenna to the two screw terminals marked FM ANT on the rear panel as shown in Figure 1. All 300-ohm antennas, including the laborator-matched folded dipole supplied with the *FM-200*, may be installed by connecting

the leads to these terminals. If you are using a 72-ohm shielded antenna system, use the professional-type coaxial jack on the rear panel. The Antenna Selector on the front panel is used to match the input impedance of the set with the impedance of the antenna employed. Make certain that the switch is in one of the 300-ohm positions when using the folded dipole antenna, and in one of the 72-ohm positions when using a shielded antenna; the DISTANT positions are normally used.

2. Using the cable supplied (with standard RETMA plugs at either end), or a longer one if necessary, connect the Main Output jack on the rear panel to the Channel A tuner input on your amplifier or preamplifier. (A 600-ohm output is also provided for professional applications.) Cables up to 50 feet in length may be used for this purpose without any loss in signal quality.

3. The power cable of the *FM-200* should be attached to a convenience outlet on your amplifier or preamplifier, if such an outlet is provided. By doing this, you will be able to turn both the tuner and associated equipment on and off with only one power switch.

OPTIONAL CONNECTION FOR TAPE RECORDER:

If you wish to make tape recordings directly from the tuner, an additional output jack is provided on the rear panel. The output at this jack is controlled by the Audio Level Control (see page 3). In most home systems, it is preferable to connect a tape recorder to the recorder output jacks on the amplifier.

HOW TO OPERATE THE FM-200

Your FISHER *FM-200* is now ready for operation. In order for it to operate properly, however, several initial adjustments must be made, for the best possible results, we recommend that you follow the procedure given in this section exactly, and then carefully read the information concerning the front panel controls (see Figure 1).

Initial Adjustments . . .

ANTENNAS:

1. Turn the set ON with the Power switch on the front panel of the *FM-200* and the power switch of your amplifier.

2. By rotating the Tuning knob, tune to a station you particularly want to receive. With the Muting and AFC switches OFF, position the arms of your antenna horizontally and rotate them to the direction which gives the strongest signal on the meter (indicated by higher number). The antenna should be per-

manently mounted in this position, and should be kept away from electrical wiring or water pipes and other large metal objects. If necessary, the antenna may be placed under a carpet, but as a general rule, reception improves as the height of the antenna is increased. The folded dipole antenna should never be folded or coiled and the arms should always be mounted horizontally.

THE LEVEL SET:

NOTE: If your amplifier has an input level control for the tuner input, turn it fully clockwise and then follow this procedure.

