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TRIO  
100-WATT  
STEREO  
AMPLIFIER

# KA-4000



Give the TRIO KA-4000 stereo amplifier a try. This 100-watt marvel can drive even the lowest efficiency Hi-Fi speakers and boasts a wide power bandwidth of 13 Hz to 30,000 Hz with an absolute low in IM distortion. The KA-4000's lever type 20 dB muting switch brings quick-quiet change in output for temporary silence during telephone calls, etc. Also 2 dB step type tone controls and blue light indicators for input selector switch. A complete bargain.



*the sound approach to quality*

**TRIO**

# 100 WATTS (IHF 8Ω) SOLID STATE STEREO AMPLIFIER MODEL KA-4000

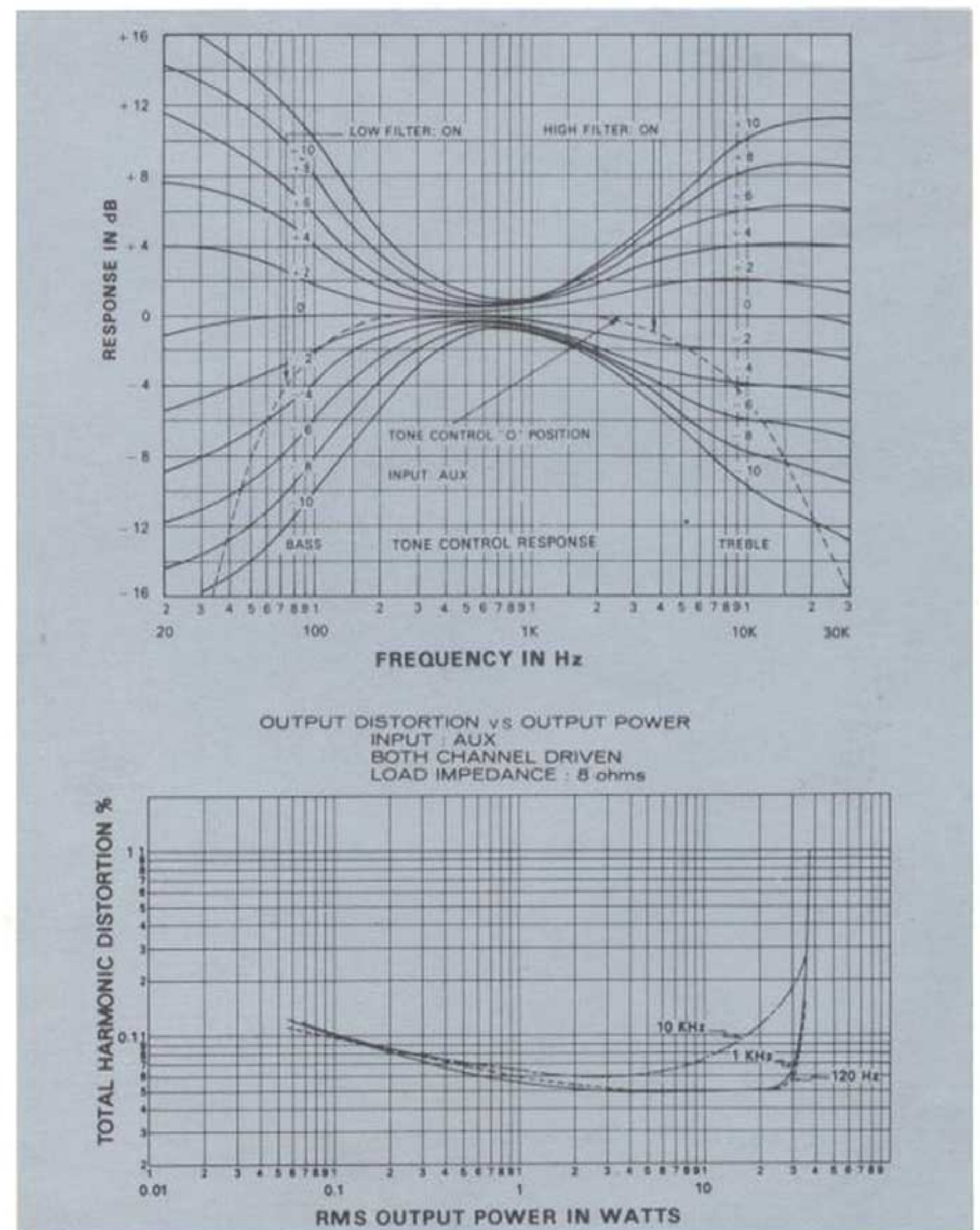
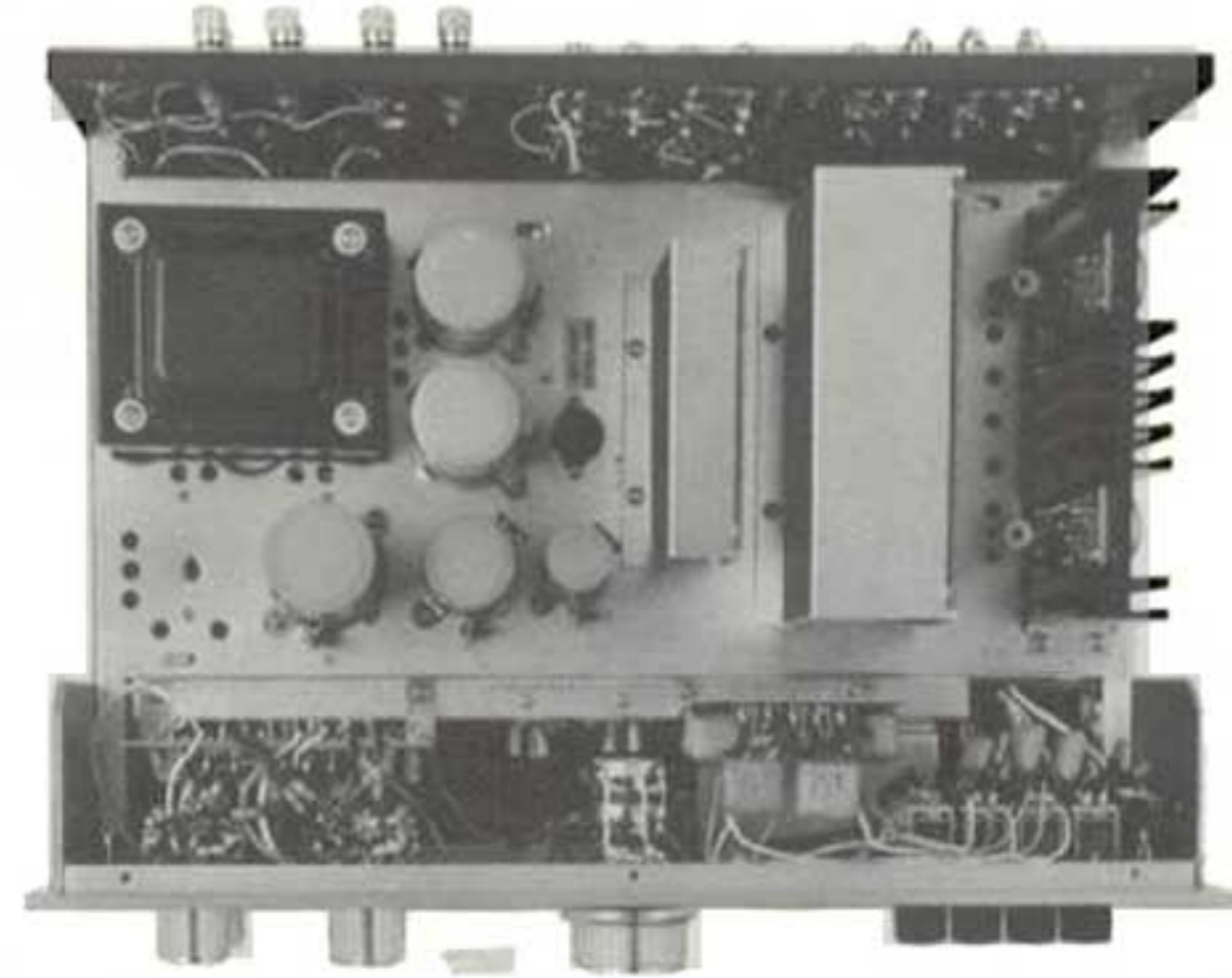
## SPECIAL FEATURES

