

MODEL 501 MONO POWER AMPLIFIER



JEFF ROWLAND
DESIGN GROUP

EFFORTLESS. AN AMPLIFIER'S ABILITY TO DRIVE A LOUDSPEAKER AND ACCURATELY PORTRAY A MUSICAL COMPOSITION'S DYNAMIC CRESCENDOS IN LIFELIKE MANNER RESTS IN ITS CAPACITY TO PROVIDE INSTANT AND EFFORTLESS POWER UPON DEMAND. UTILIZING ICEPOWER™ POWER CONVERSION TECHNOLOGY TO PRODUCE OVER 500 WATTS INTO 8 OHMS AND 1000 WATTS INTO 4, THE MODEL 501 EASILY SATISFIES THIS CRITERION. BORN FROM THE SAME KNOWLEDGE AND EXPERIENCE THAT INSPIRED THE CRITICALLY-ACCLAIMED 300 SERIES, THE MODEL 501 RAISES THE BAR TO NEW HEIGHTS IN ITS ACHIEVEMENT OF SONIC EXCELLENCE IN A SMALL, EFFICIENT, LOW-COST PACKAGE.

EXPLODING MYTHS. JEFF ROWLAND DESIGN GROUP HAS CONVINCINGLY AND CONSISTENTLY PROVEN THAT CAREFUL AND ENLIGHTENED EXECUTION OF DESIGN CAN OVERCOME AND REVERSE NOTIONS ONCE THOUGHT OF AS AUDIO HERESY, *i.e.*, LINE-LEVEL TRANSFORMERS, FULLY-BALANCED INPUTS AND OUTPUTS, SWITCHING POWER SUPPLIES, AND THE LIST GOES ON. THE 501 DISPELS THE MYTH THAT ONLY LOW-POWER AMPLIFIERS CAN FAITHFULLY HONOR THE ORIGINAL SOURCE.

SATISFYING DEMANDS. THE FINEST MODERN LOUDSPEAKER DESIGNS, FROM DIMINUTIVE STUDIO MONITORS AND MASSIVE MULTI-DRIVER ARRAYS TO LARGE, FULL-RANGE ELECTROSTATICS, REQUIRE AN UNWAVERING SOURCE OF AMPLIFIER POWER TO CONVEY MUSIC NATURALLY AND REALISTICALLY. THE GREAT MAJORITY OF LOUDSPEAKERS PRESENT COMPLEX AND DIFFICULT LOADS THAT MUST BE DRIVEN IN A LINEAR MANNER. THE MODEL 501 SATISFIES THIS DEMAND WHILE MAINTAINING THE PRECISION OF A LOWER POWERED AMPLIFIER.

FLEXIBILITY. NUMEROUS MODEL 501S ARE AS CAPABLE POWERING A CUSTOM MULTI-CHANNEL HOME THEATER SYSTEM AS TWO UNITS DRIVING A FULL-RANGE STEREO LOUDSPEAKER SYSTEM. ITS DIMINUTIVE SIZE AND LOW OPERATING TEMPERATURE ALLOWS FOR FLEXIBLE PLACEMENT IN ANY LISTENING ENVIRONMENT.



MODEL 501 SPECIFICATIONS:

RATED OUTPUT POWER, CONTINUOUS RMS.....	500 WATTS INTO 8 OHMS, 1000 WATTS INTO 4 OHMS
FREQUENCY RESPONSE.....	5 Hz - 45 kHz, -3 dB @ 8 OHMS
PEAK OUTPUT CURRENT CAPABILITY.....	>45 AMPS
DYNAMIC RANGE.....	120 dBA
LOAD IMPEDANCE RANGE.....	2 OHMS TO 16 OHMS
THD+NOISE, 0.1W - 500W, 4 OHMS.....	0.1%, TYPICALLY <.01% @ 1kHz
CCIF INTERMODULATION DISTORTION, 19/20 kHz.....	<.002%
DAMPING FACTOR @ 1 kHz.....	1000
COMMON MODE REJECTION RATIO.....	>90 dB, 20 Hz - 20 kHz
INPUT IMPEDANCE.....	40,000 OHMS
ABSOLUTE PHASE.....	NON-INVERTING, PIN 2 POSITIVE
INPUTS.....	1 X BALANCED XLR
OUTPUTS.....	1 PAIR CE APPROVED BINDING POSTS
POWER CONSUMPTION.....	IDLE: 15 WATTS; MAXIMUM: 1300 WATTS
AMPLIFIER DIMENSIONS (EACH).....	2.85" (H) X 8.4" (W) X 13.0" (D) / 7.2 CM (H) X 21 CM (W) X 33 CM (D)
AMPLIFIER WEIGHT (EACH).....	17 LBS. / 7.8 KG

All specifications subject to change due to improvements in technology and manufacturing