

LIMITED WARRANTY

ARC AUDIO warrants all new products against defects in material and workmanship for a period of ONE (1) YEAR from the original date of purchase from an AUTHORIZED ARC AUDIO RETAILER.

This warranty is not transferable and applies only to the original retail purchaser of the product from an authorized ARC AUDIO retailer. Upon inspection by ARC AUDIO should services be necessary under this warranty for any reason due to manufacture defects ARC AUDIO will, at its sole discretion, repair or replace the defective product with new or similar conditioned product at no charge.

THIS WARRANTY DOES NOT COVER INSTALLATION OR DAMAGE RESULTING FROM ACCIDENT, MISUSE, ABUSE, IMPROPER WIRING, OPERATION OUTSIDE OF UNIT OUTSIDE OF MANUFACTURES SPECIFICATIONS, OR AGAINST INSTRUCTIONS IN OWNERS MANUAL. IN ADDITION ANY PRODUCT THAT HAS BEN OPENED, TEMPERED WITH OR MODIFIED, OR IF ANY SERIAL NUMBERS HAVE BEEN REMOVED OR ALTERED WILL NOT BE COVERED BY ANY PART OF THE MANUFACTURES WARRANTY.

All warranty returns should be sent to ARC AUDIO freight prepaid and must be accompanied by proof of purchase (a copy of the original sales receipt). Direct returns from consumers or non-authorized retailers will be refused unless specifically authorized by ARC AUDIO with a valid return authorization number.

All warranty returns must be packed in original packaging and be accompanied by a copy of the original printed sales receipt. Product damaged in shipment due to improper packaging will not be covered under this warranty and the customer or retailer will be charged full cost to repair the specific piece of product back to a like new or similar condition.

In no event will ARC AUDIO be liable for incidental, consequential, or other damages resulting from the use of this product; this includes but is not limited to, damage of hearing, property or person, damage based upon inconvenience or on loss of use of the product, and to the extent permitted by law, damages for personal injury. This warranty gives you specific legal rights, and you may have other rights, which vary from state to state. This warranty applies to products sold and used in the United States of America. In all other countries please contact your distributor.

For Warranty and Non-Warranty Repairs, send to-

Arc Audio
4719 Green Leaf Circle #4
Modesto, CA 95356



ARC AUDIO

ALD

Advanced Line Driver

MANUAL AND USER GUIDE



ALD

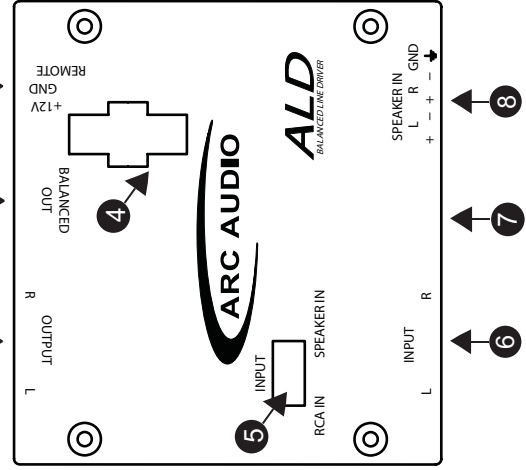
- Selectable Hi-Level/RCA Input
- RJ45 Balanced Line Output
- 10 Volts RMS Output RCA/Balanced
- Gold Plated RCA Connectors
- Input Clip Indicator for Easy Gain Setting
- Balanced Differential Speaker Level input

Installation Information

1. The ALD needs to be installed in the signal path between your source unit and your external amplifier(s).
2. Make sure the ALD is kept clean, cool and dry. Do not mount it in any location where it can be affected by moisture or covered with stuff that always seems to collect in our cars.
3. Hook up +12 volt power, ground, and remote turn-on. Make sure the ground is perfectly clean and tight. Remove all the paint and under coat before you screw it down. Don't trust the stock ground. Make a new one.
4. Connect the output of you head unit to the input of the ALD. If Hooking up to the Hi-Level Inputs please see diagram on next page
5. First set your source volume to about 75% then Adjust the "Input Level" control on your ALD to match the source unit's output. Look at the clip light on the side of the ALD. It should not be on! It may flash occasionally.
6. If using the RJ45 Balanced level output (SE amplifiers only) Please note that the ALD only supports 2 channels of input. If you are using a SE4100 or SE4200 you will be required to run dual ALD's (See Diagram for wiring)
7. Enjoy the results

Connections and Controls

1. RCA Output (2 Channel)
2. Balanced Out (RJ45)
3. Power Connector
4. Fuse
5. Input Selection Switch
6. RCA
7. Input Gain
8. Balanced Hi Levels

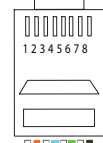
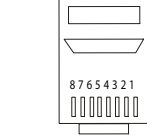
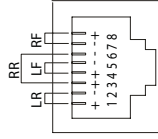


Balanced Output

- Pin 1 - Rear Left +
 Pin 2 - Rear Left -
 Pin 3 - Rear Right +
 Pin 4 - Rear Right -
 Pin 5 - Front Left +
 Pin 6 - Front Left -
 Pin 7 - Front Right +
 Pin 8 - Front Right -

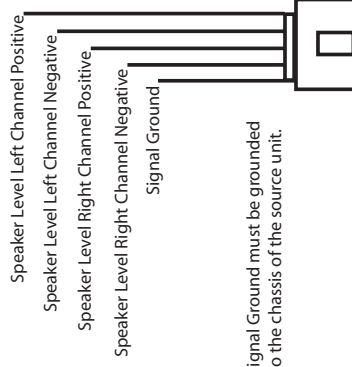
SE Balanced Cable

Balanced Cable is a Standard Category 5 Patch Cable E/TTI 568B color Scheme



Hi-Level Balanced Input

(Speaker Level Input)



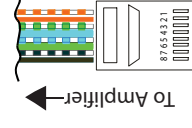
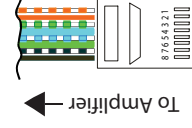
Dedicated 4 channel configuration

(For SE4100 and SE4200 Applications)

(To Amplifier)

Channels 1+2 -
 Connect Leads 4,5,7,8
 From RJ45 at ALD #1
 to same leads on RJ45
 at Amplifier.

Channels 3+4 -
 Connect Leads 1,2,3,6
 From RJ45 at ALD #2
 to same leads on RJ45
 at Amplifier.



Frequency Response	20hz-20kHz
THD(RCA)	.002 @ 1 watt
THD(Balanced)	.0007 @ 1 watt
S/N Ratio	98dB (Min)
Fuse	118dB (Max)
Input	1 amp
	6v max

ALD #1

ALD #2