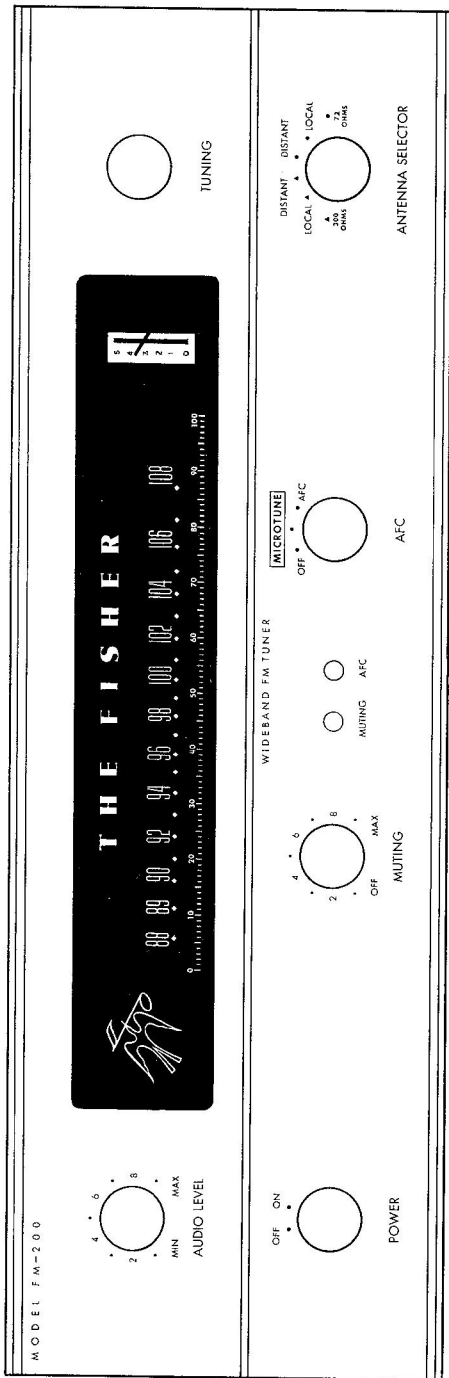


Figure 1. Front Panel of the FM-200

1. Play a record through your high fidelity system.

2. Compare the output level of the tuner with the record. Turn the Audio Level Control on the front panel of the *FM-200* to a position which gives equal sound levels when switching between the record and the tuner on your amplifier.

LOCAL—DISTANT SWITCHING:

1. If you live very close to an FM transmitter, the highly sensitive input circuits of your *FM-200* may be overloaded. If you receive a strong station at several places across the band, or if you hear a strong station in the background when tuned to a weak station, your input circuits are being overloaded.

2. To correct this condition, simply use the LOCAL position of the Antenna Selector which corresponds to the type of antenna you are employing. This will reduce the signal level at the antenna input and, therefore, remove the possibility of overload.

MUTING:

1. With the Muting control OFF, tune *between* stations to a position which gives an average amount of interstation noise and hiss.

2. Turn the Muting control slowly clockwise to a position just a bit beyond the point where the noise disappears. This setting will eliminate interstation noise while permitting you to hear even weak stations. By turning the control further, you will eliminate the sound from the stronger stations.

MICROTUNE SENSITIVITY:

1. Turn the AFC switch to MICROTUNE.

2. Place your hand on the FM tuning knob. The red AFC light should now click off. While intermittently touching the tuning knob, make a fine adjustment of the Micro-Tune Sensitivity control for the quickest response to the action of your hand.

The Controls . . .

POWER SWITCH: Turns the *FM-200* ON and OFF. The *FM-200* should be OFF when listening to other program sources in order to preserve the life of the tubes.

TUNING: The Tuning knob selects stations in the band from 88 to 108 megacycles. The pointer on the slide rule dial accurately indicates the frequency to which you are tuned in megacycles. The heavy flywheel action of the tuning knob permits easy and rapid location of the station you desire. In addition, a logging scale is provided on the dial for convenient identification of your favorite stations. Since the scale is linear and the gradations are equal, you can locate stations much more easily with the logging scale than with the ordinary frequency scale.

FM stations should always be tuned with AFC disabled (AFC light on the front panel OFF), because the AFC action makes it impossible to find the precise point of maximum signal strength and minimum distortion. On the *FM-200*, the MicroTune circuit *automatically* turns the AFC off when you touch the Tuning knob. After you have tuned for maximum indication on the meter and removed your hand from the knob, the AFC (and AFC light) automatically clicks on and corrects whatever small tuning errors may have been made.

AFC SWITCH: This switch selects the type of AFC action desired. In the OFF position, the AFC is permanently disabled. This position may be used for applications where AFC is not desired. The MICROTUNE position permits automatic operation of the AFC circuits, as previously described under TUNING. When the switch is placed in the AFC position, the AFC circuits function even while tuning.

MUTING CONTROL: Adjusts the Electrical Switch muting circuits so that unwanted interstation noise is eliminated without affecting the desired FM stations.

ANTENNA SELECTOR: The Antenna Selector is a four-position switch which is used to select Local or Distant operation with either a 300-ohm balanced antenna system or a 72-ohm unbalanced system. Since separate 300-ohm and 72-ohm input jacks are provided on the rear panel, it is possible to connect both types of antenna to the *FM-200* permanently and select the antenna you wish directly from the front panel. This feature is particularly useful for those who wish to receive both strong local stations (on a 300-ohm omni-directional antenna) and weak or distant stations (for which a 72-ohm, highly directional antenna is recommended). See page 4 for an explanation of the Local-Distant feature.

