

AD-14 Screen Extender for DL-20



CAUTION: ALWAYS MAKE SURE UNIT IS FULLY CONNECTED **BEFORE APPLYING POWER, AND REMOVE POWER **BEFORE** REMOVING ANY CONNECTORS. FAILURE TO DO SO CAN POTENTIALLY RESULT IN DAMAGE TO THE UNIT WHICH IS A NON-WARRANTY REPAIR.**



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INTRODUCTION

The AD-14 is an Extension Display for the DL-20 Line. The AD-14 reproduces the exact display from the connected DL-20 unit. **Only one AD-14 can be connected to a specific DL-20 unit.**

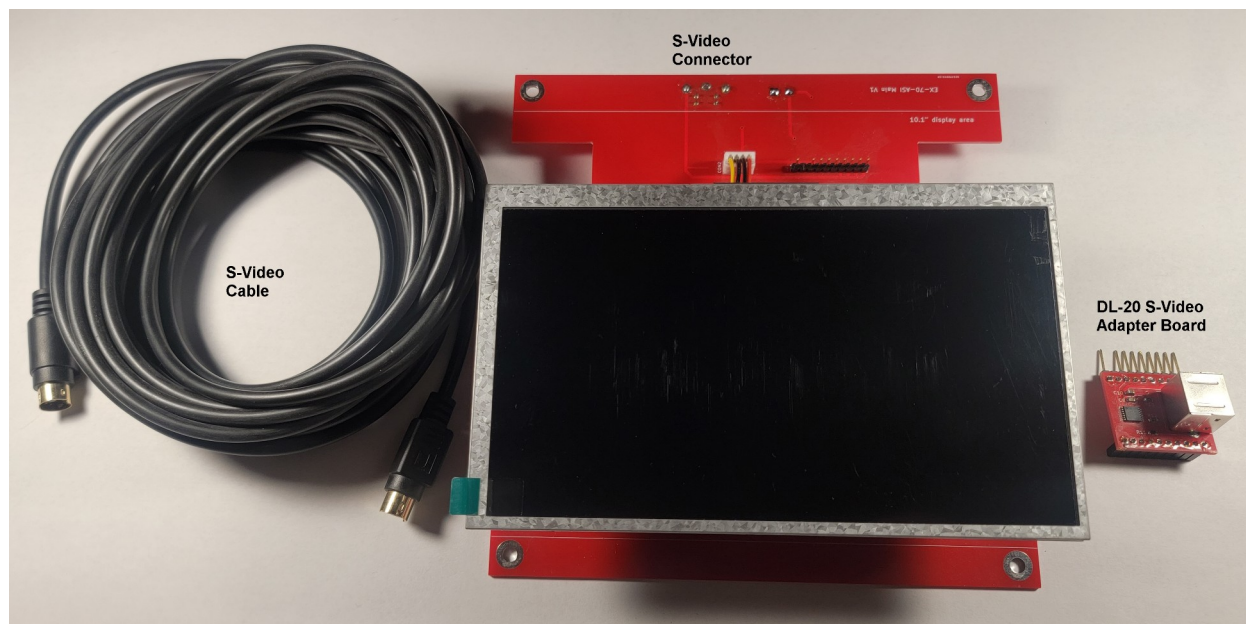
IMPORTANT SAFEGUARDS

READ AND FOLLOW ALL SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS

- Do not use outdoors.
- Do not let power supply cords touch hot surfaces.
- Do not mount near gas or electric heaters.
- Equipment should be mounted in locations and at heights where it will not readily be subjected to tampering by unauthorized personnel.
- The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
- Do not use this equipment for other than intended use.

