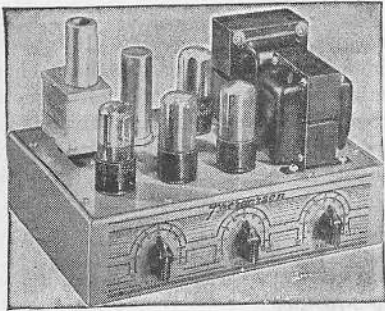


THORDARSON AMPLIFIERS

T-32W10 AUDIO AMPLIFIER



America's greatest value in quality. **VERSATILE**—available with or without pre-amplifier. Buy only what you need, add pre-amplifier if needed later.

FEATURES—Frequency responses from 20 to 20,000 cycles ● -70 DB hum level below rated output ● Adequate gain to obtain full output from the ordinary high impedance pickup or tuner ● A treble boost and treble attenuation tone control feature ● A bass boost or flat response control ● Both tone controls continuously variable ● Output for 3 to 4 ohms, or 15 to 16 ohms which covers all popular high fidelity speakers ● The unit will be supplied with felt mounting feet and a separate bracket for permanent installations ● Gray hammertone finish ● A pre-wired socket will allow the use of a T-32W00 plug-in-pre-amp which will accommodate any of the popular magnetic reluctance phono pickups or a high impedance microphone ● A frequency compensated pre-amplifier, T-32W00 can be supplied with 15 DB of bass compensation for use with magnetic phone pickups. The bass compensation can be removed for flat response when microphone operation is desired ● Output impedances are terminated to a four-screw terminal board ● Tubes: One 6SL7-GT, two 6V6-GT, one 5Y3-GT ● Complete with self-contained power supply, 115 volts A.C., and tubes ● Output—10 clean watts at less than 2% distortion.

New THORDARSON T-32W10 AUDIO AMPLIFIER. Less T-32W00 Pre-Amplifier—**List Price \$55.00** but complete for use with high impedance pickup or tuner.

New THORDARSON T-32W00 Plug-in Pre-Amplifier. Necessary when Audio Amplifier is to be used with any of the popular reluctance phono pickups or high impedance microphones. **List Price \$9.90**

T-31W10AX TRU-FIDELITY PHONO-AMPLIFIER

Unique in design the Thordarson 10 Watt Phono Amplifier combines versatility of application with Tru-Fidelity performance. Both microphone and phono input channels allow the 31W10AX to be used in conjunction with the High-Fidelity Meissner AM-FM Tuner and other tuners of comparable performance; as a speech amplifier in amateur transmitters; or as the amplifier section in a recording set-up. Little is left to be desired in naturalness and brilliance of tone.

Separate bass and treble controls with both boost and attenuation action assure complete adaptation of the output to all acoustical conditions, plus the pleasure of listening to music the way it is desired to be heard. Production cost is lowered by the mounting of this unit on a simple chassis inasmuch as the amplifier is usually installed in cabinet, no cover is required. **LIST PRICE \$127.50**

T-31W10AX Specifications

POWER OUTPUT—10 Watts at less than 5% distortion (50 to 10,000 cycles).

TWO INPUT CIRCUITS—

One high impedance microphone channel—107 Db gain (based on 100,000 ohms input impedance).

One high impedance phono channel—71 Db gain (based on 100,000 ohms input impedance).

TWO TONE CONTROLS—

One bass control providing a bass boost of 12 Db at 80 C.P.S. to a bass attenuation of 13 Db at 80 C.P.S.

One treble control providing a treble boost of 12 Db at 8000 C.P.S. to an attenuation of 18 Db at 8000 C.P.S.

FREQUENCY RESPONSE—Flat within 1 Db from 40 to 15,000 C.P.S.

CHASSIS TYPE CONSTRUCTION—Attractive three-tone control panel.

INVERSE FEED-BACK CIRCUIT

OUTPUT IMPEDANCES—4, 8, 15, 125, 250, 500 ohms—all available at an eight-prong receptacle.

HUM LEVEL—60 Db below maximum rated output.

TUBES—1-6J7; 1-6SJ7; 1-6J5; 1-6SN7; 2-6B4; 1-5U4G.

DIMENSIONS—14" x 8" x 7½" high.

POWER CONSUMPTION—117 Watts full signals—110-120 volts, 50-60 cycles (other primary voltages available on special order).

WEIGHT NET—19 pounds; shipping 22 pounds.

T-31W20AX 20 WATT MOBILE AMPLIFIER

Conservatively-rated, this universal mobile amplifier furnishes sufficient undistorted power for sound truck, picnic, carnival and similar installations that require the versatility of 6 volts D.C. volts and 115 volts A.C. operation.

