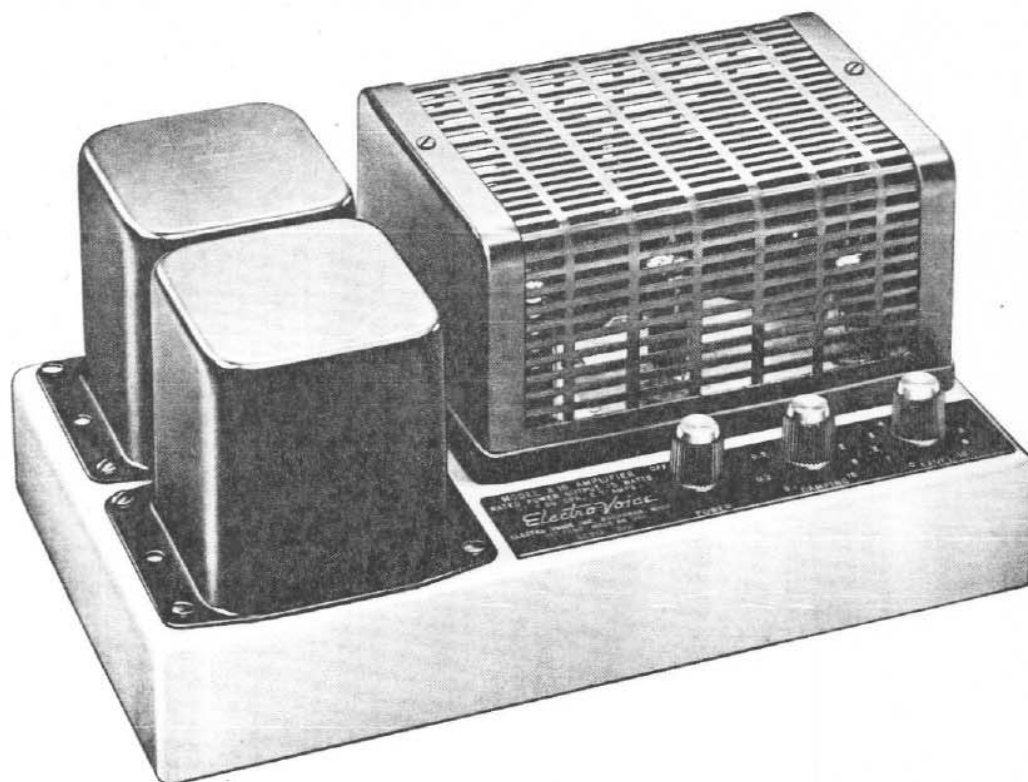


Electro-Voice

NEW

MODEL A15 CIRCLOTRON AMPLIFIER



Sensational new design in amplifiers features "CIRCLOTRON Circuit" and loudspeaker Variable Damping Control in all models for superior hi-fi reproduction. For PCI or any other preamp, or Electro-Voice Model 3303 and 3304AM-FM tuners. Provides unity coupling between output tubes; eliminates switching transients and removes DC from output transformer. *Variable Damping Control* assures perfect speaker matching; prevents bass losses from overdamping. Also prevents underdamping, eliminating low-frequency distortion and voice-coil override. Permits matching amplifier to speaker, speaker to enclosure and enclosure to room. All models have heavy gauge brushed brass chassis, mocha brown ventilating tube-screens and transformer shells. Sensitivity, all models, 1.25 volt input for rated output. Damping Factor Control continuously variable, covering all commercially available quality speakers and enclosures. Incorporates *Off-On Switch* and *Input Level Control*. Straps provided allow horizontal or vertical mounting. For operation on 110-120 V., 60 cycles AC.

SPECIFICATIONS

POWER OUTPUT: 15 watts rated, 30 watts on peaks
FREQUENCY RESPONSE: $\pm .5$ db 20 to 50,000 cps
at rated output

HARMONIC DISTORTION: Less than .15% at rated output

INTERMODULATION DISTORTION: Less than .35%
at rated output

NOISE LEVEL: -85 db

SPEAKER OUTPUT: 4 ohms, 8 ohms, 16 ohms

FEEDBACK: Loop Feedback: -15 db

Drive Plate: +2 db

Output Circuit: -25 db

Total -38 db

MAXIMUM POWER USED: .7a

TUBES: {1 12AX7 2 6X4
 {1 12BH7 2 6X4

DIMENSIONS: H $5\frac{7}{8}$ in., W $12\frac{1}{4}$ in., D $8\frac{1}{4}$ in.

