

SHERWOOD

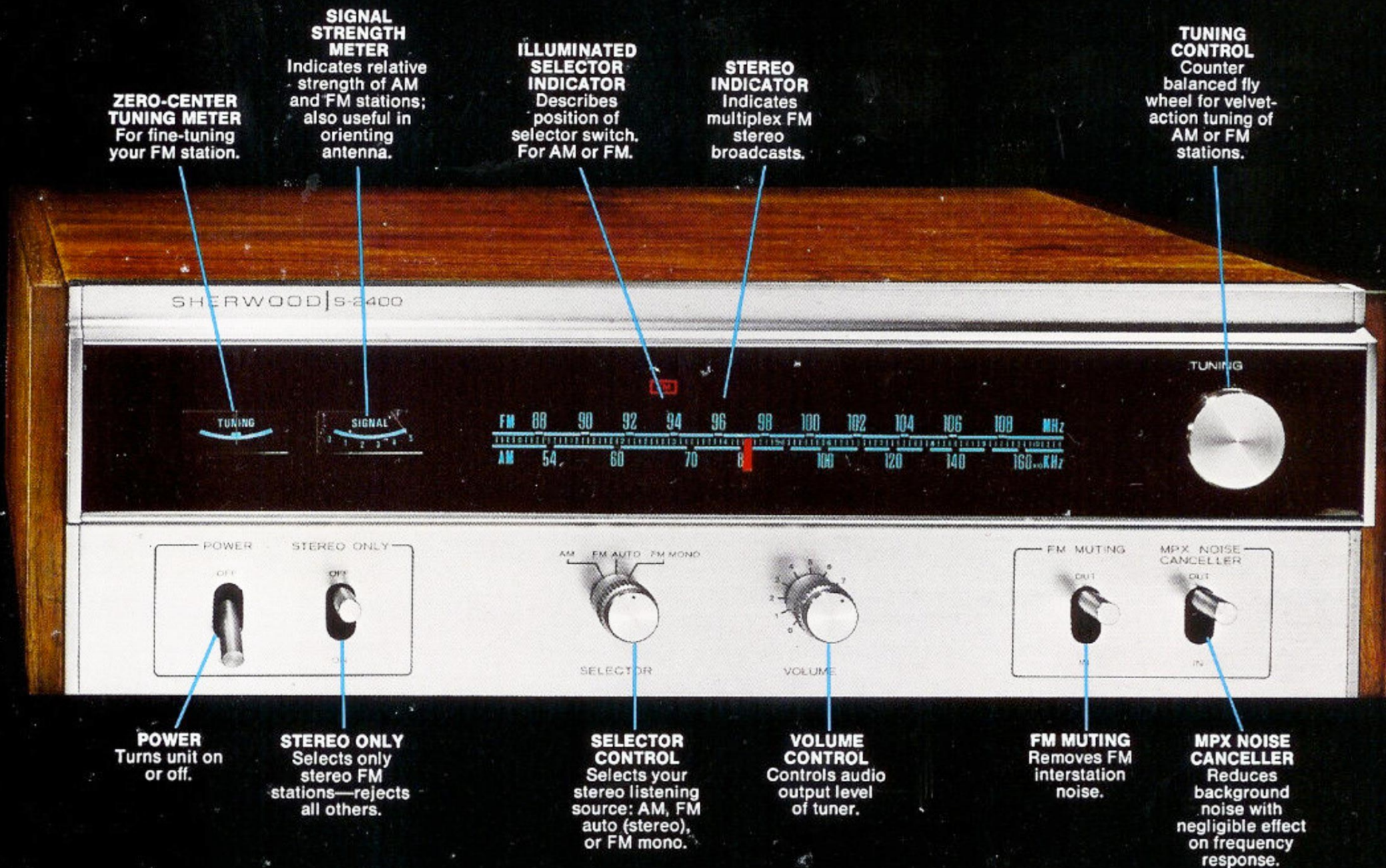
MODEL S-2400 SOLID STATE AM/FM STEREO TUNER

For those who prefer the versatility of separate components, Sherwood offers the S-2400 AM/FM stereo tuner, which incorporates every advanced circuit design and component device known to be reliable. Performance specifications are unequalled in its price range; the features offer outstanding flexibility and ease of operation; and the styling speaks for itself (the walnut case is included at no extra charge).