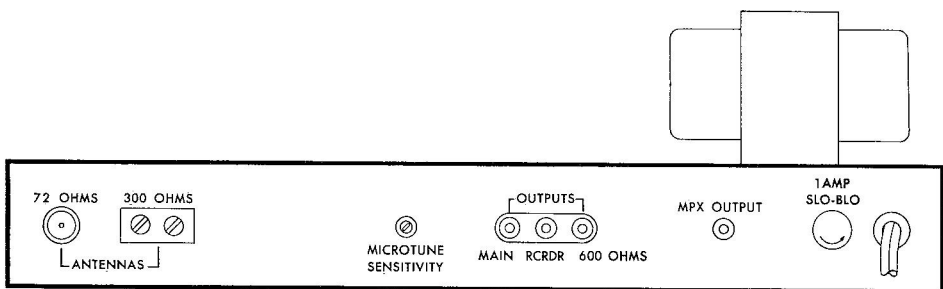


Figure 2. Rear Panel of the FM-200

FM MULTIPLEX BROADCASTS

Multiplex transmission is a method of broadcasting a stereophonic (dual-channel) signal over a single FM station. An adaptor is needed to receive both channels. At the present time, several systems are being considered by the F.C.C. for eventual adoption. When a standard method of multiplex broadcasting is accepted by the F.C.C., Fisher Radio Corporation will make available an adaptor that will be attached to the Multiplex Output jack on the rear panel of the *FM-200*.



TO ASSURE TOP PERFORMANCE ALWAYS USE FISHER LABORATORY TESTED TUBES

The outstanding performance of Fisher instruments is the result of careful attention to detail, both in engineering and production. One of the most important factors is the use of laboratory-matched tubes throughout. Should the need for tube replacement arise, be sure to insist on Fisher Laboratory-Matched Tubes. They cost no more than ordinary, mismatched commercial tubes. You will thus be assured of top performance over the years.

SERVICE NOTES

Replacing Panel Lamps . . .

Replacing the dial lamps is made easy, even in custom installations, by simply removing the front panel. First disconnect the AC power cord as a precaution. Remove all the knobs from the panel. Remove the two hex nuts and then lift off the panel. The lamps are held in place by spring clips and can be removed with the fingers. Replace with a new lamp from your FISHER Dealer (Part Number I50082-6). The two indicator lamps (Part Number I50009-1 or GE No. 47) are the bayonet type and should be removed by pressing against them slightly and turning counter-

clockwise. The lamp which illuminates the tuning meter may be changed from the top, without removing the front panel. This lamp, which is specially frosted to provide a softer and more uniform effect, may be ordered from your FISHER Dealer by specifying Part Number I50009-4.

Cleaning the Dial Glass . . .

1. Remove the front panel as described in the preceding paragraph.
2. Loosen the screws that retain the clips to the dial glass. (When you replace the dial glass, make certain to reset it in the same

position that it occupied before removal.) Swing the clips aside, and then lift off the glass.

3. Remove dust with a dry rag. If you wish to clean more thoroughly, use a soap and water solution *only*; if you use any stronger cleaning agent, you may damage the markings on the glass.

At Your Service . . .

It is our desire that THE FISHER operate to your complete satisfaction. We solicit your

correspondence on any special problems that may arise. After you have had an opportunity to familiarize yourself with THE FISHER, we would appreciate hearing from you concerning how the *FM-200* is meeting with your requirements.

Your Fisher Dealer . . .

Be sure to consult your FISHER dealer promptly if any defect is indicated. Your FISHER dealer stands ready to assist you at any time.

CUSTOM INSTALLATION

Two special custom cabinets, designed to accommodate the *FM-200* are available from your Fisher dealer. These are the Model MC-1 metal cabinet, with vinyl covering, and the Model 10-U wood cabinet, in walnut and mahogany. Both are attractively designed to enhance your room decor. The *FM-200* may also be mounted in your own custom cabinet. Directions and illustrations are provided in this section.

Because adequate ventilation is an absolute essential for trouble-free operation, never install the *FM-200* in a totally enclosed space, on top of another amplifier, or too close to other heat-producing equipment. If it is installed in a cabinet, the back should remain open and not be flush with the wall. If the cabinet is equipped with ventilation grilles on top, do not block the passage of air with books or other articles.

