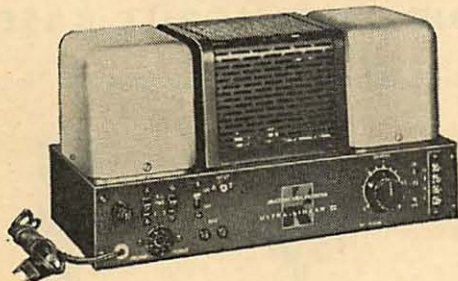


# ACRO PRODUCTS COMPANY

MANUFACTURERS OF THE WORLD FAMOUS ACRO SOUND TRANSFORMERS & AMPLIFIERS



This combination of features makes possible a power amplifier of distinctly superior listening qualities which is unusually well suited to meet the difficult requirements imposed by complex speaker systems as, for example, those embodying electrostatic tweeters and electrodynamic woofers.

**Rated output power:** 60 watts, 120 peak.  
**IM Distortion:** Less than 1% at 60 watts for any standard combination of test frequencies.  
**Harmonic Distortion:** Less than 1% at any frequency between 20 CPS and 20 KC at power output within 1 DB of 60 watts.  
**Frequency Response:** At 1 DB from 5 CPS to 100 KC. At 60 watts 1 DB from 18 CPS to 30 KC. Note:- There is no peaking at any frequency; the rolloff is gradual and controlled above 85 KC for best transient response.

**Square wave response:** Undistorted squarewave response from 20 CPS to 20 KC with no overshoot or ringing. Capacity loads will not cause ringing or any other type of instability. Rise time of wave 1.5 microseconds.

**Sensitivity:** 1.6 Volts RMS for 60 watts output.

**Output Impedances:** 4, 8, and 16 ohms.

**Damping Factor:** Variable from 0.5 to 10. Damping control may be switched out to provide a fixed damping factor of 15.

**Hum:** 90 DB below rated output.

**Size:** 7" by 15 1/8" by 8" high.

**Weight:** 30 lbs.

**Tubes:** 1-ECC83/12AX7, 1-ECC82/12AU7  
 1-GZ 34, 2-EL 34/6CA7

**Color:** Amplifier attractively finished in two-tone metallic Brown.

**Net Price:** \$79.50 complete with all components. \$109.50 wired and assembled. Slightly higher in the west.

\*U.S. pat. #2,710,312 licensed by Keroes Enterprises

MODEL	IMPEDANCES*	POWER RATING	FREQUENCY RESPONSE	RATED PRIMARY CURRENT PER TUBE	PERMISSIBLE DC PRIMARY UNBALANCE	CASE TYPE	WEIGHT	NET PRICE	APPLICATION
T0-230	3000 plate-to-plate 4, 8, 16 secondary	20 watts— 20 cps to 20 kc 40 watts— 30 cps to 15 kc	±1 db 10 cps to 40 kc	150 ma	20%	A	7 lbs.	\$14.50	For use with 6B4's or 2A3's fixed bias pp par. 6L6's, etc.
T0-250	5000 plate-to-plate 4, 8, 16 secondary	10 watts— 20 cps to 20 kc 20 watts— 30 cps to 15 kc	±1 db 10 cps to 40 kc	75 ma	10%	A	6 lbs.	11.75	For use with 6B4's or 2A3's self bias, 6L6's, class A, etc.
T0-270	10,000 plate-to-plate 4, 8, 16 secondary	10 watts— 20 cps to 20 kc 20 watts— 30 cps to 15 kc	±1 db 10 cps to 40 kc	75 ma	10%	A	6 lbs.	11.75	For use with 6V6's, 6K6's, etc.
T0-280	9000 plate-to-plate 4, 8, 16 secondary	20 watts— 20 cps to 20 kc 40 watts— 30 cps to 15 kc	±1 db 10 cps to 40 kc	75 ma	10%	A	7 lbs.	14.50	For use with 6L6's, class AB1
T0-290	12,000 plate-to-plate 4, 8, 16 secondary	20 watts— 20 cps to 20 kc 40 watts— 30 cps to 15 kc	±1 db 10 cps to 40 kc	75 ma	10%	A	7 lbs.	15.75	For use with triode connected 807's or 5881's in Williamson type circuit
T0-300	6600 plate-to-plate 4, 8, 16 secondary	20 watts— 20 cps to 30 kc 40 watts— 30 cps to 20 kc	±1 db 10 cps to 100 kc	75 ma	15%	A	7 lbs.	24.75	For Ultra-Linear operation of KT-66's, 807's, 5881's, 1614's, 6L6's. Ultra-Linear conversion of Williamson type circuits
T0-310	8000 plate-to-plate 4, 8, 16 secondary	10 watts— 20 cps to 30 kc 20 watts— 30 cps to 20 kc	±1 db 10 cps to 100 kc	75 ma	10%	A	6 lbs.	18.75	For Ultra-Linear operation of 6V6's or EL-84's
T0-320	3500 plate-to-plate 4, 8, 16 secondary	10 watts— 20 cps to 30 kc 20 watts— 30 cps to 20 kc	±1 db 10 cps to 100 kc	75 ma	10%	A	6 lbs.	18.75	For Ultra-Linear operation of 6V6's
T0-330	3800 plate-to-plate 4, 8, 16 secondary	50 watts— 20 cps to 30 kc 100 watts— 30 cps to 20 kc	±1 db 10 cps to 100 kc	150 ma	15%	B	14 lbs.	39.75	For push pull Ultra-Linear 6550's, EL-34's, 6CA7's or for push pull parallel operation of KT-66's, 807's, etc.
T0-340	5000 plate-to-plate 4, 8, 16 secondary	50 watts— 20 cps to 30 kc 100 watts— 30 cps to 20 kc	±1 db 10 cps to 100 kc	150 ma	15%	B	14 lbs.	39.75	For push pull Ultra-Linear 6550's KT-88's, in self bias operation.
T0-350	6600 plate-to-plate 4, 8, 16 secondary	100 watts— 20 cps to 20 kc	±1 db 7 cps to 70 kc	175 ma	10%	B	14 lbs.	49.50	For Ultra-Linear operation of 6146 tubes using tertiary winding for screen connection.



Case Type "A" furnished in silver grey hammerloid finish. 10-inch color coded wire leads are brought out through case bottom. Case mounts with base flange. Size—3 3/8 x 3 1/4 x 4 1/4 high.



Case Type "B" furnished in silver grey hammerloid finish. 10-inch color coded wire leads are brought out through case bottom. Case has provision for either top or bottom mounting. Size—4 x 4 1/2 x 5 3/8 high

### POWER TRANSFORMERS

MODEL	VOLTAGES	USE	NET PRICE
TP-520	285-0-285 - 175 ma, 6.3V - 5a, 5V - 2a	For 6Y6 Amplifiers	\$ 9.75
TP-550	825-290-0-100-290-825, 6.3V - 6a, 5V - 2a	For 6146 Amplifiers	33.75

\* All models available with additional line winding (125 and 500 ohms) at extra cost of \$6.00 net for models with numbers up to T0-320 and \$10.00 net for models T0-330 and T0-350. Models with line winding are designated by model numbers ending in "5." For example, Model T0-300 with additional line winding is specified as T0-305. All power transformers supplied in gray hammerloid end bells with upright mounting.

## ACRO PRODUCTS COMPANY • PHILADELPHIA, PA.

High Fidelity Output Transformers for every application

Available through Leading Distributors