MODEL S-9400 SOLID STATE STEREO/DYNAQUAD AMPLIFIER

The perfect match for the S-2400 tuner! Model S-9400 represents true superiority in features, flexibility and specifications. Inputs for two phonos, microphones, two auxiliary inputs, tape deck plus 4-channel decoder (or a second tape deck). Power output of 100 watts RMS (8 ohms, both channels driven @ 1 KHZ) is outstanding. And built-in Dynaquad Four-Channel matrixing circuit offers thrilling 4-channel sound. Distinctive styling matches the S-2400 tuner (the walnut case is included at no extra charge.)



ZERO-CENTER TUNING METER
For fine-tuning your FM station.

SIGNAL STRENGTH METER
Indicates relative strength of AM and FM stations; also useful in orienting antenna.

ILLUMINATED SELECTOR INDICATOR
Describes position of selector switch. For AM or FM.

STEREO INDICATOR
Indicates multiplex FM stereo broadcasts.

TUNING CONTROL
Counter balanced fly wheel for velvet-action tuning of AM or FM stations.

POWER
Turns unit on or off.

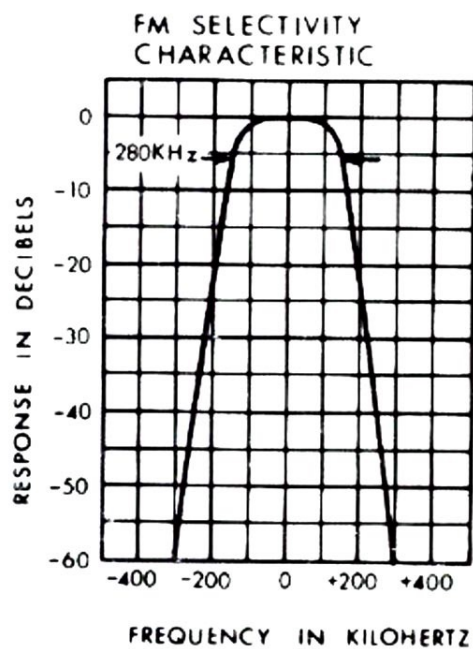
STEREO ONLY
Selects only stereo FM stations—rejects all others.

SELECTOR CONTROL
Selects your stereo listening source: AM, FM auto (stereo), or FM mono.

VOLUME CONTROL
Controls audio output level of tuner.

FM MUTING
Removes FM interstation noise.

MPX NOISE CANCELLER
Reduces background noise with negligible effect on frequency response.



Design features

1.8 μ v FM sensitivity (IHF). Four gang variable tuning capacitor. Junction type FET's in primary and secondary RF stages—image rejection is better than 90 db. Sherwood's new solid state ceramic FM IF filtering circuit provides superior selectivity and stability and lower FM distortion.

Control features

Two meters provide tuning for absolute center channel and maximum signal strength. Indicator lights for AM, FM, and FM stereo. Linear dial for ease in channel location. Balanced flywheel for velvet action tuning. Separate power off/on switch. "Stereo only" switch permits listening only to stereo stations—monophonic stations are muted. Selector switch for choice of AM, FM, Mono or FM stereo. Variable output volume control to control or match tuner output to the amplifier. FM muting to eliminate unpleasant noise while tuning between stations. Multiplex noise cancellor to reduce high frequency multiplex noise. Rear outputs for oscilloscope.

Four channel feature

"Four channel" FM output jack on rear panel permits four channel reception (with use of a special demodulator) when the FCC approves a method of broadcasting four discrete channels.

Walnut case included

3 YEAR WARRANTY ON ALL PARTS*

*See details on back page

LOW FILTER
When depressed reduces rumble from turntable and low frequency noise. (Attenuates at 12 db/octave).

SELECTOR CONTROL
Selects your stereo listening source: PHONO 1, PHONO 2/MIC, TUNER, AUX. 1, AUX. 2.

ILLUMINATED SELECTOR INDICATOR
Describes position of selector switch.

BALANCE
Balances the relative volume levels between your right and left speakers.

