

AMC™

2445a

2/4 CHANNEL POWER AMPLIFIERS

FOR ARCHITECTURAL, HOME, OFFICE OR MARINE APPLICATIONS

AMC

2/4 Channel Power Amplifier 2445a
45W x 4 or 90W x 2 RMS @ 0.03% THD

AMC 2445a IS A MULTI-CHANNEL AMPLIFIER DESIGNED TO REPRODUCE "TRUE TO LIFE" AUDIO SIGNALS WITH WIDE-RANGE OF SPEAKERS. ITS RUGGED DESIGN AND DISCRETE OUTPUT DEVICES ARE CAPABLE OF DELIVERING HIGH OUTPUT CURRENT, WHICH IS DEMANDED BY LOW IMPEDANCE SPEAKER LOADS AND EXHIBITED BY VIRTUALLY ALL COMTEMPORARY LOADSPEAKERS. IT CAN BE BI-WIRED IN 4-CHANNEL MODE FOR HIGH QUALITY SOUND REPRODUCTION, BRIDGED FOR OPERATION AS A 2-CHANNEL STEREO AMPLIFIER, OR USED AS A MULTI-ROOM DISTRIBUTION AMPLIFIER. MOREOVER, EACH INPUT HAS INDEPENDENT LEVEL CONTROLS FOR ACCURATE BALANCING OF INDIVIDUAL AUDIO SYSTEMS.

- 45 WATTS x 4 OR 90W x 2 RMS @ 0.03% THD
- HIGH CURRENT DISCRETE MULTI-CHANNEL AMPLIFIERS
- TWO INDIVIDUAL POWER TRANSFORMERS WITH EXCELLENT GROUNDING DESIGNS
- INDIVIDUAL CHANNEL LEVEL CONTROLS
- AUTO POWER ON/OFF BY AUDIO SIGNALS, 3-30V AC/DC TRIGGER OR CONSTANT
- WITH 12V DC TRIGGER OUTPUT
- SWITCH BETWEEN 2 CH OR 4 CH BY MODE SWITCH
- REMOTE POWER-ON SWITCHING VIA SIGNAL SENSING OR VOLTAGE TRIGGER
- 12V CONTROL OUTPUT FOR SWITCHING AUXILIARY DEVICES ON/OFF
- 5-WAY BINDING POSTS
- MULTI-VOLTAGE POWER TRANSFORMER PASSED ALL INTERNATIONAL SAFETY STANDARDS
- BY SIMPLY CHANGING JUMPER WIRES, 2445a CAN BE USED INTERNATIONALLY WITH DIFFERENT POWER SUPPLY VOLTAGES

WHAT Hi-Fi?



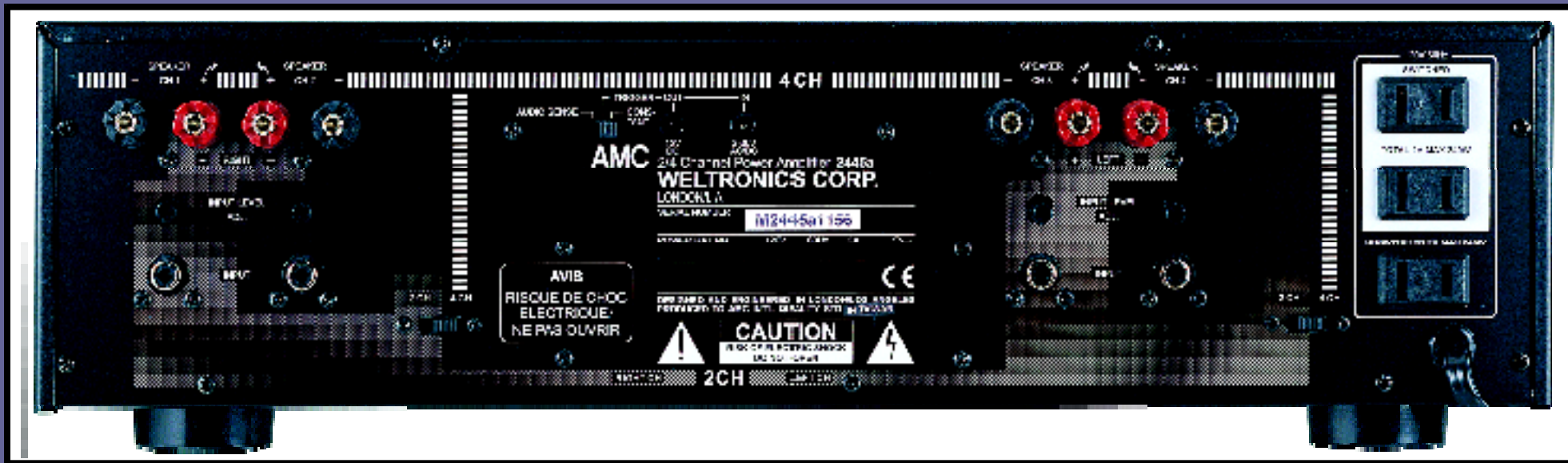
INFORMATION
APPLIANCE



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SPECIFICATIONS

POWER OUTPUT PER CHANNEL INTO 4 OHMS (20Hz – 20kHz WITH ALL CHANNELS DRIVEN)	45W	POWER OUTPUT PER CHANNEL INTO 8 OHMS (20Hz – 20kHz) WITH BOTH CHANNELS DRIVEN	90W
RATED THD	<0.03%	RATED THD	<0.03%
1 kHz CLIPPING POWER INTO 4 OHMS	50W	1 kHz CLIPPING POWER INTO 8 OHMS	100 watts
DAMPING FACTOR	>100	DAMPING FACTOR	>100
INPUT SENSIVITY FOR 1WATT/ 45WATT OUTPUT INTO 4 OHMS	130mV / 866mV	INPUT SENSIVITY FOR 1 WATT/ 90WATT OUTPUT INTO 8 OHMS	91mV / 866mV
INPUT IMPEDANCE	R=10k ohms C=200pf	Weltronics Corp., U.S.A. Division of IEEE Group P.O. Box 80584 San Marino, CA 91108 626-799-6396 voice 626-799-6541 fax info@amchome.com www.amchome.com	
FREQUENCY RESPONSE (20Hz - 20kHz)	+/-0.5dB		
“A” WTD SIGNAL TO NOISE RATIO (REF. 1W/8 OHMS)	100dB		
DIMENSIONS (WxHxD) INCHES	17x5x12		
SHIPPING WEIGHT	29 lbs		
POWER CONSUMPTION	360W		

LT-2445a Rev. A
P/N: 21-2445a*A