

**CRATE
ACOUSTIC**

CA10

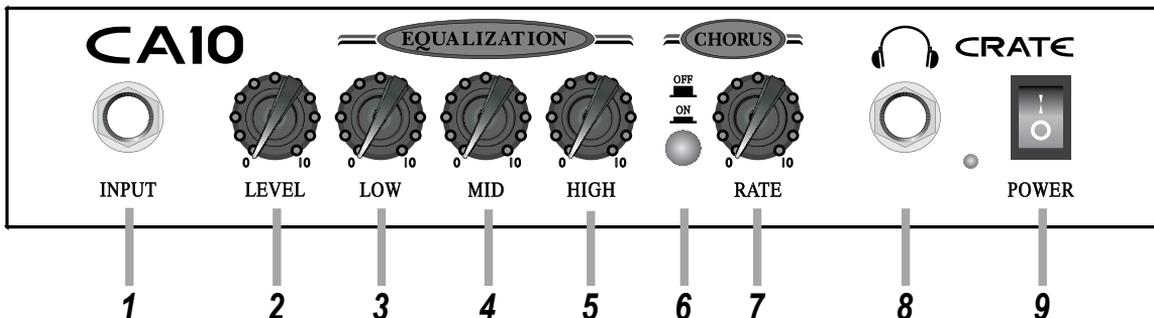
Acoustic Amplifier



User's Guide

CA10 Acoustic Amplifier

The Front Panel:



- 1: **INPUT.** This is the input jack for the guitar. Plug your guitar cord into this jack.
- 2: **LEVEL.** This controls the output level of the amplifier.
- 3: **LOW EQ.** This serves as the bass control. Adjust this control to get the best sounding bass response for your instrument.
- 4: **MID EQ.** This serves as the midrange control. Adjust this control to get the best projection and mid-range tones for your instrument.
- 5: **HIGH EQ.** This serves as the treble control. Adjust this control so your high notes and harmonic overtones are lively but not overpowering.
- 6: **CHORUS ON/OFF Switch.** This turns the chorus effect on and off.
- 7: **CHORUS RATE.** This controls the ripple speed of the chorus effect. Turn this control to the right to increase the speed.
- 8: **Headphones.** This is the output jack for the headphones. When headphones are connected, no sound is produced from the speaker.
- 9: **POWER Switch.** This turns the power amplifier on and off. The LED lights when the power amplifier is turned on.

Specifications:

Output Power	10 watts rms @ 1.0% THD, 8 ohm load
Speaker	1 x 6.5 inch, 8 ohms
Low	±12 dB @ 80 Hz
Mid	±12 dB @ 800 Hz
High	±12 dB @ 8 kHz
Input Impedance	2.2M ohm
Input Sensitivity	26 mV
Max Input Signal	140 mV
Total System Gain	18 dB @ 1kHz
Dimensions	12.6 in / 320 mm (H) 13.6 in / 345 mm (W) 10.1 in / 256 mm (D)
Weight	15 lb / 6.8 kg
AC Power	120 VAC / 60 Hz
Power Consumption	19 watts

 CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	 PRECAUCION RIESGO DE CORRIENTAZO NO ABRIR	 ATTENTION RISQUE D'ELECTROCCUTION NE PAS OUVRIER
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.	PRECAUCION: PARA REDUCIR EL RIESGO DE INCENDIO O DESCARGAS ELECTRICAS, NO PERMITA QUE ESTE APARATO QUEDA EXPUESTO A LA LLUVIA O LA HUMEDAD. PARA MINIMIZAR EL RIESGO DE CORRIENTAZO, NO ABRA LA COBERTA. NO HAY PIEZAS ADENTRO QUE EL USUARIO PUEDA REPARAR. SERVICIO DE 100% MANTENIMIENTO A LOS TECNICOS CALIFICADOS.	ATTENTION: PROTEGEZ CET APPAREL DE LA PLUIE ET DE L'HUMIDITE AFIN D'EVITER TOUT RISQUE D'INCENDIE OU D'ELECTROCCUTION. POUR REDUIRE L'ELECTROCCUTION NE PAS ENLEVER LE COUVERCLE. NE PAS REPARER. NE PAS REPARER PAR L'UTILISATEUR. POUR TOUTE REPARATION, CONSULTEZ A UN TECHNICIEN QUALIFIE.
IMPORTANT SAFETY INSTRUCTIONS		
<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. 		
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 MANUEL D'UTILISATION"

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

This apparatus shall not be exposed to dripping or splashing, and no objects filled with liquids, such as vases, shall be placed on the apparatus.

WARNING

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

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