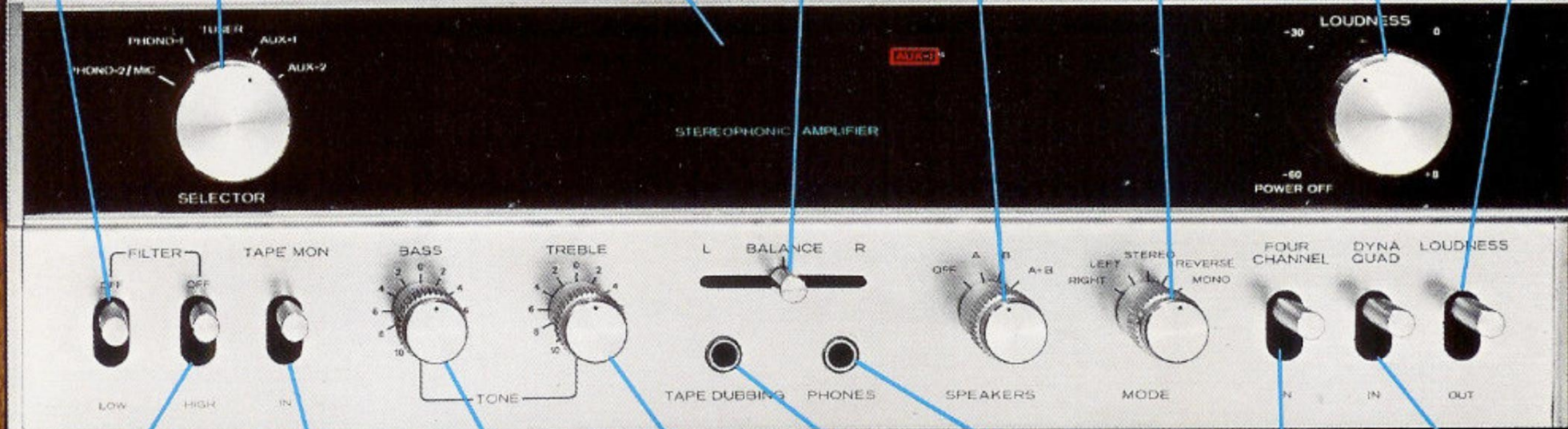
SPEAKERS
Selects your main stereo speakers (A), remote stereo speakers (B), both sets, or turns speakers off (for headphone listening).

MODE SWITCH
Permits listening to left channel only, right channel only, stereo, reverse or mono—through both speakers.

LOUDNESS
Master power ON/OFF and volume control for your speakers. Also automatically add bass compensation at low levels.

LOUDNESS
When depressed, defeats loudness control (which automatically increases bass tones at low volume levels).

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HI FILTER
When depressed cuts off scratch from records, or background "hiss" from noisy FM stations. (Attenuates at 12 db/octave).

TAPE MONITOR
Permits recording to, or (depressed) playing back from tape recorder; permits monitoring during recording.

BASS
Increases bass tones up to +12 db, decreases up to -12 db.

TREBLE
Increases treble tones up to +12 db, decreases up to -12 db.

TAPE DUBBING
Permits recording to, or playing back from, a second tape recorder. Also, permits dubbing from one recorder to the other.

PHONES
For private listening with stereo headphones.

FOUR CHANNEL
Controls special rear panel inputs and outputs for a 4 channel decoder (may also be used as a second tape monitor).

DYNAQUAD
Controls built-in Dynaquad 4 channel matrixing circuit.

Design features

160 watts of power (IHF) @ 8 ohms. 50+50 watts (RMS) @ 8 ohms @ 1 KHz, 40+40 watts from 20-20,000 Hz. Direct coupled output circuitry. 3 stage preamp section with FET for improved overload equalization accuracy. Instant overload protection (power monitoring relay electronically disconnects speakers if any D.C. potential is detected thus eliminating any damage to amplifier or speakers.)

Control features

Master on/off volume control which automatically adds bass at low volume settings. Five position program source selector with complementary indicator lights. High and low filters for eliminating high frequency hiss and low frequency rumble. Linear balance control. Speaker selector switch for controlling 2 sets of speakers, individually or simultaneously. Tape monitor switch for tape playback or direct tape monitoring while recording. Front panel tape jacks for headphones and tape-to-tape dubbing. Loudness switch for defeating automatic bass compensation in loudness control. Full mode switch for monitoring each channel separately, stereo, stereo reverse, or mono.