The *FM-200* may be installed in two ways: with cleats, to raise it above the floor of the cabinet to provide ventilation through the perforated chassis cover; or, without cleats, in which case cut-outs must be made in the cabinet floor. The two types of installation follow:

Installing with Cleats . . .

1—Obtain a strip of wood $\frac{3}{4}$ inches square and 23 inches long. Cut this strip in half to form two $11\frac{1}{2}$ -inch cleats.

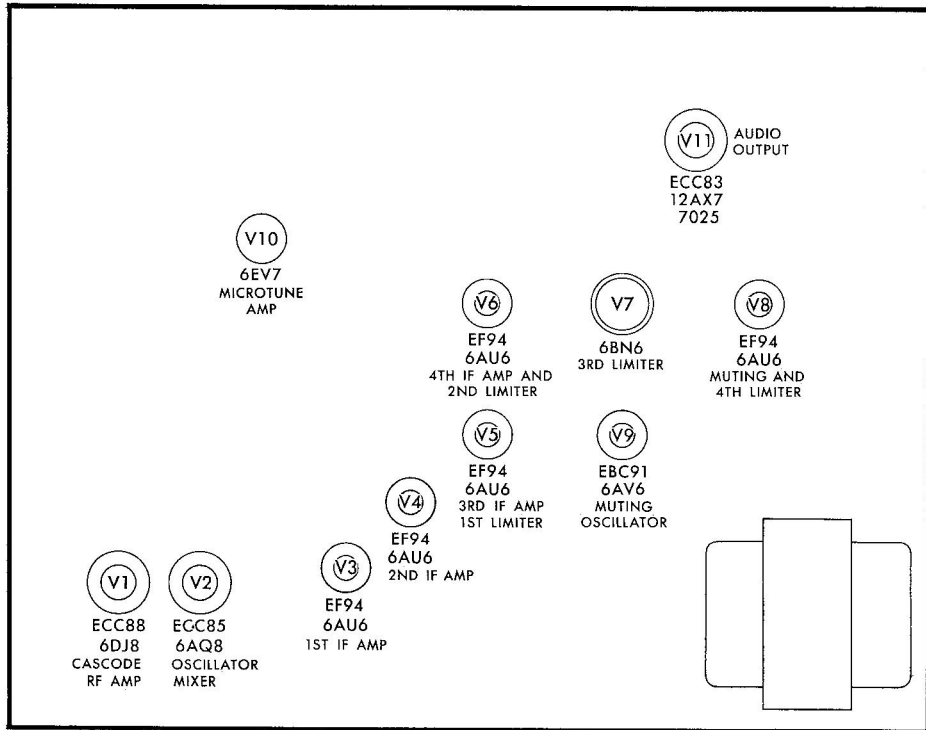
2—Fasten the two cleats to the top of the mounting board with wood screws in the positions shown in Figure 3. The screw heads dictated.

should be flush with the top of the cleats. Then locate and drill four $\frac{1}{4}$ -inch holes through the mounting board and cleats as in 3—Saw a cutout through the front panel of your cabinet ($4\frac{1}{2}$ by $14\frac{3}{4}$) as shown in Figure 4. The bottom edge of the cutout should be on a level with the top of the two cleats.

4—Remove the four plastic feet from the *FM-200* and insert the chassis through the *front* of the panel cutout. Slide the chassis into the cabinet until the back of the control panel is tight against the panel of the cabinet.

5—Insert the four $1\frac{1}{2}$ -inch screws (see Note below) supplied in the accessories bag through the holes in the bottom of the mounting board and fasten the chassis into place.

CAUTION: The accessories bag contains two lengths of screws, 1" and $1\frac{1}{2}$ ". The $1\frac{1}{2}$ " screws are for use only on mounting shelves that are $\frac{3}{4}$ " thick or more. Any other use of these long screws will cause short circuits inside the chassis.



AW 1830

Figure 3. Tube Layout

For shelves that are less than $\frac{3}{4}$ " thick, use the 1" screws, or the even shorter ones supplied with the original plastic feet on the bottom of the chassis.