The electric turntable and pick-up mounted on top of the amplifier operates practically in any position, whether tilted vertically or horizontally. Shock-mounted for smooth operation over rough terrain,

it is truly versatile. With all connections on the back of the chassis, simplification of hook-up is provided, leaving trimness of style for the front panel.

Treble attenuation tone compensation makes allowance for correcting to acoustical conditions and reducing record scratch. Mixing procedure is completely controlled with the coupled phono and microphone input channels. **LIST PRICE \$200.00**

T-31W20AX Specifications

POWER OUTPUT—20 Watts at less than 6% distortion (50 to 10,000 cycles).

TWO INPUT CIRCUITS—

One high impedance microphone channel—110 Db gain (based on 100,000 ohms input impedance).

One high impedance phono channel—72 Db gain (based on 100,000 ohms input impedance).

Both input circuits may be mixed.

FREQUENCY RESPONSE—Flat within 1 Db from 40 to 15,000 C.P.S.

IMPROVED TONE CONTROL—(high frequency attenuator type). Maximum position attenuated 1,000 C.P.S. 1 Db; 5,000 C.P.S. 10 Db; 10,000 C.P.S. 16 Db.

FULLY ENCLOSED CONSTRUCTION—Trim light grey wrinkle cabinet with three-tone control panel.

CRYSTAL PICK-UP—Specially-designed pick-up arm. Spring-action holds arm in place.

INVERSE FEED-BACK CIRCUIT.

OUTPUT IMPEDANCES—4, 8, 15, 125, 250, 500 ohms—all available at two 8-prong receptacles, selected with switch.

HUM LEVEL—66 Db below maximum rated output.

TUBES—1-6J7; 1-6SJ7; 1-6N7; 2-6L6; 2-6X5.

DIMENSIONS—15½" x 10" x 11" high.

POWER CONSUMPTION—140 Watts full signal—110-120 volts, 50-60 cycles; 6 volts D.C. 23 Amp. (6 volts standby current—5.16 Amps.).

WEIGHT NET—34½ pounds; shipping 39 pounds.

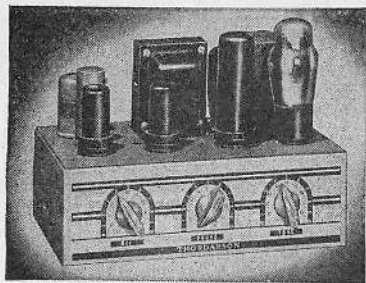
T-31K09 COVER

A trim grey wrinkle finish cover, perforated for complete ventilation; for use on the T-31W08 amplifier.



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THORDARSON AMPLIFIERS



THORDARSON 8 WATT AMPLIFIER — T-31W08

This amplifier combines maximum performance with minimum size. It is ideal for ballyhoo installations, carnivals, or inter-phone applications. The quality is such that it may be used for reproduction of the finest records. Individual controls for phono and microphone provide electronic mixing. The treble attenuation tone control has sufficiently smooth operation for satisfactory elimination of needle scratch or objectionable highs; or with the control in a normal position the highest treble tone can be clearly reproduced.

List Price \$64.00

POWER OUTPUT—8 Watts (+31.25 Db) at less than 9% distortion.
TWO INPUT CIRCUITS—

One high impedance microphone channel—115 Db gain (based on 100,000 ohms input impedance).

One high impedance phono channel—72 Db gain (based on 100,000 ohms input impedance).

All input circuits may be mixed.

Low impedance microphone input optional at slight additional cost (50, 250, or 500 ohms).

IMPROVED TONE CONTROL—(high frequency attenuator type). Maximum position attenuated 1,000 C.P.S. 4 Db, 5,000 C.P.S. 17 Db, 10,000 C.P.S. 22 Db.

FREQUENCY RESPONSE—Flat within 1 Db from 50 to 10,000 C.P.S.
CHASSIS TYPE CONSTRUCTION—Attractive three-tone control panel.

INVERSE FEED-BACK CIRCUIT.

OUTPUT IMPEDANCES—4, 8, 15, 250, 500 ohms—all available at an 8-prong receptacle.

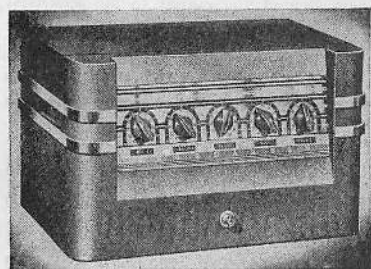
HUM LEVEL—60 Db below rated output.

TUBES—1-6J7; 1-6SJ7; 1-6L6; 1-6Y3.

DIMENSIONS—10" x 6" x 7½" high.

