

CRATE

ST. LOUIS MISSOURI USA

VC-5212T Guitar Amplifier



Owners Manual

Conratulations!

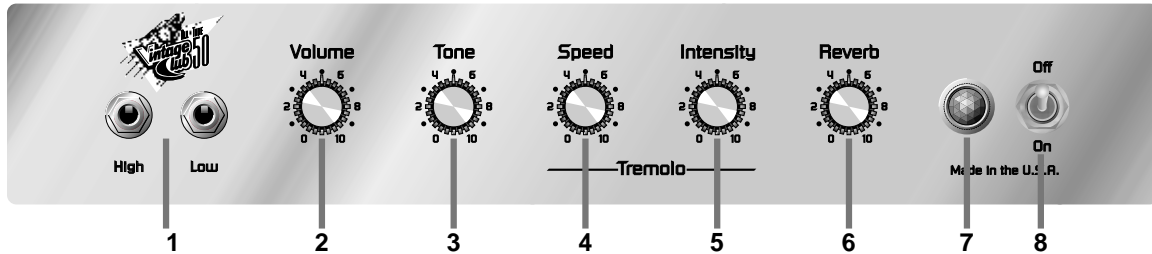
You are now the proud owner of the Crate VC-5212T Guitar Amplifier. This powerful combo packs 50 watts of vintage tube sound into its portable cabinet – giving you an amp that’s easy to carry and simple to operate, but still has incredible sounds and plenty of power!

All Crate amplifiers are Musician Made with Pride in the U.S.A. using the finest components available. Each amp is rigorously tested by skilled technicians and musicians to ensure that your amplifier is the best it can be.

For best results please read this manual before using the amplifier. And Thank You for choosing **CRATE!**

CRATE VC-5212T Guitar Amplifier

The Controls and their Functions:



THE FRONT PANEL:

1. High & Low Inputs accept a standard 1/4" instrument plug from your electric guitar. The high input jack is at 0dB level, for guitars with standard pickups. The low input is padded 6dB to compensate for guitars with "hot" pickups or active electronics.

2. Volume controls the overall output level of the amplifier. At lower volume settings the sound will be clean. As you push the volume higher and crank your guitar the sound becomes distorted.

3. Tone controls the overall tonal character of the amplifier. Rotating the knob clockwise increases the higher frequencies, giving a brighter, more "crisp" sound. Rotating the control counterclockwise reduces the high frequencies, giving a darker, more "muffled" sound. The Tone control offers a cut or boost of 30dB at 4kHz.

4. Tremolo-Speed sets the rate at which the tremolo effect "vibrates." The Tremolo-Intensity control (#5) must be turned up to hear the effects of this knob's setting.

5. Tremolo-Intensity sets the depth of the tremolo effect. For slow, smoother vibrato effects try the Intensity control at around 6 and the Speed control at 1. For the really wild sounds, crank the Intensity up towards 8 (or beyond) and go from there.

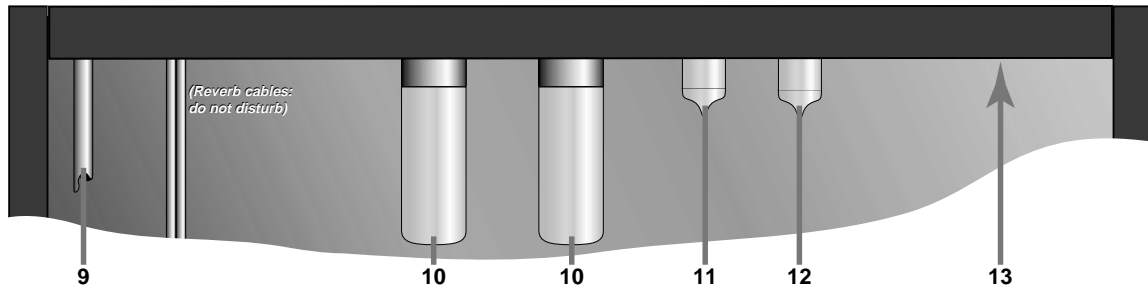
6. Reverb controls the amount of reverberation applied to the signal. With the control at the "0" position there is no reverb applied; as the control is turned towards "10" the amount of reverb increases accordingly.

7. Power light indicates the amplifier is turned on by glowing an iridescent purple color.

8. Power switch is used to turn the amplifier on and off.

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The Controls and their Functions:



THE REAR PANEL:

9. Power cord connects the amplifier to a suitable source of A.C. voltage. This is a grounded, three-wire cord and must be connected to a properly grounded outlet. **DO NOT attempt to defeat the ground connection of the power cord!** If your amp was purchased outside of the United States, see the sticker next to the A.C. connector for its power ratings. Follow the above guidelines.

10. Power Tubes: 6L6GC (2).

11. Power Amp Phase Splitter Tube: 12AX7A / 7025 (1).

12. Preamp Tube: 12AX7A / 7025 (1).

Replace tubes **ONLY** with same types! Refer to the enclosed booklet about Tubes and Tube Amplifiers for additional information.

13: Footswitch Jack is located on the bottom of the amplifier chassis, just past the cabinet's covered back panel. Connect the supplied footswitch here for remote control of the Reverb and Tremolo on/off.