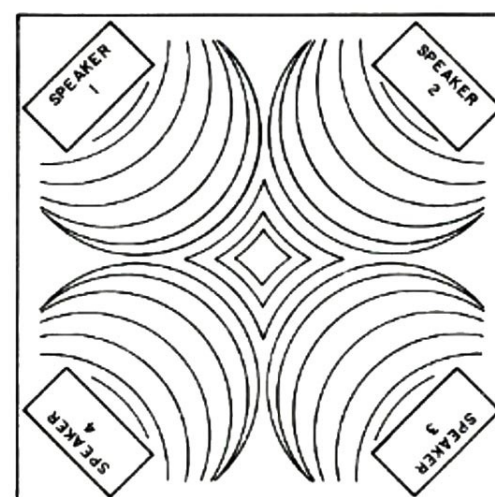
Four channel features

Special individual inputs and outputs for a four channel decoder (may also be used as a second tape monitor)—controllable with front panel "four channel" switch. Built-in Dynaquad four channel matrixing circuit—merely add 2 additional speakers for thrilling four channel sound.

Walnut case included

3 YEAR WARRANTY ON ALL PARTS*

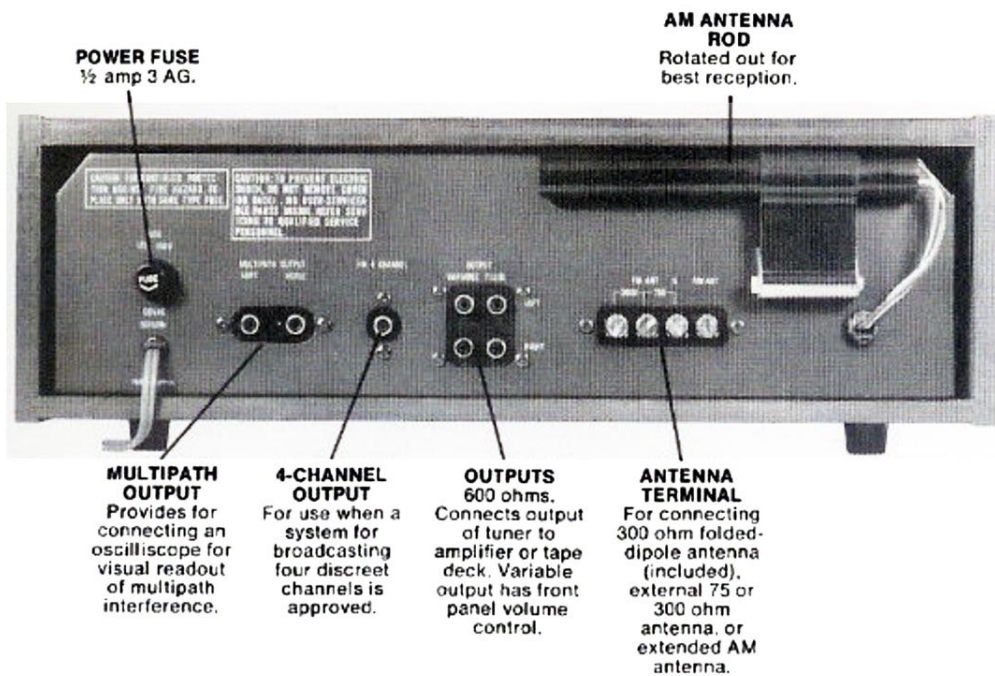
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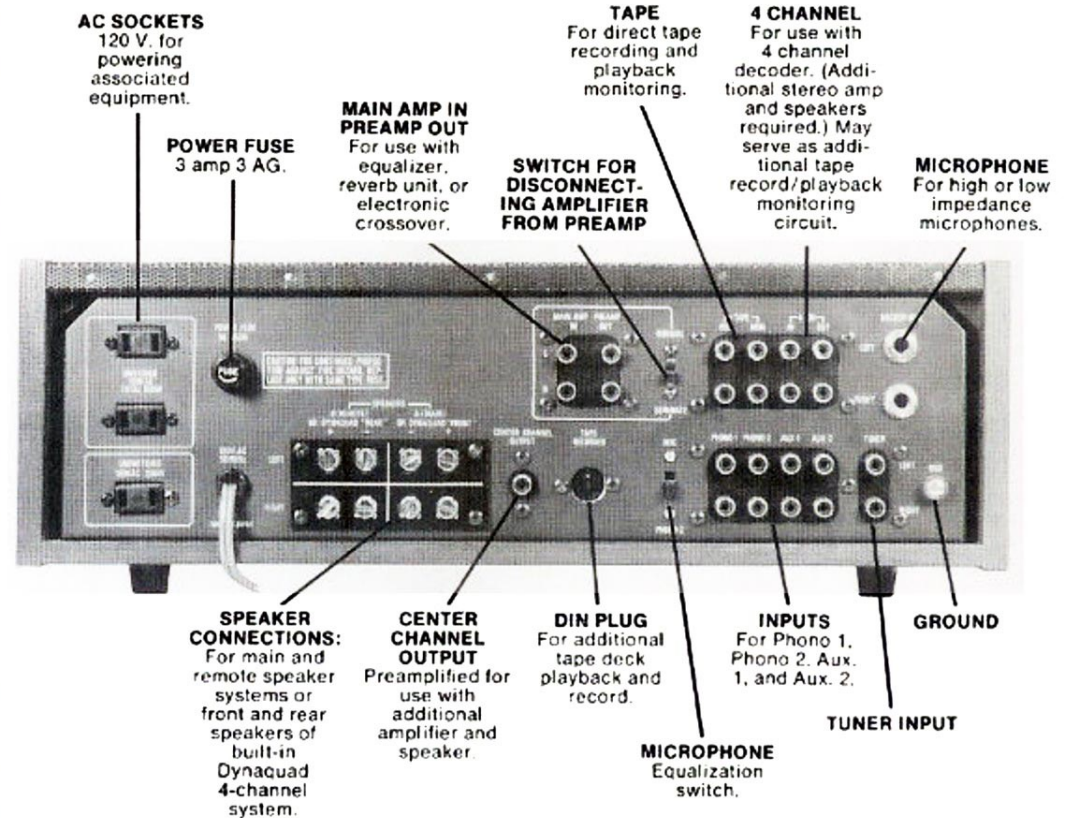
FOUR-CHANNEL SOUND

