



PS-1 DC REGULATED POWER SUPPLY OWNERS MANUAL CB-4 HEADPHONE CUE SYSTEM OWNER'S MANUAL

Congratulations! You are now the proud owner of the finest headphone cue box available. The CB-4 headphone cue system was designed to give the best possible performance. To get the full use out of your new CB-4, please take the time to read the following instructions. Thanks again for choosing Simon Systems - Simply The Best!®

The Simon Systems CB-4 Headphone Cue Box (manufactured by Simon-Kaloi Engineering, Ltd.), will allow up to four pairs of stereo headphones to be driven from the same amplifier. The CB-4 uses 1/4" stereo phone jack headphone outputs, while the CB-4X gives the option of 1/4" stereo jacks or XLR headphone outputs. The CB-4 is designed to operate with most modern recording studio headphones. Either one of the stereo XLR "Input/Output" connectors, which are internally connected in parallel, can be used to connect the CB-4 to the amplifier or feed line. The remaining connector can serve as the connection to additional cue boxes. This allows several cue boxes to be connected to the same amplifier, each with four adjustable outputs. The level to each output is individually controlled by a high-quality, conductive plastic, audio-tapered power potentiometer. To obtain the best sonic performance and avoid sending a clipped signal to the cue box, begin use by turning all of the level controls to "max." The overall send level is now controlled by the mixing console and should be adjusted so that there is ample volume to the headphones (be careful not to overdrive them). Now if any pair of headphones has too much volume, turn down the appropriate level control on the CB-4. You can send a stereo mix to the headphones, or select between left or right channel, by moving the three-position switch to the corresponding setting.

SPECIFICATIONS

XLR Connections:	pin 1 = gnd, pin 2 = left, pin 3 = right
Recommended Headphone Impedance:	200 Ω to ∞
Maximum No Load Input Voltage:	40 Volts
Maximum Potentiometer Current:	30 mA per potentiometer
Recommended Driving Amp:	Power rating of 50 to 200 Watts per channel Continuous average power into 8 Ω .
Dimensions and Weight:	8.5" L, 4.0" W, 2.5" D. 2.6lbs.

IMPORTANT

Always be aware that when headphones are connected, it is possible to overdrive them. This can sometimes be the case when the headphone cue system is active during mixdown, but no one is wearing headphones to realize that they are being overdriven. Try to remember to bring down the cue send level when it is not in use. It is important to limit the amplifier or mixing console control potentiometer settings so that maximum ratings on the headphones and the CB-4 are never exceeded. As with all Simon Systems Products, care and quality were taken in designing the CB-4 to give you the best performance for your dollar. Enjoy!

WARRANTY

Simon-Kaloi Engineering, Ltd ("SKE"), warrants this product to be free from defects for a period of one year from the date of purchase. If this product is defective under warranty, it must be returned to SKE or authorized service representative with proof of purchase (shipping costs for service are not covered by the warranty). This warranty is in lieu of all other warranties, expressed or implied, including, but not limited to, the implied warranties of merchantability or fitness for particular purpose, which are hereby expressly disclaimed. Warranty service must be performed by SKE or SKE authorized service representative. Unauthorized service invalidates the warranty.

LIMITATION OF LIABILITY

SKE shall not be liable for any damage due to accident, abuse, misuse, normal wear and tear, or exceeding manufacturers specifications. The only remedy for breach of warranty is repair or replacement at the sole discretion of SKE. SKE shall not be liable for any incidental or consequential damages for breach of any expressed or implied warranty. SKE shall not be liable for any damage, whether arising in tort, contract or otherwise, for any amount in excess of the dealer cost of the product. Any claims for breach of warranty or contract must be brought within one year of acceptance of the product. Notice of such claims must be received by SKE within 60 days after acceptance of the product.