CRATE VC-5212T Guitar Amplifier

Technical Specifications:

OUTPUT POWER RATING	50 Watts RMS @ 5%THD, 8 ohm load, 120 VAC
SIGNAL TO NOISE RATIO	70dB Typical
GAIN	62dB
tone CONTROL	30dB Boost and Cut @ 4kHz
INTERNAL SPEAKER	Two @ 12", 50W, 16 ohm, 1.5" voice coil dia., 34 oz magnet
POWER REQUIREMENTS	120VAC, 60Hz, 110VA 100/115VAC, 50/60Hz, 110VA 230VAC, 50/60Hz, 110VA
SIZE AND WEIGHT	20" H x 27.5" W x 10"D; 40 lbs.

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

 CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	<p>THIS EQUIPMENT HAS BEEN DESIGNED AND ENGINEERED TO PROVIDE SAFE AND RELIABLE OPERATION. IN ORDER TO PROLONG THE LIFE OF THE UNIT AND PREVENT ACCIDENTAL DAMAGES OR INJURY, PLEASE FOLLOW THESE PRECAUTIONARY GUIDELINES:</p> <p>CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT OPEN CHASSIS; DO NOT DEFEAT OR REMOVE THE GROUND PIN OF THE POWER CORD; CONNECT ONLY TO A PROPERLY GROUNDED AC POWER OUTLET.</p> <p>WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.</p> <p>CAUTION: NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.</p> <p>CAUTION: 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.</p>	<p>ESTE APARATO HA SIDO DISEÑADO Y CONSTRUIDO PARA PROVEER AÑOS DE OPERACION SEGURA Y CONFIABLE. PARA PROLONGAR LA VIDA DE ESTA UNIDAD E IMPEDIR DANOS ACCIDENTALES POR FAVOR SIGA ESTAS INSTRUCCIONES PREVENTIVAS:</p> <p>PRECAUCION: PARA DISMINUIR EL RIESGO DE DESCARGAS ELECTRICAS: (1) NO ABRA LA CUBIERTA. (2) NO ES RECOMENDABLE REMOVER O DESACTIVAR LA PATA DEL POLO A TIERRA DEL CABLE DE CORRIENTE. CONECTE CORRECTAMENTE A UNA TOMA DE CORRIENTE A TIERRA.</p> <p>ADVERTENCIA: PARA EVITAR DESCARGAS EL ECTRICAS O PELIGRO DE INCENDIO, NO DEJE ESTE APARATO EXPUESTO A LA LLUVIA O HUMEDAD.</p> <p>PRECAUCION: NO HAY PIEZAS ADENTRO QUE EL USUARIO PUEDE REPARAR. DEJE TODO MANTENIMIENTO A LOS TÉCNICOS CALIFICADOS.</p> <p>PRECAUCION: NUESTROS AMPLIFICADORES PUEDEN PRODUCIR NIVELES DE PRESION DE SONIDO ALTO. EXPOSICION CONTINUADA A LOS NIVELES DE PRESION DE SONIDO ALTO PUEDE CAUSA DANO PERMANENTE A SU OIDO. ES ACONSEJADO QUE USE PRECAUCIONAL USUARIO Y ES RECOMENDADO PROTECCION PARA LOS OIDOS SI LA UNIDAD ES OPERADA A VOLUMEN ALTO.</p>	<p>CET ÉQUIPEMENT AVAIT ÉTÉ INVENTÉ ET ARRANGÉ POUR POURVOIR DES ANNÉES D'USAGE SAUF ET SÛR. POUR PROLONGER LA VIE DE CET APPAREIL ET POUR EMPÊCHER LES DOMMAGES ET LES TORTS ACCIDENTELS, SUIVEZ LES INSTRUCTIONS DE PRÉCAUTION.</p> <p>AVERTISSEMENT: POUR RÉDUIRE LES RISQUES D'ÉLECTROCUTION: (1) N'OUVREZ PAS LE CHÂSSIS. (2) NE PAS ESSAYER DE SUPPRIMER LA BROCHE CORRESPONDANT À LA TERRE.</p> <p>ATTENTION: POUR RÉDUIRE LES RISQUES D'UN FEU OU D'ÉLECTROCUTION, N'EXPOSEZ PAS L'APPAREIL À LA PLUIE OU À LA MOI-TEUR.</p> <p>ATTENTION: IL N'Y A PAS D'ÉLÉMENTS RÉPARABLES DANS L'APPAREIL. CONSULTER UN TECHNICIEN QUALIFIÉ POUR LES RÉPARATIONS.</p> <p>ATTENTION: NOS AMPLIFICATEURS SONT CAPABLES DE LA PRODUCTION DES NIVEAUX DE SON D'UNE HAUTE PRESSION. L'EXPOSITION CONTINUE AUX CES NIVEAUX PEUT CAUSER LA SURDITÉ PERMANENTE. LA PRUDENCE EST ADVISÉ À UTILISATEUR ET LA PROTECTION DES OREILLES EST RECOMMANDÉ SI L'APPAREIL EST UTILISÉ À UN HAUT NIVEAU DE VOLUME.</p>
 PRECAUCION RIESGO DE CORRIENTAZO NO ABRA			
 ATTENTION RISQUE D'ELECTROCUTION NE PAS OUVRIIR			
 VORSICHT ELEKTRISCHE SCHLAGEFAHR NICHT OFFENEN			
<p>EXPLANATION OF GRAPHICAL SYMBOLS: EXPLICACION DE SIMBOLOS GRAFICOS: EXPLICATION DES SYMBOLES GRAPHIQUES:</p>	<p> = "DANGEROUS VOLTAGE" "VOLTAJE PELIGROSO" "DANGER HAUTE TENSION" "GEFAHRICHE SPANNUNG"</p>	<p> = "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" "UNBEDINGT IN DER BETRIEBUNGSANLEITUNG NACHSCHLAGEN"</p>	



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