POWER CONSUMPTION—70 watts, 110-120 volts, 50-60 cycles other primary voltages on special order).

(WEIGHT NET—14¾ pounds; shipping 16 pounds.



THORDARSON 25 WATT AMPLIFIER — T-31W25AX

Sufficient undistorted power is available from this unit for large auditorium or night club installations. Two low level inputs and one high level input will allow the use of two microphones with low impedances or high impedances to be satisfactorily mixed with a phono input for musical background. The attractive front panel is supplied with three gain controls and two tone controls. The tone controls provide individual bass or treble attenuation to eliminate undesirable highs in recordings or undesirable lows for crisp speech output. When the tone controls are in the normal position—Tru-Fidelity output is available.

List Price \$135.00

POWER OUTPUT—25 watts (+36.2 Db) at less than 3% distortion.
TWO INPUT CIRCUITS—

One high-impedance microphone channels—116 Db gain (based on 100,000 ohms input impedance).

One high impedance phono channel—72 Db gain (based on 100,000 ohms input impedance).

Low impedance microphone input optional at slight additional cost (50, 250, 500 ohms).

All input circuits may be mixed.

IMPROVED TONE CONTROLS (Treble and bass attenuators).

Maximum attenuation positions.

Bass—50 C.P.S.—20 Db, 100 C.P.S.—12 Db,

Treble—1,000 C.P.S.—4 Db, 5,000 C.P.S.—15 Db, 10,000 C.P.S.—

23 Db.

FREQUENCY RESPONSE—Flat within 1 Db from 30 to 15,000 C.P.S.
FULLY ENCLOSED CONSTRUCTION—All-steel streamlined cabinet—Attractive three-tone control panel.

MULTIPLE INVERSE FEED-BACK CIRCUIT.

OUTPUT IMPEDANCES—4, 8, 15, 250, 500 ohms—all available at 8-prong receptacles, selected by means of a switch.

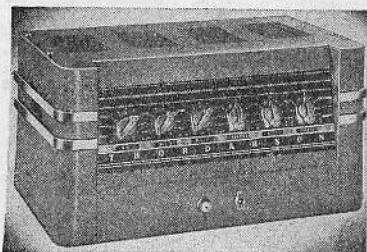
HUM LEVEL—65 Db below rated output.

TUBES—2-6J7; 1-6SJ7; 1-6N7; 2-6L6; 1-5X4G.

DIMENSIONS—15½" x 10" x 9" high.

POWER CONSUMPTION—137 watts—110-120 volts, 50-60 cycles (other primary voltages on special order).

WEIGHT NET—28 pounds; shipping 32 pounds.



THORDARSON 50 WATT AMPLIFIER — T-31W50AX

This amplifier employs 4-Beam Power tubes; is conservatively rated at 50 watts and will supply over 65 watts of peak power. The unit is ideal for large stadium or roller-rink applications. The three low-level microphone and two high-level phono inputs will satisfactorily handle the most elaborate mixing applications. Dual tone controls will attenuate individually either the bass or treble or individually boost the bass or treble. Either low or high impedance inputs may be accommodated. The range of output impedances provided will accommodate multiple speaker applications.

List Price \$260.00

FREQUENCY RESPONSE—Flat within 1 Db from 30 to 15,000.

CHASSIS TYPE CONSTRUCTION—All-steel streamlined cabinet—Attractive three-tone control panel.

INVERSE FEED-BACK CIRCUIT.

OUTPUT IMPEDANCES—4, 6, 8, 15, 125, 250 and 500 ohms—selected by means of a selector switch.

HUM LEVEL—70 Db below rated output.

TUBES—2-5X4; 1-6X5; 4-6L6; 1-6V6; 3-6J7; 1-6SJ7; 1-6J5.

DIMENSIONS—17" x 11¼" x 8¾" high.

POWER CONSUMPTION—250 Watts at 110-120 volts, 50-60 cycles (other primary voltages on special order).

WEIGHT NET—44 pounds; shipping 50 pounds.

POWER OUTPUT—50 Watts (+39.6 Db) at less than 5% distortion.
FIVE INPUT CIRCUITS—

Three input microphone channels—115 Db gain (based on 100,000 ohms input impedance).

Two phono fader inputs—75 Db gain (based on 100,000 ohms input impedance).

Low impedance microphone input optional at slight additional cost (50, 250, 500 ohms).

TWO TONE CONTROLS—

One bass control providing a bass boost of 9½ Db at 80 C.P.S. to a bass attenuation of 25 Db at 80 C.P.S.

One treble control providing a boost of 11½ Db at 8,000 C.P.S. to an attenuation of 25 Db at 8,000 C.P.S.

Nine extreme individual response curves available with the two tone controls.



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