



"Guitar speaker cabinets handmade by a guitarist not a machine."

ST-4 Manual

Congratulations! You have acquired perhaps the finest guitar speaker cabinet available today. Each KW brand speaker cabinet is handmade to the highest of exacting standards. Only the highest quality wood and materials are used in its construction. This short informative manual will demonstrate how to get the most out of your new cabinet as well as how to care for it.

A speaker cabinet by design is a fairly simple product. However, your KW Cab does have many features that are not usually found on just one cabinet. There are four main sections to discuss. Firstly and most importantly is the ELECTRONICS. Before we discuss the connections please be aware that you should only use specific high quality ¼" speaker cable connections. The use of instrument level cables can damage your cabinet and equipment. Also always connect your speaker cabinet before turning on your amplifiers power, failure to do so will damage your amp. There are four ¼" jacks on the rear panel. They must be used

correctly. The first is a 16-ohm series wired mono jack, this should be used when connecting to the 16-ohm output jack of your amp. The second and third are 8-ohm stereo jacks. These must be used together for stereo. Usually these will be used when connecting to a multi-amp or two-channel power amp connected to a multi-effects system, and can provide a wonderful spacious stereo image. If you'd like to use 1 speaker you can use the L 8-ohm mono jack, however the Right speaker stereo jack can also be used as a 4-ohm parallel mono jack by itself powering both speakers. Connect this only to a 4-ohm jack from your power amp. The final jack is used for connecting another speaker cabinet in parallel with the first. To use this you can only use the 16-ohm mono jack. Connect the first 16-ohm jack to the 8-ohm output of your amplifier then connect the EXTension output of the first cabinet to the 16-ohm mono input of the second cabinet. This will in effect let you run two cabinets as one. You will notice that the wire inside the cabinet is very high gauge. It is very high quality Audioquest® brand cable, an extra

high quality touch that no other manufactures add.

The second added feature of your KW 4x12 is the flexible removable back. This partially removable back allows you to have the feel and sound of an open back cabinet which is generally more “airy” sounding and often more articulate. The screws that retain the back accept Phillips head style screwdrivers. When using the cabinet as an open back place the back in a safe location. When reattaching the back take care not to over tighten the screws.

The third feature is the removable front grill. KW Cabinets use a special light grade cloth grill that is not only highly decorative but also especially thin, which allows better sound flow and less absorption. However, being this grill cloth is light grade it is less durable, and care need be taken, especially when removing the grill. The grill is attached via Velcro tabs on its back. It should only be removed if changing the speakers or if the speaker retaining screws need

to be retightened. To remove the grill use a thin preferably blunt object and insert it around the side of the grill carefully prying it forward.

The last item of discussion is sound quality. Each cabinet is carefully tested and played before it is ready for sale. One of the greatest features of these powerful 4x12 cabinets is their incredibly large sound. This added dimension and deep bass response may require you to retune your amplifier or effects equipment settings. Lesser cabinets force you to turn up bass settings in order to get the response you need, very high bass settings may be undesirable or cause resonance issues when using a highly bass responsive cabinet such as these. Taking some time to dial in your new settings will surely result in a superior sound.

Care and maintenance is very important to the life of your cabinet. A high quality lacquer finish is applied to each cabinet and does not need a large amount of care. An occasional polishing with a soft wax such as paste wax or

bee's wax will result in a long life finish. Paste wax is available at your local home center, and you should simply follow the on can instructions. Avoid placing any water or alcohol on your cabinet as it may result in finish damage. Treat it as you would a fine guitar and you should have no problems. Do not place cups or bottles on the cabinet either. It is possible that small indentations or finish imperfections may occur from normal use and from having an amplifier on top of the cabinet. Also occasionally the finish may appear cracked or separated from at the various seams on the cabinet. This is completely normal and should not spread. It is simply a result of the natural expansion properties of wood and changing moisture climates. Obviously since this is a fine wood product it is much more subject to wear than a normal cabinet. Take care when handling it as impact will easily damage the finish and wood. Purchasing a good quality cover can certainly help.

Your new KW Cabinet is a fine piece of craftsmanship that cared for should deliver years of quality sound.



1 YEAR LIMITED WARRANTY

KW Cabs warrants this speaker cabinet to be free from any workmanship defects for a period of 1 year from the date of purchase when purchased from an authorized KWCABS dealer. This warranty does not cover normal wear and tear that is associated with the use or design of this product beyond its intended purpose and design. This warranty is non-transferable.

Except to the extent precluded by state law, KWCABS specifically excludes from this warranty any responsibility for consequential or special damages.

Speakers are not covered under the warranty. While KWCABS makes every effort possible to make a superior wood product, normal wear and tear associated with wood products due to the materials inherent characteristics are not covered. These include damage from impact, damage from moisture and humidity related concerns, as well as any other environmental issue that is beyond the manufacturer's ability.

This warranty does not include any item that has been modified or repaired by an unauthorized person. All claims must be made first through dealer or if purchased directly then claims can be made directly to KWCABS. All cabinets must have their original serial number and logo in place and unaltered. Owner is to pay shipping charges for repair returns.

KWCABS makes no other warranties written or implied with respect to its product, service, or design for other than covered in the duration of this warranty. This warranty affords you specific legal rights, which vary from state to state.

SERIAL NUMBER _____ Date of Sale _____