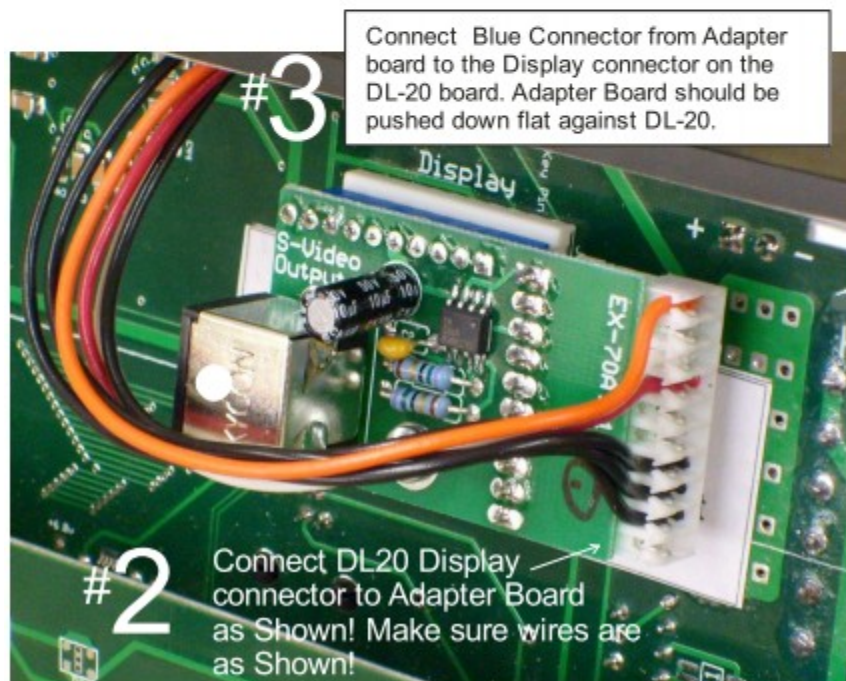
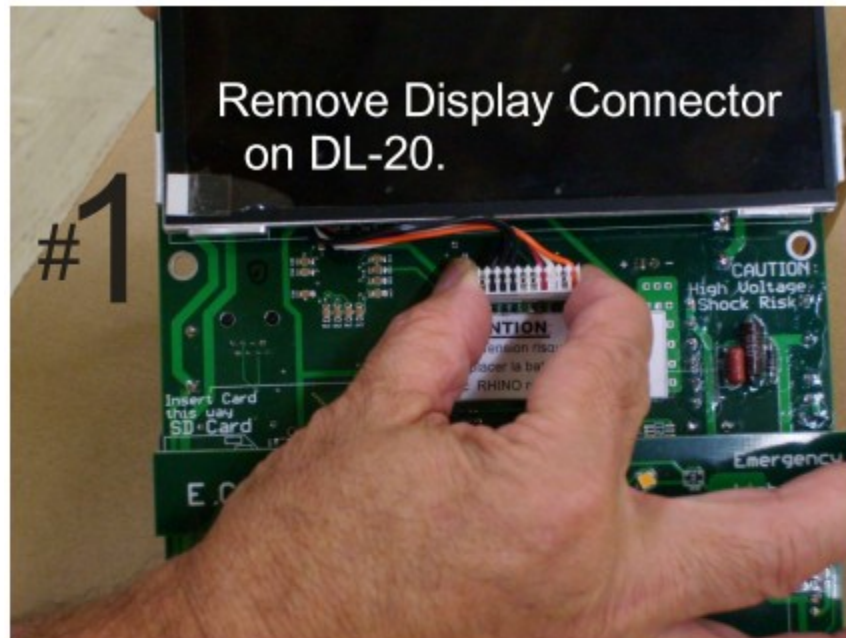
AD-14 AUXILIARY DISPLAY FOR DL-20 LINE

The DL-20 Firmware version **MUST** be V2.06 or higher, or the AD-14 will NOT blank when the DL-20 display goes in Screen Saver mode. The AD-14-7 is a 7" display unit, and the AD-14-10 is a 10" display version. When connected to a DL-20, the AD-14 supplies an exact duplicate of what is displayed on the DL-20s display.