REAR PANEL FEATURES

MODEL S-2400 TUNER



MODEL S-9400 AMPLIFIER



SPECIFICATIONS

MODEL S-2400 TUNER

TUNER (FM):

- FM Sensitivity (IHF):** 1.8 μ v (-30 db noise and dist.)
- Signal-To-Noise Ratio:** -70 db.
- Capture Ratio:** 1.5 db.
- Suppression of AM:** -60 db.
- Tuning Range:** 87.5 to 108.5 MHz.
- Distortion:** 0.25% @ 100% Mod.
- Spurious Response Rejection:** -90 db.
- Stability:** \pm 15 KHz (\pm .015%)
- Image Rejection:** -85 db.
- IF Rejection:** -90 db.
- Alternate-Channel Selectivity:** 65 db.
- Stereo Separation:** 40 db @ 1 KHz.
- Frequency Response:** 20-15 KHz \pm 1 db (STEREO)
- Antenna:** 300-ohm balanced, or 75-ohm coaxial

TUNER (AM):

- Sensitivity:** 10 μ v @ 30% mod. for 20 db S/N.
- Selectivity:** @ \pm 10 KHz: -30 db.
- Frequency Response:** -6 db @ 5.0 KHz.
- Tuning Range:** 530 to 1625 KHz.
- Image Rejection:** -70 db @ 1 MHz.
- IF Rejection:** -80 db @ 1 MHz.
- Antenna:**
Ferrite Rod (rotatable), external antenna input

GENERAL:

- Power Requirements:**
115-125V, 50/60 Hz. 15 watts fused
- Size (Overall):** 5½" H, 17½" W, 14" D.
- Shipping Weight:** 24 lbs.

