

Now the Classics Are for Everyone.

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HIGH DEFINITION®
STEREO POWER AMPLIFIER
CLASSIC 60



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HIGH DEFINITION®
STEREO POWER AMPLIFIER
CLASSIC 30



Despite the undoubted pleasure that high-performance amplifiers bring to legions of audiophiles and music lovers, such rarified performance usually comes at relatively high cost.

Audio Research believes that highly accurate music reproduction isn't just the prerogative of the well-heeled audio enthusiast, but the natural desire of every serious music lover.

Audio Research now proudly introduces the Classic 60 and the Classic 30; two new, moderately priced stereo hybrid amplifiers that come surprisingly close to the benchmark set by the acclaimed Classic 150 hybrid monaural amplifier.

It doesn't take a "golden ear" to immediately perceive the emotional power and sonic authority the Classic 60 and Classic 30 bring to any good musical program. Silences are more silent by an order of magnitude; the soundstage is broad, deep, tall; instrumental timbres have an uncommon truth to them; dynamics soft and loud are unbelievably convincing.

And the Classic 60 and Classic 30 are designed to provide years of trouble-free service. You don't need to be a technician to use and enjoy them.

Quite simply, the Classic 60 and Classic 30 bring world-class audio performance within reach of most music lovers. Audition one today at your nearest Audio Research dealer.

20
classic years

1970 - 1990

audio research®
HIGH DEFINITION®



For effortless musicality and value second to none... it has to be the Classic 60.

The new Classic 60 Hybrid Stereo Power Amplifier resembles the long-popular D115 in Audio Research's family of High Definition® power amplifiers. But its lineage is strictly Classic 150. Which means nothing less than state-of-the-art in design, construction, musicality and operational convenience...at an affordable price.

Like the Classic 150, the Classic 60 proceeds from the notion that power ratings don't always describe a power amplifier's real capabilities. Far more important are such qualities as dynamic stability, lucidity, subtlety.

And to achieve those, Audio Research has used its traditional partial cathode coupling along with triode operation of the Classic 60's eight 6550 power output tubes. Additional circuit improvements, as well as the usual rigorous parts selection and manufacturing Audio Research is noted for, also contribute sonically.

Translated into the language of listening, this signifies stunning bandwidth, a noise floor virtually beneath audibility and musically fulfilling SPLs at dramatically lower gain settings. Dynamics, timbres of individual instruments, soundstage, and musical emotion all surge out from a black velvet of silence.

Simply put, the Classic 60 resolves far more of a musical program than amplifiers rated at two, three or four times its seemingly modest 60 WPC.

But the Classic 60 is easily up to the task of driving all but the most demanding loudspeakers, even in spacious listening rooms. And while it shows modest pre-amplifiers in their best light, it also shines when coupled with premiere designs, such as Audio Research's SP14 or SP15.

Convenience figures high on the Classic 60's list of attributes, as well. For example, DC balance of the output tubes is maintained automatically, while tube biasing continuously adjusts to changes in incoming line voltage. Performance



For performance, convenience, musicality and value, the clear choice is the Classic 60.

stays razor-sharp without bothersome tweaking or adjustments. And quiet fan cooling, along with triode operation, means significantly longer tube life. A Classic 60 owner can look forward to years of low-maintenance performance.

Putting the state-of-the art within everyone's reach... the Classic 30.

It's tempting to regard the Classic 30 as merely the smaller sibling of the Classic 60 and Classic 150.

But the skeptical music lover or audiophile who auditions the Classic 30 is in for quite a shock. Because this "little" hybrid stereo amplifier—rated at 30 WPC— packs a sonic authority and eloquent musical veracity that larger, more conventional power amplifiers might envy. Our engineers have discovered that sometimes less is very definitely more.

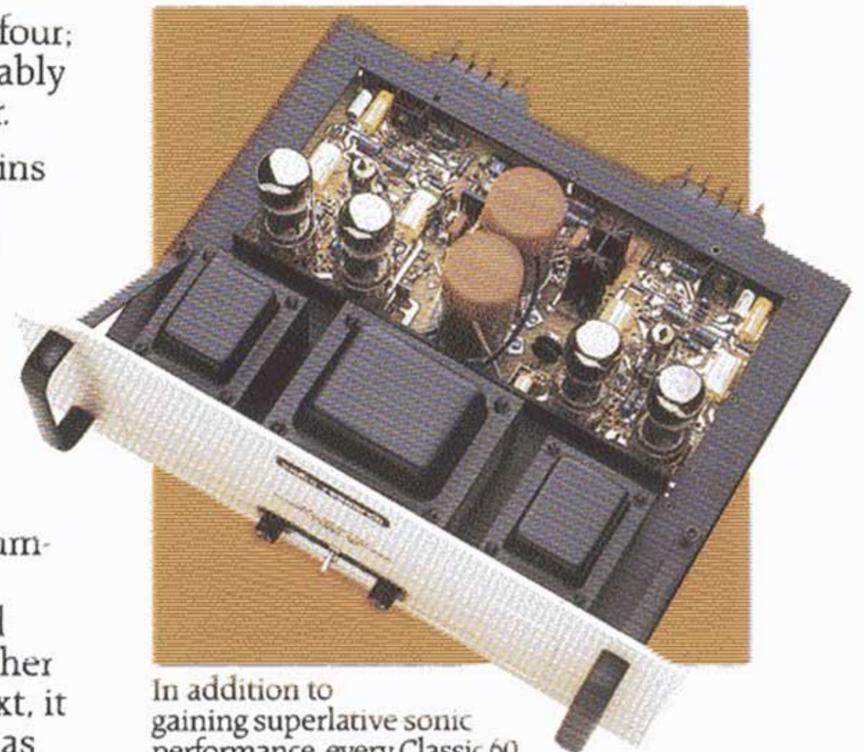
Of course, the Classic 30 features almost all the same technology as its bigger brothers, scaled down for more modest applications. It has four 6550s instead of eight,

two 6FQ7 driver tubes instead of four; no fans, because it runs remarkably cool without any help whatever.