Flush Installation (No Cleats) . . .

Cutouts must be made in the shelf beneath the chassis, and the back of the cabinet must remain open. After removing the four plastic feet from the *FM-200* proceed as follows:

- 1—Locate and drill four holes in the mounting board of the cabinet as shown in Fig. 3. These holes are $\frac{1}{4}$ inch in diameter.
- 2—Saw a cutout in the shelf as shown.

3—Saw a rectangular cutout through the front panel of the cabinet to the dimensions shown in Fig. 4. Note that the bottom edge of the cutout is flush with the top of the shelf.

4—Insert the chassis through the *front* of the panel cutout. It is *not* necessary to remove the control panel from the chassis. Slide the chassis in all the way until the back of the *FM-200* front panel fits tightly against the panel of the cabinet.

5—Fasten the chassis to the shelf by means of the four one-inch mounting screws furnished in the accessories envelope for this purpose.

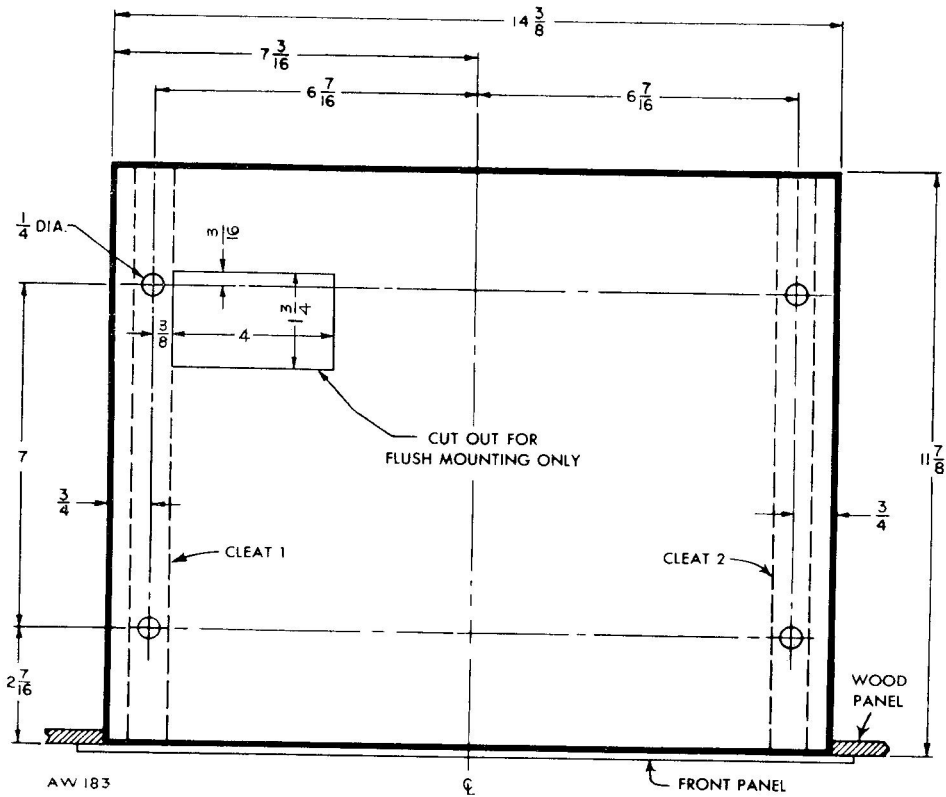


Figure 4. Top View of FM-200 Custom Installation

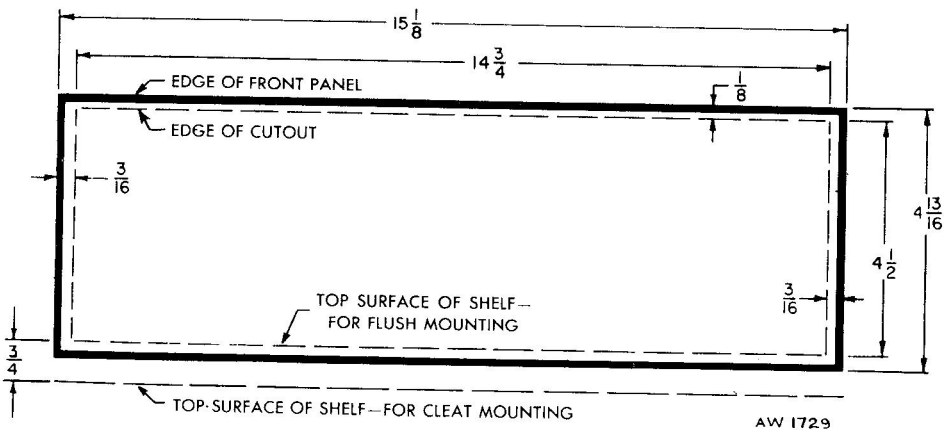


Figure 5. Front Panel Cutout

FOR THE TECHNICALLY-MINDED

Your FISHER *FM-200* is composed of several sections, each designed to perform its function in the most efficient manner that modern technology can devise. The FM tuner, for example, employs an input balun coil with bifilar windings which greatly attenuates car ignition and other noise, while permitting the transmitted FM signal to pass unattenuated. A 20-db pad may be switched into the circuit to prevent overload on strong local signals.

The cascode front-end employs the ECC88 tube, a premium frame-grid low-noise type especially designed for this application. Acoustical feedback is prevented by the special tuning capacitor, constructed of rigid, widely-spaced plates with minimum surface area. The entire front-end is pre-aligned and tested in accordance with our rigid Laboratory Standards and is encased in a shield to minimize external radiation. Both the mixer and oscillator stages employ triodes, which produce far less noise than the usual pentode converter.

The IF section is composed of six IF stages, including 12 tuned circuits and five limiters. For optimum results, the extent of limiting action depends on the strength of the input signal. This automatically overlapping action is obtained by using three low time-constant grid-leak limiters, one zero time-constant gated-beam limiter and the limiting action of the wide-band ratio detector. The peak-to-peak separation of the ratio detector, which is composed of two matched germanium diodes, is 1 megacycle. Interstation noise is suppressed by feeding the AGC voltage to a special oscillating amplifier which cuts off the final IF stage in the absence of a strong signal.