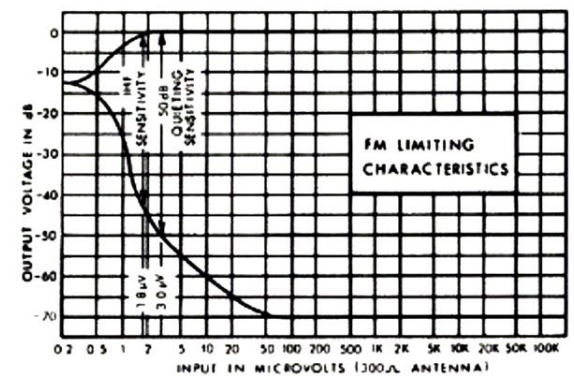
MODEL S-9400 AMPLIFIER

- Power Output:** Music power 160 watts total (IHF)
- RMS Power Output (both channels driven):**
60 watts x 2 @ 4 ohms, 1 KHz
50 watts x 2 @ 8 ohms, 1 KHz
40 watts x 2 @ 8 ohms, 20-20,000 Hz
- Harmonic Distortion:**
0.8% 8 ohm rated output, 0.10% @ 10 watts.
- Intermodulation Distortion:**
0.6% @ 8 ohm rated output, 0.25% @ 10 watts.
- Stereo and Mono Speaker Output Impedance:**
4, 8, or 16 ohms.
- Stereo Headphone Output:** High or low impedance.
- Stereo Recording Output:** 230 mv, 2K ohm.
- Power Bandwidth:** 5-45 KHz-1% Dist.
- Frequency Response:** Aux. 20-20 KHz \pm ½ db.
Phono: RIAA Std. \pm 1.0 db.
- Damping Factor:** 40:1 @ 8 ohms.
- Bass Control:** \pm 12 db. @ 100 Hz.
- Treble Control:** \pm 12 db @ 10 KHz.
- Input Sensitivity (for rated output):**
Phono, 1.8 mv.
Auxiliary, 200 mv.
Mic., 2.1 mv
- Input Capability for 1% dist.:**
Phono, 80 mv.
Auxiliary, Infinite
Mic., 60 mv
- Hum and Noise (IHF):** Phono -60 db.
Aux. -85 db.
Vol. Control Min. -90 db.
- Crosstalk:** -45 db @ 1 KHz.
- Mic. Input Impedance:** 50,000 Ω

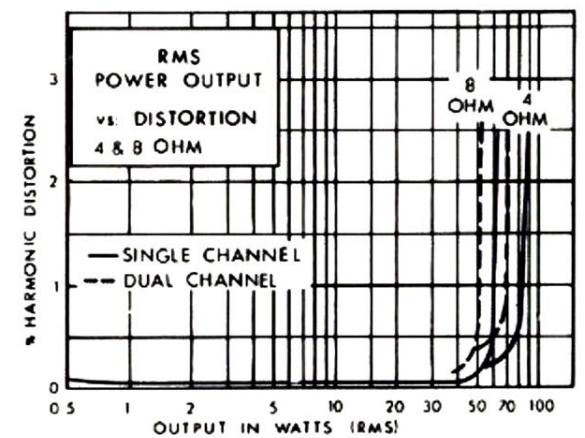
GENERAL:

- Power Requirements:**
115-125V, 50/60 Hz. 20-200 watts fused.
- AC Outlets:** Switched (2) total 180 watts.
Unswitched (1) 200 watts.
- Size:** 5½" H, 17½" W, 14" D.
- Shipping Weight:** 29 lbs.

MODEL S-2400 TUNER



MODEL S-9400 AMPLIFIER



3-YEAR WARRANTY

Sherwood—first in the industry to provide a three-year warranty on transistor receivers, tuners, amplifiers. Warranty covers all parts plus one-year repair labor when returned to factory or authorized service station. (Transportation costs not included.)

SHERWOOD

ELECTRONIC LABORATORIES, INC.

4300 North California Avenue, Chicago, Illinois 60618

Loud and Proud

HIFIGOTEBORG.se a



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MUSIC

WELCOME

WE HAVE GOOD HIFI AT YOUR
SERVICE

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OF OUR TEAM WILL BE WITH
YOU SHORTLY.

Or press finger HERE

