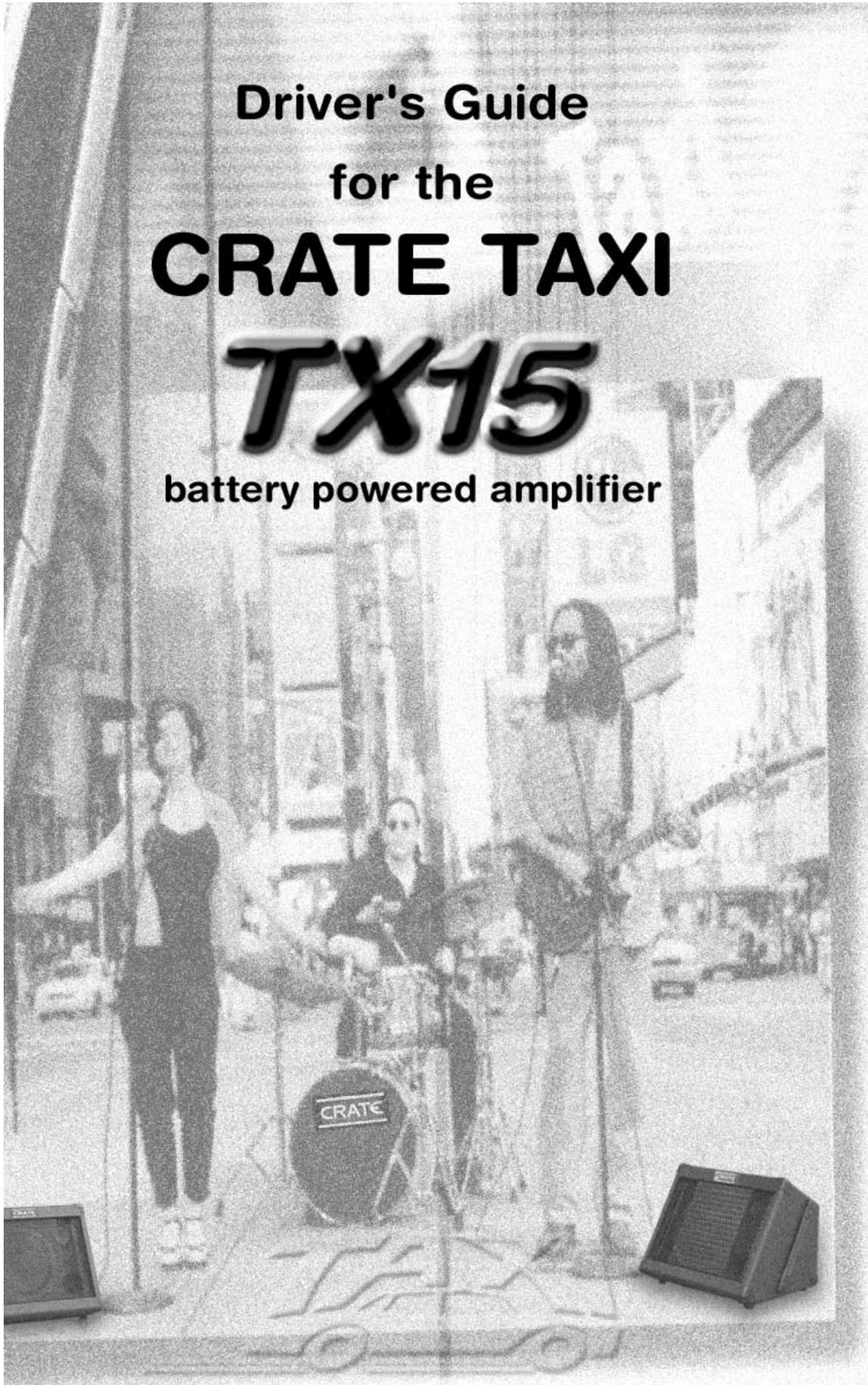


Driver's Guide
for the
CRATE TAXI
TX15

battery powered amplifier



CRATE TAXI • TX15

CONGRATULATIONS!

You are now the proud owner of the Crate TX15 battery powered amplifier. At last, you can take your music with you and have great tone on the road. The TX15 is compact and portable, with two inputs and the incredible sound that has made Crate a household name among musicians.

Like all Crate products, your TX15 is designed by musicians and built using the finest components available. Each unit is rigorously tested by skilled technicians and musicians to ensure that your amplifier is the best it can be!

In order to get the most out of your new amplifier, please read this manual before you begin playing.

