Deluxe All-Transistor Stereo Twins... For the Audio

Everything Sounds "Naturally" Better On This Transistor AM/FM/FM Stereo Tuner!


REALISTIC SOUND AT A REALISTIC PRICE! That's the Heathkit AJ-43D. It offers the clean, natural sound and instant, heat-free operation of solid-state circuitry; complete operating features; versatility of installation; plus a price that's far below comparable quality models. But don't take our word for it. Take the word of AJ-43D owners like Mr. Frank Burris, Yucaipa, Calif. "...I am more pleased with its general performance than any other transistor (or tube) tuner which I have seen on the American market, kit or factory assembled." Or respected hi-fi editors like Julian D. Hirsch, who in HiFi/Stereo Review wrote: "The AJ-43 is an excellent tuner, and holds its own with any other tuner of comparative ratings. I appreciated being able to stack the AJ-43 on top of the AA-21 amplifier, and run them for hours without either one becoming perceptibly warm."

NOW COMPARE ITS HIGH PERFORMANCE FEATURES! In addition to those listed above, there's automatic switching to stereo. Automatic stereo indicator light. And an Automatic Frequency Control to assure positive tuning... emitter-follower output stages that eliminate high frequency cable losses... lighted slide-rule dial plus heavy flywheels for easy, accurate tuning... transformer-operated power supply with silicon diode rectifiers for long life, dependability and freedom from heat... and a unique "push-push" switch to turn the unit on off.

SIMPLE TO BUILD, TOO! With the factory-built and aligned front-end and 4-stage FM I.F. circuit board, plus fast circuit board construction. Takes no special skills or knowledge.

Kit AJ-43D, 15 lbs., less cab. for custom mfg. $109.00
Model AE-11, 8 lbs. Luxurious walnut wood cab. $12.95
Model AE-15, 8 lbs. Tan vinyl-clad steel cab. $6.95

Concealed Controls, Secondary controls on both AJ-43D tuner & AA-21D amplifier are protected by hinged lower front-panel from accidental system setting changes.

Fast Circuit Board Construction... with preassembled, prealigned "front-end" FM Tuner and 4-stage FM IF circuit board for quick easy assembly.

AJ-43D SPECIFICATIONS—FM SECTION (Monaural Only): Tuning range: 88 to 108 mc. Intermediate frequency: 10.7 mc. Antenna: 300 ohms balanced, internal line antenna provided. Quieting sensitivity: (400 cps, 100% mod.) 1.5 uv for 20 db of quieting; 2 uv for 30 db of quieting. 3 uv for full quieting; 40 db. Image rejection: 35 db. IF rejection: 75 db. Capture ratio: 3 db. AM suppression: 30 db. Bandwidth (Complete Tuner): 225 kc at 6 db down, 1000 uv input. Detector bandwidth: (Peak-to-Peak): 600 kc. Hum: Less than 1%. (IF): Hum & noise: (Complete tuner) 55 db below full quieting. Output impedance: (Emitter Follower) Variable to 3000 ohms. Output voltage: 1 V, @ 1000 uv, 400 cps 100% mod. FM STEREO CONVERTER SECTION: Converter bandwidth: 50 cps to 52,000 cps. ± ½ db. Channel separation: 40 db @ 50 cps to 2,000 cps. 30 db @ 15,000 cps. 20 db @ 15,000 cps. 19 KC suppression: 50 db down. 28 KC suppression: 45 db down. SCA rejection: 30 db min. 64 kc to 70 kc. Hum & noise: 55 db down. Output impedance: (Emitter Follower) Variable to 3000 ohms each channel. AM SECTION: Tuning range: 535 to 1620 kc. Intermediate frequency: 455 kc. Sensitivity: 600 kc, 7 uv for 10 db S/N; 1000 kc, 4 uv for 10 db S/N; 1400 kc, 3 uv for 10 db S/N. Antenna: Built-in rod with provisions for external straight wire. Image rejection: 50 db at 600 kc, 70 db at 1400 kc. IF rejection: 55 db at 100 kc, 65 db at 1400 kc. 10 KC rejection: 40 db. Hum: Less than 2%. Hum & noise: 30 db below 30% mod. Output impedance: (Normal) Variable to 3000 ohms. (Mono) Variable to 4000 ohms. Output voltage: 1 volt nominal. Dimensions: 15½" W x 5½" H x 14½" D.

Choice Of Cabinets For Installation Versatility!

Less cabinet, ideal for wall or custom mounting. Kit AJ-43D. $109.00
Luxurious walnut wood cabinet (illus. above) for AJ-43D. Ideal for open component installation on bookshelf or hi-fi cabinet. Model AE-11. $12.95
Tan vinyl-clad steel cabinet (illus. opposite) with polished aluminum trim for AJ-43D. Model AE-15. $6.95

With Metal Cabinet