WEIGHT: 15½ lb

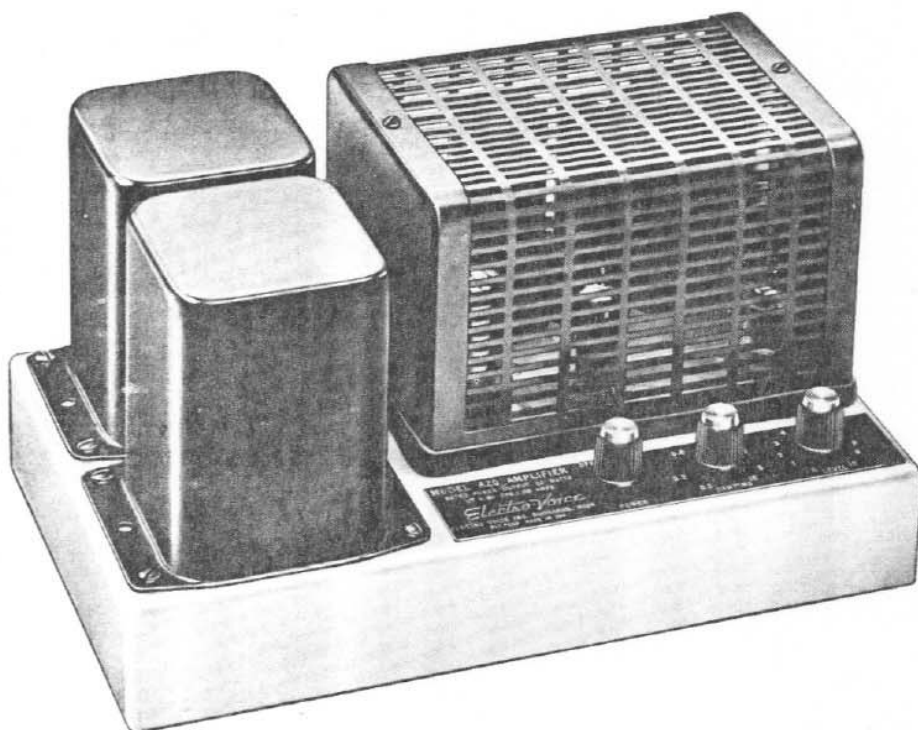
NOTE: Advanced specifications presented in this flier are based on laboratory tests of pilot models. Firm specifications will be available soon.

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Electro-Voice®

NEW

MODEL A20 CIRCLOTRON AMPLIFIER



Sensational new design in amplifiers features "CIRCLOTRON Circuit" and loudspeaker Variable Damping Control in all models for superior hi-fi reproduction. For PCI or any other preamp, or Electro-Voice Model 3303 and 3304AM-FM tuners. Provides unity coupling between output tubes; eliminates switching transients and removes DC from output transformer. *Variable Damping Control* assures perfect speaker matching; prevents bass losses from overdamping. Also prevents underdamping, eliminating low-frequency distortion and voice-coil override. Permits matching amplifier to speaker, speaker to enclosure and enclosure to room. All models have heavy gauge brushed brass chassis, mocha brown ventilating tube-screens and transformer shells. Sensitivity, all models, 1.25 volt input for rated output. Damping Factor Control continuously variable, covering all commercially available quality speakers and enclosures. Incorporates *Off-On Switch* and *Input Level Control*. Straps provided allow horizontal or vertical mounting. For operation on 110-120 V., 60 cycles AC.

SPECIFICATIONS

POWER OUTPUT: 20 watts rated, 40 watts on peaks

FREQUENCY RESPONSE: $\pm .5$ db 20 to 60,000 cps
at rated output

HARMONIC DISTORTION: Less than .5% at rated
output

INTERMODULATION DISTORTION: Less than .1%
at rated output

NOISE LEVEL: -85 db

SPEAKER OUTPUT: 4 ohms, 8 ohms, 16 ohms

FEEDBACK: Loop Feedback: -16 db

Drive Plate: + 2 db

Output Circuit: -19 db

Total -33 db

MAXIMUM POWER USED: 1.05a

TUBES: {1 12AX7 2 6V6GT
 {1 12BH7 2 6X4

DIMENSIONS: H $6\frac{3}{4}$ in., W $12\frac{1}{4}$ in., D $8\frac{1}{4}$ in.

WEIGHT: $18\frac{1}{2}$ lb

NOTE: Advanced specifications presented in this flier are based on laboratory tests of pilot models. Firm specifications will be available soon.

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