



SERIES
AMPLIFICATION

V1512

GUITAR AMPLIFIER

OWNER'S GUIDE

Declaration Of Conformity

#35, 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

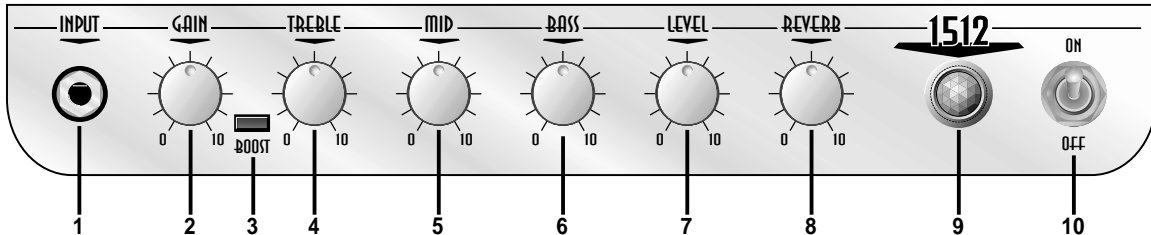
<div style="text-align: center;"> CAUTION </div> <p style="font-size: 0.7em; margin: 0;">RISK OF ELECTRIC SHOCK DO NOT OPEN</p> <p style="font-size: 0.6em; margin: 0;">WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE. TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.</p>	<div style="text-align: center;"> PRECAUCION </div> <p style="font-size: 0.7em; margin: 0;">RIESGO DE CORRIENTAZO NO ABRA</p> <p style="font-size: 0.6em; margin: 0;">ADVERTENCIA: REDUCIR EL RIESGO DE FUEGO O CHOQUE ELECTRICO. NO LE EXPONE DE ESTE APARATO A LLUVIA O HUMEDAD. PARA DISMINUIR EL RIESGO DE CORRIENTAZO. NO ABRA LA CUBIERTA. NO HAY PIEZAS ADENTRO QUE EL USUARIO PUEDO REPARAR DEJE TODO MANTENIMIENTO A LOS TECNICOS CALIFICADOS.</p>	<div style="text-align: center;"> ATTENTION </div> <p style="font-size: 0.7em; margin: 0;">RISQUE D'ELECTROCUTION NE PAS OUVRIR</p> <p style="font-size: 0.6em; margin: 0;">ATTENTION: POUR REDUIRE D'ELECTROCUTION NE PAS ENLEVER LE COUVERCLE. AUCUNE PIECE INTERNE NEST REPRABLE PAR L'UTILISATEUR. POUR TOUTE REPARATION, S'ADRESSER A UN TECHNICIEN QUALIFIE.</p>
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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.
- 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:	= "DANGEROUS VOLTAGE" = "IT IS NECESSARY FOR THE USER TO REFER TO THE INSTRUCTION MANUAL"	EXPLICACION DE SIMBOLOS GRAFICOS:
EXPLICATION DES SYMBOLES GRAPHIQUES:	= "VOLTAJE PELIGROSO" = "ES NECESARIO QUE EL USUARIO SE REFIERA AL MANUAL DE INSTRUCCIONES."	
	"DANGER HAUTE TENSION" "REFERREZ-VOUS AU MANUAL D'UTILISATION"	

The Front Panel:



1. Input: Connect your instrument here by means of a shielded signal cable.

2. Gain: Use this control to adjust the input gain. With the control towards the counter clockwise position, the gain is low and very little distortion is present. As you rotate the control clockwise the gain increases, producing more overdrive distortion and a higher output volume level.

3. Boost: This switch, when depressed, increases the output of the frequencies below 500Hz, giving the bottom end more punch.

4. Treble: Use this control to adjust the output level of the high frequencies. This control provides 8dB of cut or boost at 10kHz.

5. Mid: Use this control to adjust the output level of the middle frequencies. This control provides 9dB of cut or boost at 700Hz.

6. Bass: Use this control to adjust the output level of the low frequencies. This control provides 12dB of cut or boost at 60Hz.

7. Level: Use this control to adjust the output level of the amplifier.

8. Reverb: Use this control to adjust the amount of reverberation applied to the signal. With the control fully counter clockwise no reverb is applied. As you rotate the control clockwise the reverb increases.

9. Lamp: This lamp illuminates when the amplifier is turned on.

10. On/Off Switch: Use this switch to turn the amplifier on and off.

11. AC Line Cord (rear panel, not shown): The grounded power cord should only be plugged into a grounded power outlet that meets all applicable electrical codes and is compatible with the voltage, power, and frequency requirements stated on the rear panel. **Do not attempt to defeat the safety ground connection.**

12. Speaker Connector (rear panel, not shown): The V1512 is shipped with a 1/4" cable connected from the chassis to the internal speaker. To connect the amplifier to an external speaker cabinet, disconnect the 1/4" plug from the amplifier and use the jack to connect the external cabinet to the amplifier by means of a heavy duty speaker cable terminated with 1/4" plugs. The minimum impedance for the external speaker is 16 ohms.

V SERIES **V1512 GUITAR AMPLIFIER**

V1512 TECHNICAL SPECIFICATIONS:

OUTPUT POWER RATING	15 Watts RMS @ 5 % THD, 16 ohm load, 120 VAC
SIGNAL TO NOISE RATIO	65dB Typical
GAIN	98 dB
TREBLE	8dB range @ 10 kHz
MID	9dB range @ 700 Hz
BASS	12dB range @ 60 Hz
SPEAKER SPECS	12", 60w, 16 ohm, 1.75" voice coil diameter, 38oz. magnet
PREAMP TUBES	(3) 12AX7A
POWER AMP TUBES	(2) EL84
POWER REQUIREMENTS	120 VAC, 60 Hz, 70VA 100/115 VAC, 50/60 Hz, 70VA 230 VAC, 50/60 Hz, 70VA
SIZE AND WEIGHT	18-1/2" W x 16-1/2" H x 9-1/2" D, 38 lbs.

The V1512 is covered with a durable Tolex material: wipe it clean with a lint-free cloth. Never spray cleaning agents onto the cabinet. Avoid abrasive cleansers which would damage the finish.

Specifications and information in this manual are subject to change without notice.



www.v-seriesamps.com



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