

AT-1240/AT-1360 Commercial Power Amplifiers

The AT-1240/AT-1360 are highly reliable voice paging and background music power amplifiers designed specifically for contractors. These amplifiers feature heavy-duty 3 U rack mount chassis, dual cooling fans and toroidal power transformers with speaker outputs for 70/100-volt and 4 ohms. Flexible input configurations and 115/230-volt AC or 24-volt DC operation. Rear panel input gain control for tamper-resistant operation and field replaceable back panel DC protection fuse, make the AT-1240/1360 the contractor's solution for permanent sound system installations.



Features

- Signal present, peak and protect LEDs
- Dual ultra-quiet fans
- Selectable 115/230 VAC operation
- Selectable 24 VDC operation
- 240-watt (AT-1240) or 360-watt (AT-1360) output power
- Dual XLR/TRS balanced combo input connectors
- Dual RCA unbalanced input/pre-amp output connectors
- Mixable inputs
- Rear panel tamper-resistant input volume control
- 4-ohm, 70/100-volt speaker outputs
- CE and cTUVus listed

Specifications

	AT-1240	AT-1360
Rack Height	3 U	3 U
Output Power	240 watts continuous	360 watts continuous
Frequency Response	50 Hz to 20 kHz ± 3 dB	50 Hz to 20 kHz ± 3 dB
Total Harmonic Distortion	< 1 percent	< 1 percent
Signal to Noise	> 70 dB	> 70 dB Ratio
Input Sensitivity Balanced	1 volt; 0 dBV	1 volt; 0 dBV
Input Impedance Bal/Unbal	1.4 volts (± 3 dBV) 10 K ohms	1.4 volts (± 3 dBV) 10 K ohms
Pre-amp Output RCA	10 K ohms	10 K ohms
Speaker Outputs	70 / 100 volts, 4 ohms	70 / 100 volts, 4 ohms
Power Requirements	115 / 230 VAC	115 / 230 VAC
Power consumption	486 watts	742 watts
Optional DC power	24 volts	24 volts
Dimensions (H x W x D)	6.94 x 19 x 14.56 inches; 176 x 478 x 370 mm	6.94 x 19 x 14.56 inches; 176 x 478 x 370 mm
Weight	35.29 lbs; 16.01 kg	38.29 lbs; 17.37 kg
Approvals	cTUVus/CE	cTUVus/CE

Architectural and Engineering Specifications

The public address amplifier shall be an AudioTrak model AT-1240/AT-1360, or approved equivalent, with a full power rating of 240 watts AT-1240 or 360 watts AT-1360. The frequency response shall be 50 Hz to 20 kHz ± 3 dB with less than 1 percent total harmonic distortion at full power. Input sensitivity shall be 1 volt (0 dBV) 10 K ohm impedance for the dual balanced XLR/TRS combination inputs and 1.4 volts (± 3 dBV) 10 K ohms impedance for the dual RCA unbalanced inputs. A rear panel input volume control shall be provided. The amplifier shall provide simultaneous mixing of all input jacks and provide an unbalanced pre-amp output on one or both RCA jacks with an output level of 1 volt and an impedance of 600 ohms. Output terminals shall be provided on cover plate protected screw terminals for 4-ohm 70/100 volts. Dual AC voltage selector for 115/230 VAC shall be provided with a security cover plate on the amplifier rear panel. A field replaceable DC protection fuse socket shall be provided on the amplifier back panel. The amplifier shall be rack mountable or tabletop with rubber no-skid feet attached to the bottom of the amplifier. The amplifier front panel shall provide a nine segment LED output ladder in addition to signal present, peak and protection LEDs. The amplifier dimensions shall be (W x D x H), 18.82 x 14.57 x 6.93 inches; 478 x 370 x 176 mm. Weight shall be AT-1240: 35.29 lbs; 16.01 kg, AT-1360: 38.29 lbs; 17.37 kg.



AT-1360