The MicroTune circuit consists of a hum-sensing device in the FM tuning knob, an amplifier to increase the hum voltage, and a relay which is activated by the amplified hum voltage. AFC action, without distortion, is obtained by using a double low-pass filter and a newly-developed silicon Varicap diode. Because of the finer tuning provided by the MicroTune circuit, a more convenient AFC action with a moderate pull-in ratio of 5:1 could be used.

The *FM-200* employs a low-impedance cathode-follower output, and the tuning meter is the highly accurate and sensitive D'Arsonval type. By thus employing, in each detail and for each function, only those circuits and components which produce the best possible results, the *FM-200* achieves a performance which cannot be equaled by any other tuner yet conceived.

If you wish any further technical information concerning any of the circuits or devices incorporated in the *FISHER FM-200*, please do not hesitate to write to us. We will be happy to answer any questions you may have.



TECHNICAL SPECIFICATIONS

RF and IF CIRCUITS:

Sensitivity (20 db of quieting)

With 72-ohm antenna 0.5 microvolt

With 300-ohm antenna 1.0 microvolt

IHF_M sensitivity rating 1.6 microvolt

Selectivity (Alternate channel) 65 db

Capture ratio 1.5 db

Harmonic distortion (100% modulation) 0.35%

Drift

Without AFC 0.02%

With AFC 0.004%

Calibration accuracy 0.2%

AUDIO CIRCUITS:

Frequency response 20 — 20,000 cps \pm 1/2 db

Harmonic distortion (at rated output) Less than 0.15%

Hum (below rated output) 76 db

Output voltage

Rated output 2 volts

Maximum output 4 volts

Output impedance Less than 200 ohms

Warranty To Owner

THE FISHER equipment you purchased was carefully tested and inspected before leaving our laboratories. If properly installed and operated in accordance with the instructions furnished, it should give you the finest results of which it is capable. This equipment is unconditionally guaranteed against all defects in material and workmanship for ninety days from date of sale to the original purchaser. Any part of the equipment which under normal installation and use, discloses such a defect, will be adjusted or replaced by the dealer from whom purchased. This guarantee is void if the equipment has been altered, or if the purchaser has failed to return the Warranty Card *within 10 days*.