And Thank You for choosing **CRATE**.

CONTENTS:

Features	3
Suggested Setup	3
About the Power Supply	4
The Front Panel	5
The Rear Panel	6
System Block Diagram	7
Technical Specifications	.back cover

	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	
<small>WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE. TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.</small>		

	PRECAUCION RIESGO DE CORRIENTAZO NO ABRA	
<small>PRECAUCION: PARA REDUCIR EL RIESGO DE INCENDIOS O DESCARGAS ELECTRICAS, NO PERMITA QUE ESTE APARATO QUEDA EXPUESTO A LA LLUVIA O LA HUMEDAD. PARA DISMINUIR EL RIESGO DE CORRIENTAZO NO ABRA LA CUBIERTA. NO HAY PIEZAS ADENTRO QUE EL USUARIO PUEDE REPARAR DEJE TODO MANTENIMIENTO A LOS TECNICOS CALIFICADOS.</small>		

	ATTENTION RISQUE D'ELECTROCUTION NE PAS OUVRIR	
<small>ATTENTION: PROTEGEZ CET APPAREIL DE LA PLUIE ET DE L'HUMIDITE AFIN D'EVITER TOUT RISQUE D'INCENDIE OU D'ELECTROCUTION. POUR REDUIRE D'ELECTROCUTION NE PAS ENLEVER LE COUVERCLE. AUCUNE PIECE INTERNE N'EST REPARABLE PAR L'UTILISATEUR. POUR TOUTE REPARATION, S'ADRESSER A UN TECHNICIEN QUALIFIE.</small>		

IMPORTANT SAFETY INSTRUCTIONS

- READ, FOLLOW, HEED, AND KEEP ALL INSTRUCTIONS AND WARNINGS.
- DO NOT OPERATE NEAR ANY HEAT SOURCE AND DO NOT BLOCK ANY VENTILATION OPENINGS ON THIS APPARATUS. FOR PROPER OPERATION, THIS UNIT REQUIRES 3" (75mm) OF WELL VENTILATED SPACE AROUND HEATSINKS AND OTHER AIR FLOW PROVISIONS IN THE CABINET.
- DO NOT USE THIS APPARATUS NEAR SPLASHING, FALLING, SPRAYING, OR STANDING LIQUIDS.
- CLEAN ONLY WITH LINT-FREE DAMP CLOTH AND DO NOT USE CLEANING AGENTS.
- ONLY CONNECT POWER CORD TO A POLARIZED, SAFETY GROUNDED OUTLET WIRED TO CURRENT ELECTRICAL CODES AND COMPATIBLE WITH VOLTAGE, POWER, AND FREQUENCY REQUIREMENTS STATED ON THE REAR PANEL OF THE APPARATUS.
- PROTECT THE POWER CORD FROM DAMAGE DUE TO BEING WALKED ON, PINCHED, OR STRAINED.
- UNPLUG THE APPARATUS DURING LIGHTNING STORMS OR WHEN UNUSED FOR LONG PERIODS OF TIME.
- ONLY USE ATTACHMENTS, ACCESSORIES, STANDS, OR BRACKETS SPECIFIED BY THE MANUFACTURER FOR SAFE OPERATION AND TO AVOID INJURY.
- THIS APPARATUS DOES NOT OPERATE NORMALLY AND REQUIRES SERVICE WITH ANY PHYSICAL DAMAGE FROM IMPACT OR ANY EXPOSURE TO MOISTURE.
- SERVICE MUST BE PERFORMED BY QUALIFIED PERSONNEL.
- OUR AMPLIFIERS ARE CAPABLE OF PRODUCING HIGH SOUND PRESSURE LEVELS. CONTINUED EXPOSURE TO HIGH SOUND PRESSURE LEVELS CAN CAUSE PERMANENT HEARING IMPAIRMENT OR LOSS. USER CAUTION IS ADVISED AND EAR PROTECTION IS RECOMMENDED IF UNIT IS OPERATED AT HIGH VOLUME.