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|---|--|--|--|
| <ol style="list-style-type: none"> <li>1. 100 watts of IHF standard total music power—enough to drive even low efficiency Hi-Fi speakers.</li> <li>2. The wide power bandwidth of 13 Hz to 30,000 Hz with very low IM distortion.</li> <li>3. Lever type -20 dB muting switch of quick response for momentary quietness during</li> </ol> | <ol style="list-style-type: none"> <li>4. 2 dB step type tone controls.</li> <li>5. Blue light indicators for input selector switch.</li> <li>6. Lever type high and low filter switches.</li> <li>7. Pre-amplifier outputs for use with other power amplifier or</li> </ol> | <ol style="list-style-type: none"> <li>8. Main amplifier inputs for the use with other pre-amplifier, tuner and tape recorder with pre-amplifier, and also these inputs enable you to drive the main amplifier directly.</li> <li>9. Speaker terminals for 2 sets of stereo speakers and front panel speaker selector switch (A</li> </ol> | <ol style="list-style-type: none"> <li>10. Large Volume/Balance controls knob located in center of front panel.</li> <li>11. Exclusive blow-out proof automatic circuit breaker protects power transistors. (U.S. Pat.)</li> </ol> |
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## SPECIFICATIONS

Total Music Power (IHF) :	120 watts at 4 ohms load 100 watts at 8 ohms load
Continuous Power :	53/53 watts at 4 ohms load 40/40 watts at 8 ohms load
(each channel driven)	41/41 watts at 4 ohms load 32/32 watts at 8 ohms load
(both channel driven)	13 Hz to 30,000 Hz
Power Bandwidth (IHF) :	less than 0.5% at rated output
Harmonic Distortion :	less than 0.3% at rated output
Intermodulation Distortion :	less than 0.1% at -3 dB rated output
(60 Hz & 7,000 Hz, 4 : 1)	
Frequency Response :	20 Hz to 50,000 Hz ± 1 dB
(High Level Input)	Phono 1 2 mV
Sensitivity :	Phono 2 2 mV
(for rated output at	Tape Head 2.3 mV
8 ohms load)	MIC 2 mV
	AUX 200 mV
	Tuner 200 mV
	Tape Play 200 mV
	Main Amp. Input
	100 mV
Input Impedance	Phono 1 50K ohms
(at 1,000 Hz)	Phono 2 50K ohms
	Tape Head 100K ohms
	MIC 100K ohms
	AUX, Tuner, Tape Play
	100K ohms
	Main Amp Input
	300K ohms
Signal to Noise Ratio :	Phono 1 65 dB
(below rated output)	Phono 2 65 dB
	Tape Head 63 dB
	MIC 67 dB
	AUX, Tuner, Tape Play
	77 dB
Output Impedance :	0.29 ohm at 1,000 Hz
(at Speaker Terminal)	0.52 ohm at 50 Hz
	0.29 ohm at 10,000 Hz
Damping Factor :	55 at 16 ohms load
(at 1,000 Hz)	27.5 at 8 ohms load
Bass Control :	±10 dB at 100 Hz with 2 dB step
	switch
Treble Control :	±10 dB at 10,000 Hz with 2 dB step
	switch
Low Filter :	80 Hz cut-off, 12 dB per octave
High Filter :	8,000 Hz cut-off, 12 dB per octave
Inputs :	Pair of Phono 1, Phono 2, Tape
	Head, AUX, Tuner, Tape Play, MIC
	and Main Amp. Inputs.
Outputs :	2 pairs of Stereo Speaker Outputs (4
	to 16 ohms), Pre-amp Outputs, Head-
	phone Jack, Low level MONO out-
	put, Tape Recording outputs, DIN
	standard Tape Rec/Play Connector,
	Switched and unswitched AC Out-
	lets.
Power Requirement	AC 50/60 Hz, 110-120/220-240 V
Power Consumption :	13 watts at no signal,
	180 watts at full power
Dimensions :	Width 16-5/16" (408 mm)
	Height 5-5/32" (134 mm)
	Depth 11-1/32" (280 mm)
Weight :	17.6 lbs. (8 kg)

\* Any of the specifications given here may be changed or modified without notice.



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