FOR WARRANTY SERVICE, CONSULT YOUR DEALER

Please complete and return this
WARRANTY CARD

USER'S LAST NAME		FIRST NAME		INITIAL
USER'S HOME ADDRESS				
CITY		STATE		
DATE OF PURCHASE	MODEL NO.	SERIAL NO.		
•	•			

Name of Dealer _____

City _____ State _____

I heard of the FISHER through Friend Dealer Advertising

If purchased because of advertising, please give name of publication: _____

I chose THE FISHER because: _____

What I think of my FISHER equipment: _____

I also own these additional hi-fi units: _____

**WARRANTY VOID UNLESS COMPLETED AND RETURNED
WITHIN 10 DAYS AFTER DATE OF PURCHASE**

The Man Behind the Product

AVERY FISHER
Founder and President,
Fisher Radio Corporation



TWENTY-THREE YEARS AGO, Avery Fisher introduced America's first high fidelity radio-phonograph. That instrument attained instant recognition, for it opened a new era in the faithful reproduction of records and broadcasts. Some of its features were so basic that they are used in all high fidelity equipment to this day. One of these models is now in the permanent collection of the Smithsonian Institution as an example of the earliest high fidelity instruments commercially available in this country.

The engineering achievements of Avery Fisher and the world-wide reputation of his products have been the subject of descriptive and biographical articles in *Fortune*, *Time*, *Pageant*, *The New York Times*, *Life*, *Coronet*, *High Fidelity*, *Esquire*, *The Atlantic*, and other publications. Benefit concerts for the National Symphony Orchestra in Washington and the Philadelphia Orchestra, demonstrating recording techniques, and the great advances in the art of music reproduction, used FISHER high fidelity instruments both for recording and playback, to the enthralled audiences. FISHER equipment formed the key part of the high fidelity demonstration at the American National Exposition in Moscow, July 1959. FISHER FM and FM-AM tuners are the most widely used by broadcast stations for monitoring and relay work, and by research organizations—under conditions where absolute reliability and maximum sensitivity are a 'must.'

The FISHER instrument you have just purchased was designed to give you many years of pride and enjoyment. If you should desire information or assistance on the performance of your FISHER, please do not hesitate to write directly to Avery Fisher, President, Fisher Radio Corporation, Long Island City 1, New York.

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FISHER RADIO CORPORATION

21-21 44th Drive

Long Island City 1, N. Y.

(c) www.fisherconsoles.com



IMPORTANT NOTICE ! READ CAREFULLY !

- One or more adjustments to control signal levels are located on the chassis of THE FISHER. If, after connecting your equipment in accordance with the installation instructions, signal levels are inadequate, see the paragraph in the instructions on Level Set adjustment. Follow the recommended procedure.
- In addition, be sure that the Level Sets (if any) on associated equipment are also properly adjusted. If you still experience difficulty, consult your FISHER dealer, or write us directly. For a prompt reply, be sure to supply information on your associated equipment, including make, model, and Level Set facilities, plus the make, model, and serial number of your FISHER.
- In any case, please bear in mind that, for best results, you must read the instructions completely before installing, or operating, your FISHER equipment.

FISHER RADIO CORPORATION • NEW YORK

42BR10M-80

THIS MATERIAL
PACKED BY:

No. 15

NOTE: All claims must mention
the above number.

411BR10M-90

No Merchandise Accepted For Return
Without Our Written Permission

**If Merchandise Has Been Damaged
In Transit, File Claim With Carrier.**

**Carrier's Inspection Report
Must Accompany All Claims.**

Fisher Radio Corporation

IMPORTANT NOTICE

PLEASE READ CAREFULLY

The tubes in this equipment may have worked loose during shipment. Please push them fully back into place, to insure proper functioning. If tube is covered with a shield, remove shield, push tube back into place, then replace the tube shield.

FISHER RADIO CORPORATION • LONG ISLAND CITY 1, N. Y.

42BR15M-129

17BR10M-80