EXPLANATION OF GRAPHICAL SYMBOLS:

EXPLICACION DE SIMBOLOS GRAFICOS:
EXPLICATION DES SYMBOLES GRAPHIQUES:



"DANGEROUS VOLTAGE"
"VOLTAJE PELIGROSO"
"DANGER HAUTE TENSION"



"IT IS NECESSARY FOR THE USER TO REFER TO THE INSTRUCTION MANUAL"
"ES NECESARIO QUE EL USUARIO SE REFIERA AL MANUAL DE INSTRUCCIONES."
"REFERREZ-VOUS AU MANUAL D'UTILISATION"

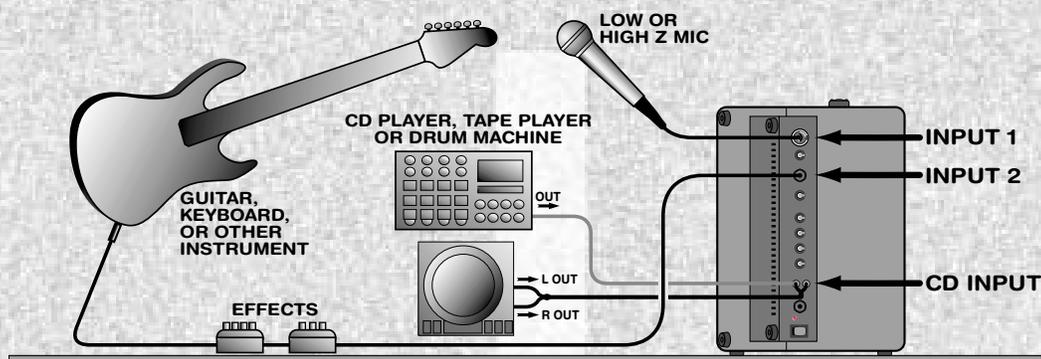
CRATE TAXI • TX15

FEATURES:

- Two input channels for connecting microphones (high and low Z) and instruments
- CD input jacks for connecting a CD or tape player, rhythm machine or other background source
- Headphones jack for listening in private
- Internal rechargeable power supply provides a minimum of 8 hours normal playing time - fully recharges within 6 hours
- Charger doubles as AC wall adapter to conserve battery
- Two-color battery status LED: red indicates low battery, yellow indicates battery is okay
- Tuned port cabinet for extended bass response, 8" woofer and 2" Piezo tweeter for full range sound with clear highs
- Durable high-visibility safety yellow or low-profile black Tolex® covering
- Rubber feet on three different sides for positioning as either a low angle monitor, high angle monitor or upright speaker (see below)



SUGGESTED SETUP:



C R A T E T A X I • T X 1 5

ABOUT THE POWER SUPPLY:

The TX15 uses a sealed lead-acid 12-volt battery as its internal power source. Unlike ni-cad batteries, this battery has no “memory” – it can be fully recharged at any time, without damage to the battery.

When fully charged, the LED next to the power switch will illuminate yellow with the switch in the on position. The LED will change to red when the battery is low and needs recharging. When this happens, turn the amp off, connect the 15-volt charger to the charger jack and plug it in to an AC outlet. The LED near the charger jack will illuminate red while the amp is charging and goes out when the amp is fully charged. The battery fully recharges within 6 hours, providing at least 8 hours of use at low levels, about 4 hours of use at moderate levels, and about 2 hours of use at continuous full power (sine wave). The battery is rated for up to 1000 charging cycles. (The charger can also function as an AC power supply.)

The battery inside the TX15 must be fully charged before operating the amplifier for the first time. The amplifier leaves our factory with a charged battery. However, the battery may lose some of its charge in transit.

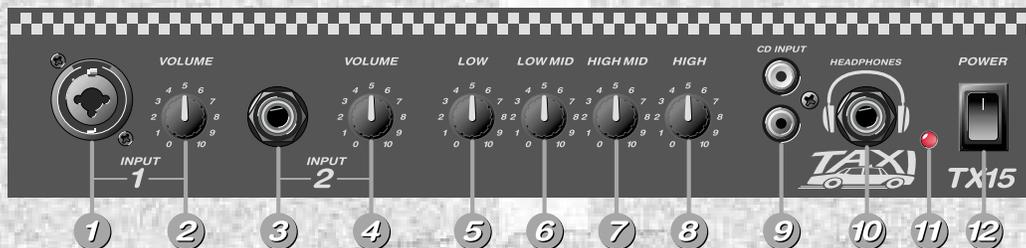
NOTE: If the battery is drained too low, the Power LED will go out. This indicates an exhausted battery – one which may not take a charge. If this happens, turn the amp off, connect the 15-volt charger to the charger jack and plug it in. If the Charger LED (see #14, page 6) doesn't illuminate, the battery might be beyond recharging. (The TX15 uses a “smart” charging circuit and will not allow you to charge a defective battery.) If the battery is serviceable, the LED will illuminate once the battery reaches 10 volts – leave the charger plugged in and let the battery fully recharge. If the LED never illuminates, the battery may need replacing. Contact Crate's service department:

SLM Electronics
1901 Congressional Drive
St. Louis, MO 63146
1-800-738-PARTS (7563)

CAUTION! The TX15 contains a sealed, rechargeable, lead-acid battery. Improper disposal of battery or replacement with any other type may cause leakage, explosion, and/or injury. Refer also to the warranty card.

