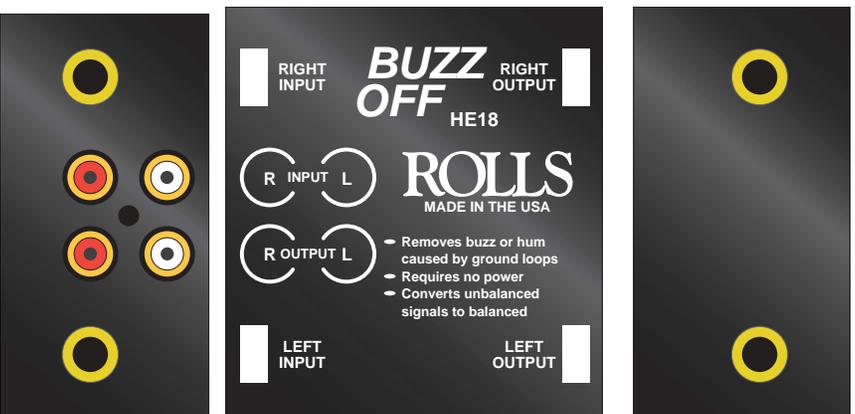


ROLLS

HE18 Buzz Off



LIMITED WARRANTY

This product is warranted to the original consumer purchaser to be free from defects in materials and workmanship under normal installation, use and service for a period of one (1) year from the date of purchase as shown on the purchaser's receipt.

The obligation of Rolls Corporation under this warranty shall be limited to repair or replacement (at our option), during the warranty period of any part which proves defective in material or workmanship under normal installation, use and service, provided the product is returned to Rolls Corporation, TRANSPORTATION CHARGES PREPAID. Products returned to us or to an authorized Service Center must be accompanied by a copy of the purchase receipt. In the absence of such purchase receipt, the warranty period shall be one (1) year from the date of manufacture.

This warranty shall be invalid if the product is damaged as a result of defacement, misuse, abuse, neglect, accident, destruction or alteration of the serial number, improper electrical voltages or currents, repair, alteration or maintenance by any person or party other than our own service facility or an authorized Service Center, or any use violative of instructions furnished by us.

This one-year warranty is in lieu of all expressed warranties, obligations or liabilities. ANY IMPLIED WARRANTIES, OBLIGATIONS, OR LIABILITIES, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED IN DURATION TO THE ONE YEAR DURATION OF THIS WRITTEN LIMITED WARRANTY. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

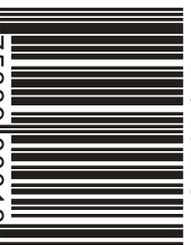
IN NO EVENT SHALL WE BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY. EXPRESSED OR IMPLIED. WHATSOEVER. Some states do not allow the exclusion or limitation of special, incidental or consequential damages so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

HE18 Buzz Off

The HE18 helps remove hum and buzz from a balanced or unbalanced line. Perfect for musicians or audio professionals, the unit is safe and convenient to operate. Simply connect the offending line into the input, and connect the output to your next device.

- ! Helps eliminate ground hum and buzz
- ! Dual channel
- ! No power required - completely passive
- ! Converts balanced to unbalanced lines and vice versa

HE18 Buzz Off



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Rolls Corporation
Salt Lake City, UT
10/04



INTRODUCTION

Thank you for your purchase of the HE18 Buzz Off. If you've got hum or buzz in your audio signal, the HE18 is the solution you need.

Almost all AC hum is caused by ground loops. These ground loops act like radio antennae, picking up hum and noise. The HE18 removes many causes of noise by eliminating the ground potential.

INSPECTION

1. Unpack and Inspect the HE18 package

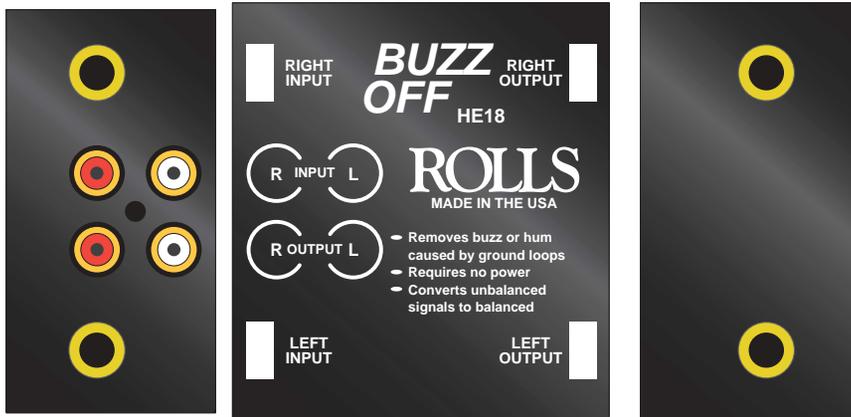
Your HE18 was carefully packed at the factory in a protective carton. Nonetheless, be sure to examine the unit and the carton for any signs of damage that may have occurred during shipping. If obvious physical damage is noticed, contact the carrier immediately to make a damage claim. We suggest saving the shipping carton and packing materials for safely transporting the unit in the future.

2. Please visit our website at www.rolls.com, click on the Register Your Warranty Here text and follow the instructions to register your HE18. Or complete the Warranty Registration Card and return it to the factory.

DESCRIPTION

INPUT(S): 2 ea; 1/4" Tip-Ring-Sleeve jacks
2 ea; RCA jacks

OUTPUT(S): 2 ea; 1/4" Tip-Ring-Sleeve jacks
2 ea; RCA jacks



OPERATION

To insert the HE18 in a system with a buzz or hum, disconnect the device you suspect is causing the noise. Connect that device's Output to either of the Inputs (1/4" or RCA), and connect the HE18 Output(s) to the next device in the signal chain.

For example; if you've got a buzz in your video system, connect the HE18 between the video unit and amplifier to isolate the signals.

PLEASE NOTE: THE HE18 IS INTENDED TO RECEIVE LINE LEVEL (0db to +4 dB) SIGNALS. DO NOT CONNECT A MICROPHONE LEVEL SIGNAL OR A SPEAKER (POWERED) LEVEL SIGNAL TO THIS UNIT. **CONNECTING A SPEAKER LEVEL SIGNAL (ie. THE OUTPUT OF A POWER AMPLIFIER) WILL CAUSE PERMANENT DAMAGE TO THE HE18.**

SPECIFICATIONS

Max Out:	Bal: +18 dB Unbal: +12 dB
Max In:	Bal: +22 dB Unbal: +22 dB
Input Impedance:	RCA: 10 k Ohm 1/4": 10 k Ohm balanced
Output Impedance:	RCA: 10 k Ohm 1/4": 10 k Ohm balanced
THD:	.05% @ 1 kHz
Weight:	1 lbs. (.45 Kg)
Size:	4.15" x 2.46" x 1.55"

SCHEMATIC

