

B&K Components, Ltd.

BOA Adapter

Passive CAT-5 to RCA Buffered Output Adapter

Analog Audio/Composite Video Conversion Dongle

User Manual

User Manual - BOA Adapter© 2007 B&K Components Ltd. All rights reserved.

The information in this manual is copyright protected. No part of this manual may be copied or reproduced in any form without prior written consent from B&K Components, Ltd. B&K Components Ltd. SHALL NOT BE LIABLE FOR OPERATIONAL, TECHNICAL OR EDITORIAL ERRORS/OMISSIONS MADE IN THIS MANUAL. The information in this manual is subject to change without prior notice.

Limited Warranty

B&K Components Ltd., referred to herein as B&K, warrants your B&K equipment against all defects in material and workmanship for a period of five years from the date of purchase. This warranty applies only to the original purchaser and only to equipment in normal residential use and service. Defective equipment must be returned to B&K, prepaid, accompanied by proof of purchase and sufficient payment to cover the cost of return shipping and handling, and will be repaired or replaced at the discretion of B&K whose decision as to the method of repair will be final.

This warranty shall not apply to any equipment which is found to have been improperly installed, incorrectly fused, misused, abused, or subjected to harmful elements, used in any way not in accordance with instructions supplied with the unit, or to have been modified, repaired or altered in any way without the expressed, written consent of B&K. This warranty does not apply to the cabinet or appearance items such as the faceplate or control buttons, nor does it cover any expenses incurred in shipping the unit to and from the manufacturer's service department.

This warranty on B&K Components, Ltd. products is NOT VALID if the products have been purchased from an unauthorized dealer or an E-tailer or if the original factory serial number has been removed, defaced or replaced in any way. B&K Components, Ltd. sells its products through authorized dealers in order to ensure that consumers obtain proper dealer service and support. Buying from an authorized B&K Components, Ltd. dealer insures that you have a FACTORY WARRANTY on your B&K Components, Ltd. product. If you have any questions concerning your Factory Warranty call B&K Components, Ltd. at 716-656-0026.

THE EXPRESS FACTORY WARRANTY HEREIN CONTAINED IS IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY, UPGRADEABILITY OR OF FITNESS FOR ANY PARTICULAR PURPOSE. B&K COMPONENTS, LTD. SHALL NOT UNDER ANY CIRCUMSTANCES BE LIABLE FOR DAMAGES, INCLUDING SPECIAL, INCIDENTAL, EXEMPLARY, PUNITIVE OR CONSEQUENTIAL DAMAGES ARISING OUT OF OR IN CONNECTION WITH THE PURCHASE, USE OR PERFORMANCE OF ANY B&K PRODUCT.

This warranty gives you specific legal rights. You may also have other rights which vary from State to State. Some States do not allow the exclusion or limitation of incidental or consequential damages and the foregoing exclusions may not apply to you. No agent, representative, dealer or employee of B&K has the authority to increase or alter the obligations or terms of this warranty.

Returning Equipment

No equipment may be returned to B&K Components Ltd. without a RETURN AUTHORIZATION (RA). Should you find it necessary to return equipment to B&K, for any reason, a RETURN AUTHORIZATION (RA) number must be issued by B&K in respect to the equipment being returned. You may request an RA number by calling B&K at the numbers below. We will need the following information to issue your RA number. Please have it ready before you call.

1. Your name, address, and phone number.
2. The model and serial number of the equipment being returned.
3. A description of the problem being experienced.
4. Your sales receipt.

Your call will be referred to a Technical Service Representative who will work with you to resolve the problem. If it is determined that the unit must be returned for repair, an RA number will be issued.

SIMPLY BETTER! is a registered trademark of B&K Components, Ltd.

14199 051607



SIMPLY BETTER!

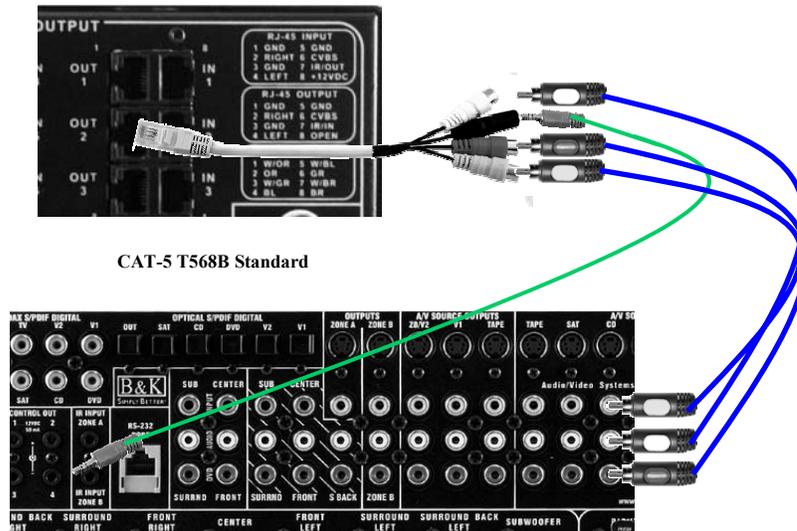
The BOA cable is a passive, bi-directional connection for use with the CT 600.3/600.1/300.3 series to convert the RJ45 buffered output to standard RCA / 3.5mm outputs to send a standard composite video and analog audio signal as well as infrared commands over a short distance.

1. **RJ45** - RJ45 CAT-5 input. The conversion cable uses this input as the source of audio, video and infrared commands that are to be converted back to RCA.
3. **IR Input**—IR Inputs to control source from other audio/video equipment. Only one source emitter is needed from the CT to the source because of the IR routing through the AV40.
4. **Gold Plated RCA Output**- RCA outputs to connect using other audio/video equipment. Gold connectors promote minimum signal loss and degradation.



Connection to a Home Theater Unit

Shown is buffered output 2 on a CT unit to the RJ45 connection on the cable. The BOA cable then converts the signal to RCA to go into a Ref 50 S2. The same type of connectivity can be used in other audio / video equipment. Also shown is the Control Out (set to IR output on the Ref 50 S2) minijack connected to the minijack IR input on BOA cable. The IR signal is passed through the BOA cable and is sent to the CT Receiver to the flasher outputs. Then only one source emitter is needed to the face of the source piece.



CAT-5 T568B Standard

The BOA adapter is a passive device and does not need to be powered.

Made in the U.S.A.

Please call or visit us online at: www.bkcomp.com

B & K Components, Ltd., 2100 Old Union Road, Buffalo, New York 14227
 800.543.5252 NY: 716.656.0026 Fax: 716.656.1291