CRATE TAXI • TX15

THE FRONT PANEL:



1. INPUT 1: Use this jack to connect a low or a high impedance microphone to the amplifier by means of a shielded signal cable.

2. VOLUME 1: Use this control to adjust the level of the signal connected to the Input 1 jack (#1).

3. INPUT 2: Use this jack to connect an instrument or a high impedance microphone to the amplifier by means of a shielded instrument or signal cable.

4. VOLUME 2: Use this control to adjust the level of the signal connected to the Input 2 jack (#3).

5. LOW: Use this control to adjust the level of the low frequencies for both inputs.

6. LOW MID: Use this control to adjust the level of the lower-middle frequencies for both inputs.

7. HIGH MID: Use this control to adjust the level of the upper-middle frequencies for both inputs.

8. HIGH: Use this control to adjust the level of the high frequencies for both inputs.

9. CD INPUT: Use these jacks to connect the output of a CD player, a tape player, a rhythm machine or any other similar source to the amplifier by means of a shielded signal cable. These jacks are connected in parallel – a stereo signal should be connected to both jacks (the left channel to one jack, the right channel to the other), while a mono signal may be connected to either jack.

10. HEADPHONES: Use this jack to connect a pair of stereo headphones to the amplifier. The internal speaker is disconnected when the headphones jack is used.

11. LED: When the power switch is on and the battery is fully charged, this LED illuminates yellow. The LED illuminates red when the battery needs recharging.

12. POWER: Use this switch to turn the amplifier on (top of the switch depressed) and off (bottom of the switch depressed).

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THE REAR PANEL:



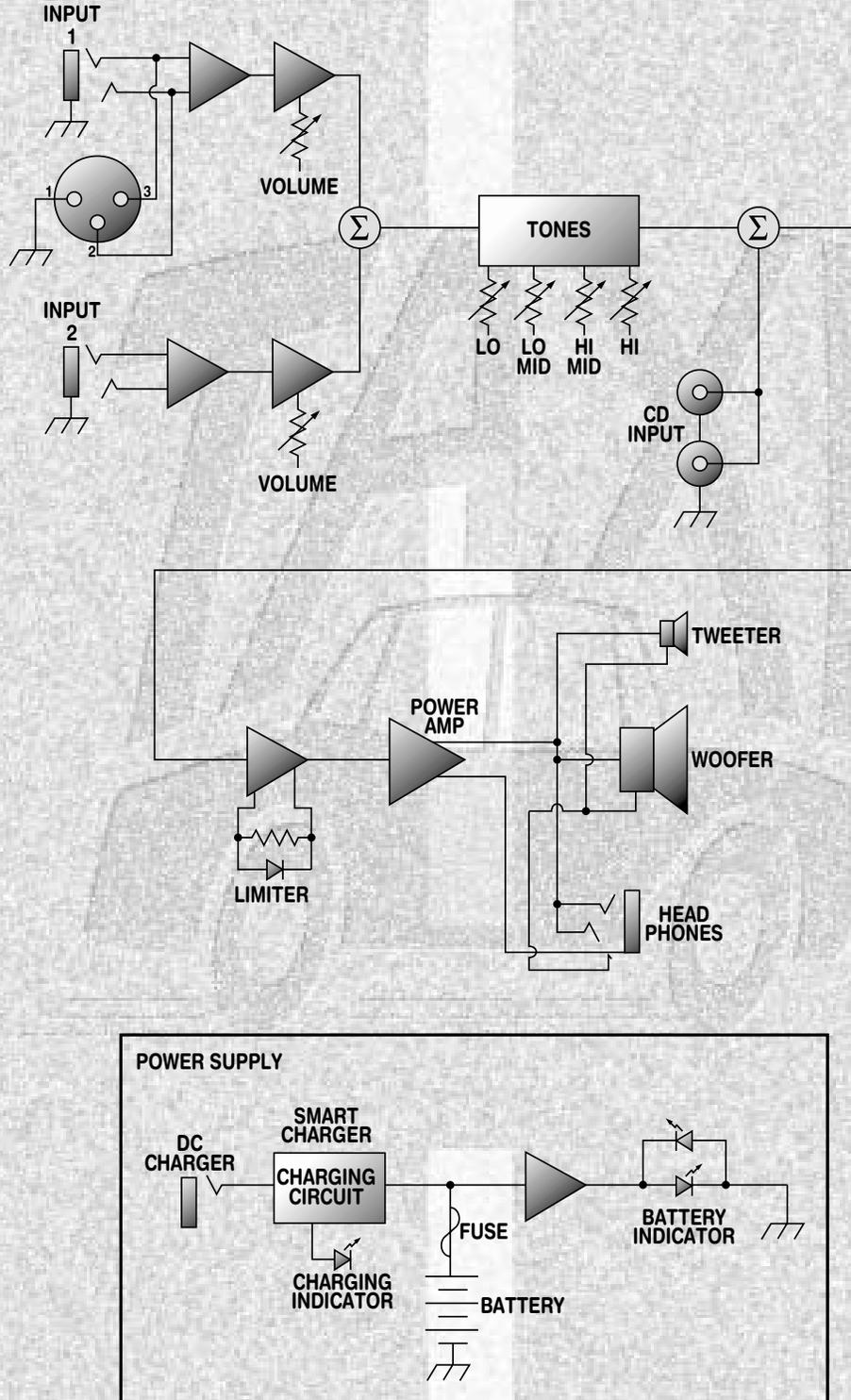
13. DC CHARGER PLUG: Use this jack to connect the 15VDC charger to the amplifier to recharge the battery (power switch off) or to supply power to the amplifier while playing (power switch on). Plug the charger into an AC outlet of the proper voltage as listed on the charger.

