



XT30RC

Guitar Amplifier



User's Guide





Congratulations!

You are now the proud owner of the Crate XT30RC Guitar Amplifier. This rugged amplifier features a Clean channel with a three band EQ and level control, and a Solo channel with our patented FlexWave technology, gain, Level and Shape control. A Reverb control and a switchable Chorus with Depth and Rate controls are provided for greater flexibility. RCA Input jacks allow connection of a CD or tape player for playing along with your favorite music, and the Headphones jack lets you practice in private. The rear panel footswitch jack allows remote control of channel selection and for turning the Chorus effect on and off.

Like all Crate products, your XT amplifier is designed by musicians, and built using only the best components. Extensive testing confirms that this amplifier is the absolute best it can be.

In order to get the most out of your new amplifier, we strongly urge you to read the information contained in this manual before you begin playing.

And thank you for choosing **CRATE**.

<div style="text-align: center;"> CAUTION <small>RISK OF ELECTRIC SHOCK DO NOT OPEN</small> </div> <p style="font-size: 8px; margin-top: 5px;">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 <small>RIESGO DE CORRIENTAZO NO ABRA</small> </div> <p style="font-size: 8px; margin-top: 5px;">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 PUEDA REPARAR DE JE TODO MANTENIMIENTO A LOS TECNICOS CALIFICADOS.</p>	<div style="text-align: center;"> ATTENTION <small>RISQUE D'ELECTROCUTION NE PAS OUVRIR</small> </div> <p style="font-size: 8px; margin-top: 5px;">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.</p>									
<p>IMPORTANT SAFETY INSTRUCTIONS</p> <ul style="list-style-type: none"> • 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. • WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK OR FIRE, DO NOT EXPOSE THIS UNIT TO RAIN OR 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. 											
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CRATE XT30RC Guitar Amplifier

The Front Panel:



1: INPUT: Use this jack to connect your guitar to the amplifier by means of a shielded instrument cable.

SOLO CHANNEL: A high gain channel designed to give you sounds from a slight edge to serious overdrive.

2: GAIN: Use this control to adjust the amount of distortion for the Solo channel.

3: SHAPE: Use this control to adjust to tone of the Solo channel.

4: LEVEL: Use this control to adjust the output level of the Solo channel.

5: SOLO/CLEAN: Use this switch to select the Solo or Clean channel. With the switch in the out position, the Clean channel is selected. When the switch is depressed, the Solo channel is selected. (This switch is disabled when a footswitch is used - see #17.)

CLEAN CHANNEL: A normal gain channel designed to give you crystal clear sounds to medium distortion.

6: VOL: Use this control to adjust the output level of the Clean channel.

7: LOW: Use this control to adjust the low frequency level of the clean channel.

8: MID: Use this control to adjust the midrange frequency level of the clean channel.

9: HIGH: Use this control to adjust the high frequency level of the clean channel.

10: REV LEVEL: Use this control to adjust the level of reverb effect. The reverb can be turned on and off by using a footswitch (#17, rear panel).

11: CHORUS ON: This switch, when depressed, activates the amplifier's built-in Chorus effect. (This switch is disabled when a footswitch is used - see #17.)

12: CHORUS DEPTH: Use this control to adjust the level of the Chorus effect.

13: CHORUS RATE: Use this control to adjust the speed of the Chorus effect.

14: CD INPUT: Use these RCA jacks to connect the output from a CD player or tape deck to the amplifier. The signal at these jacks is combined into a mono signal which is sent to the internal power amp circuit. Use the CD or tape player's output level control to adjust the signal for the proper mix with your guitar.

15: (HEADPHONES): Use this jack to connect headphones to the amplifier. The internal speaker is disconnected when headphones are used.

CAUTION: To avoid possible damage to your hearing, do not use headphones for extended periods of time at extremely loud levels.

16: POWER: Use this switch to turn the amplifier on (top of the switch depressed) and off (bottom of the switch depressed). The switch illuminates when the amplifier is turned on.

The Rear Panel (not shown):

17: FOOTSWITCH: Use this jack to connect the 1/4" stereo plug on the cable of a two-button footswitch (such as the Crate CFP2). This allows you to remotely switch between the Clean and Solo channels and turn the Chorus effect on and off. (The front panel switches, #5 and #11, are disabled when a footswitch is turned on.)

18: EXTENSION SPEAKER: Use this jack to connect the amplifier to an external speaker cabinet. The internal speaker is disconnected when this jack is used. The minimum impedance for the extension speaker is four ohms.

19: POWER CORD: 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.**

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XT30RC TECHNICAL SPECIFICATIONS:

Output Power Rating		>30W RMS @ 5% THD, 4Ω, 120 VAC
Gain	Solo Ch	98dB +/-6dB @ 1kHz
	Clean Ch	42dB +/-6dB @ 1kHz
CD Input		26dB +/-2dB
Maximum Input Signal Accepted		6 volts peak-to-peak min. @ 1kHz
Tone Controls	Low	20dB range @ 80Hz
	Mid	12dB range @ 900Hz
	High	18dB range @ 10kHz
Speaker Size and Rating		10" Crate Custom Design 4 ohm
Power Requirements		120 VAC, 60Hz, 50VA
Size and Weight		15-1/4" H x 17" W x 10" D, 20 lbs.

The XT30RC 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.

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.



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