But this smaller design still retains a similar degree of exceptional musical resolution. Even at low gain settings, the Classic 30 is far more musically lucid than amplifiers objectively far more powerful.

The Classic 30 is at its pristine best with moderately efficient loudspeakers in small- to medium-sized listening rooms; with program materials that demand high resolution and subtlety rather than pure muscle. In that context, it reveals the same sonic mastery as its more powerful siblings.

But don't take our word for it. Audition a Classic 30 today and discover just how much more music can come alive...with "less".



In addition to gaining superlative sonic performance, every Classic 60 or Classic 30 owner can rely on Audio Research's 20-year tradition of service and support.

CLASSIC 60 SPECIFICATIONS

(AC line set at 120V 60Hz for these specifications)

POWER OUTPUT: 60 watts minimum continuous at 16 ohms from 15Hz to 20kHz with less than 1.0% total harmonic distortion (typically below .005% at 1 watt)

Approximate actual power available at "clipping": 62 watts (1kHz) (Note that actual power output is dependent upon both line voltage and "condition" i.e. if power line has high distortion, maximum power will be affected adversely, although from a listening standpoint this is not very critical.)

POWER BANDWIDTH: (-3dB Points) 12Hz to 40kHz

INPUT SENSITIVITY: .55V RMS for rated output

INPUT IMPEDANCE: 100K ohms, nominal

OUTPUT REGULATION: Approximately 0.3dB 16 ohm load to open circuit (Damping factor approximately 30)

NEGATIVE FEEDBACK: 20dB

SLEW RATE: 20 volts/microsecond

RISE TIME: 2.0 microseconds

HUM & NOISE: Less than 2.0mV RMS -84dB below rated output (20kHz bandwidth unweighted, inputs shorted)

POWER SUPPLY ENERGY STORAGE: Approximately 280 joules

POWER REQUIREMENTS: 105-125VAC 60Hz (210-250VAC 50Hz) 500 watts at rated output, 700 watts maximum, 370 watts at "idle"

TUBES REQUIRED: 4 - Matched pair 6550 (low gas) - Power Output, 4 - 6FQ7/6CG7 - Drivers

DIMENSIONS: 19" (48 cm) W (standard rack panel) x 7" (18 cm) H x 15.75" (40 cm) D (front panel back). Handles extend 1 5/8" (4.1 cm) forward of the front panel. Output connectors extend 1" behind rear panel.

WEIGHT: 63 lbs. (28.64 kg) Net; 76 lbs. (34.55 kg) Shipping



Quiet, efficient cooling fans mounted inside the top cover of the Classic 60 help maintain thermal stability of internal components for consistent, trouble-free service.

CLASSIC 30 SPECIFICATIONS

(AC line set at 120V 60Hz for these specifications)

POWER OUTPUT: 30 watts minimum continuous at 16 ohms from 17Hz to 20kHz with less than 1.0% total harmonic distortion (typically below .005% at 1 watt)

Approximate actual power available at "clipping": 32 watts (1kHz) (Note that actual power output is dependent upon both line voltage and "condition" i.e. if power line has high distortion, maximum power will be affected adversely, although from a listening standpoint this is not very critical.)

POWER BANDWIDTH: (-3dB Points) 15Hz to 50kHz

INPUT SENSITIVITY: .4V RMS for rated output

INPUT IMPEDANCE: 100K ohms, nominal

OUTPUT REGULATION: Approximately 0.4dB 16 ohm load to open circuit (Damping factor approximately 23)

NEGATIVE FEEDBACK: 19dB

SLEW RATE: 15 volts/microsecond

RISE TIME: 3.5 microseconds

HUM & NOISE: Less than 0.5mV RMS -93dB below rated output (20kHz bandwidth unweighted, inputs shorted)

POWER SUPPLY ENERGY STORAGE: Approximately 150 joules

POWER REQUIREMENTS: 105-125VAC 60Hz (210-250VAC 50Hz) 300 watts at rated output, 400 watts maximum, 200 watts at "idle"

TUBES REQUIRED: 2 - Matched pair 6550 (low gas) - Power Output; 2 - 6FQ7/6CG7 - Drivers

DIMENSIONS: 19" (48 cm) W (standard rack panel, x 7" (18 cm) H x 14.5" (37 cm) D (front panel back). Handles extend 1 5/8" (4.1 cm) forward of the front panel. Output connectors extend 1" behind rear panel.

WEIGHT: 46 lbs. (20.9 kg) Net; 62 lbs. (28.2 kg) Shipping



4, 8 and 16-ohm output taps enable the Classic 30 owner to closely match the impedance characteristics of loudspeakers for better dynamic performance, more musical satisfaction.

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Three-Year Limited Warranty

All Audio Research products are backed by a Three-Year Limited Warranty: vacuum tubes are warranted against defects for 90 days. For one year from date of purchase. Audio

Research pays round-trip freight charges on any equipment requiring warranty service at the factory. See your authorized Audio Research dealer for details.

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