NOTE: The 15VDC charger will recharge the amplifier's battery only when the amp is not being played. If the amplifier is being played while the charger is connected and plugged into a source of AC power, the battery will neither charge or discharge.

14. LED: This LED illuminates when the amplifier is being charged. Once the battery is fully charged, this LED should go out. (See page 4 for complete information on the power supply.)

CRATE TAXI • TX15

SYSTEM BLOCK DIAGRAM:



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TECHNICAL SPECIFICATIONS

OUTPUT POWER RATING		15W RMS @ 10% THD, 4 ohms, 13.6VDC in
INPUT IMPEDANCE		20k ohm
MAXIMUM SIGNAL ACCEPTED		
	Input 1 Hi-Z	8V peak to peak, 2.75V RMS
	Input 1 Lo-Z	1.2V peak to peak, 40mV RMS
	Input 2	8V peak to peak, 2.75V RMS
GAIN	Input 1	Hi-Z 52dB, Lo-Z 68dB
	Input 2	52dB
SENSITIVITY	Input 1	Hi-Z 12mV RMS, Lo-Z 1.75mV RMS
	Input 2	12mV RMS
EQS	Low	±15dB @ 70Hz
	Low Mid	±12dB @ 385Hz
	High Mid	±10dB @ 1.85kHz
	High	±15dB @ 10kHz
SPEAKERS	Woofers	Crate Custom 8", 4 ohm, 15 watt, 1" voice coil
	Tweeter	2" Piezo
POWER REQUIREMENTS		Internal 12 volt DC power supply DC adapter for use with 120VAC
SIZE AND WEIGHT		14.5"W x 11.75"H x 12"D; 20 lbs.

The TX15 is covered with a durable Tolex® material. To keep the cabinet in top condition, wipe it clean with a damp, lint-free cloth to remove dirt and road film. Never spray cleaning agents directly onto the cabinet. Do not use abrasive cleansers which could damage the finish.

Crate continually develops new products, as well as improves existing ones. For this reason, the specifications and information in this manual are subject to change without notice.

Declaration Of Conformity

#26, Effective 01-01-2001

Manufacturer's Name: SLM Electronics
Production Facility: 11880 Borman Drive, St. Louis, MO 63146, USA
Production Facility: 700 Hwy 202 W, Yellville, AR 72687, USA
Shipping Facility: 1400 Ferguson Ave., St. Louis, MO 63133, USA
Office Facility: 1400 Ferguson Ave., St. Louis, MO 63133, USA

Product Type: Audio Amplifier

Complies with Standards:

LVD: 92/31/EEC, 93/68/EEC, & 73/23/EWG
Safety: EN60065
EMC: EN55013, EN55020, EN55022, EN61000-3-2,
& EN61000-3-3

Supplementary information provided by your local Sales & Services Office or:
SLM Electronics - R & D Engineering
1901 Congressional Drive, St Louis, MO 63146, USA
Tel.: 314-569-0141, Fax: 314-569-0175

CRATE
www.crateamps.com



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