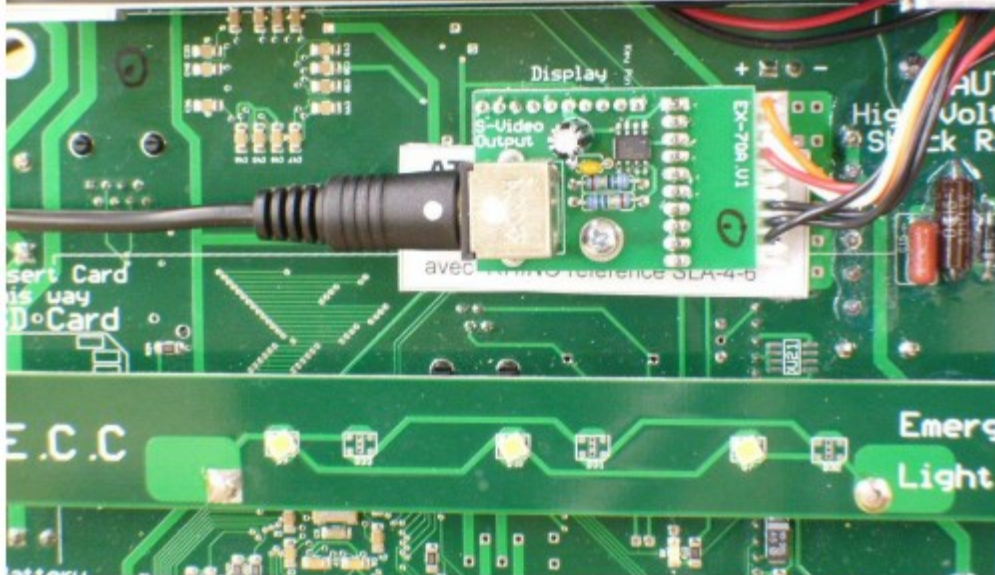
AD-14 INSTALLATION

Make sure that the AD-14 that you are connecting this unit to, has a firmware version of 2.08 or higher. If NOT, update the AD-14 first. All low resolution DL-20 units have the connection in the same format with the **S-Video connector to the LEFT**. **NOTE: Make sure power is OFF when connecting and make sure the Adapter Board is on all 10 pins of the DL-20 board video connector.**



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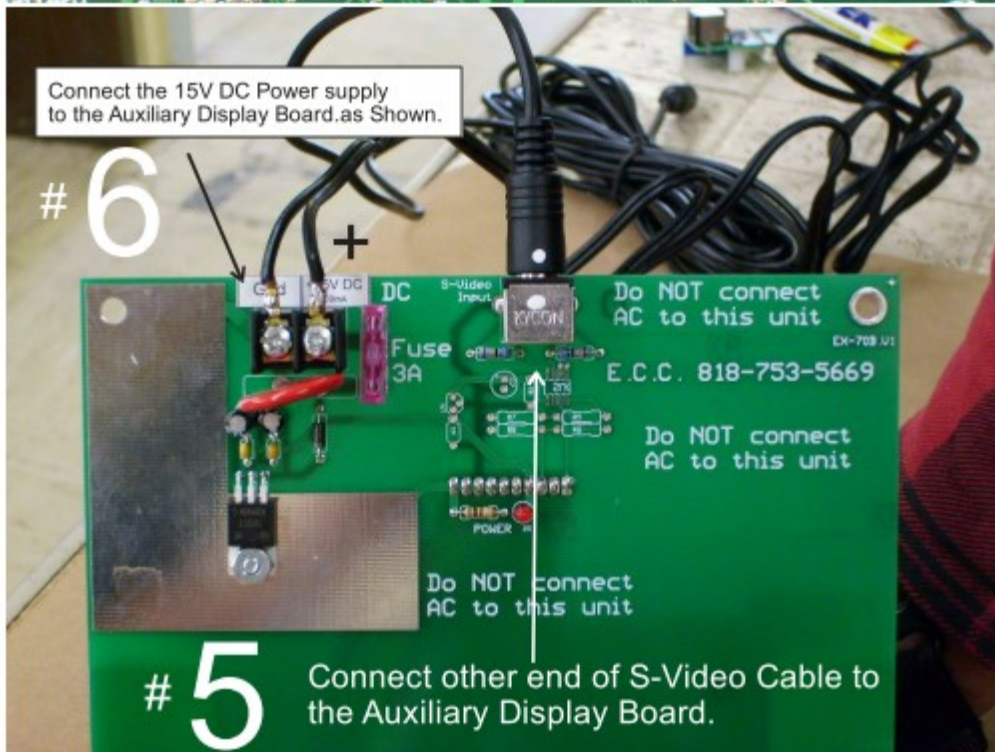
Connect one end of S-Video Cable to the Adapter Board on DL-20.



Connect the 15V DC Power supply to the Auxiliary Display Board as Shown.

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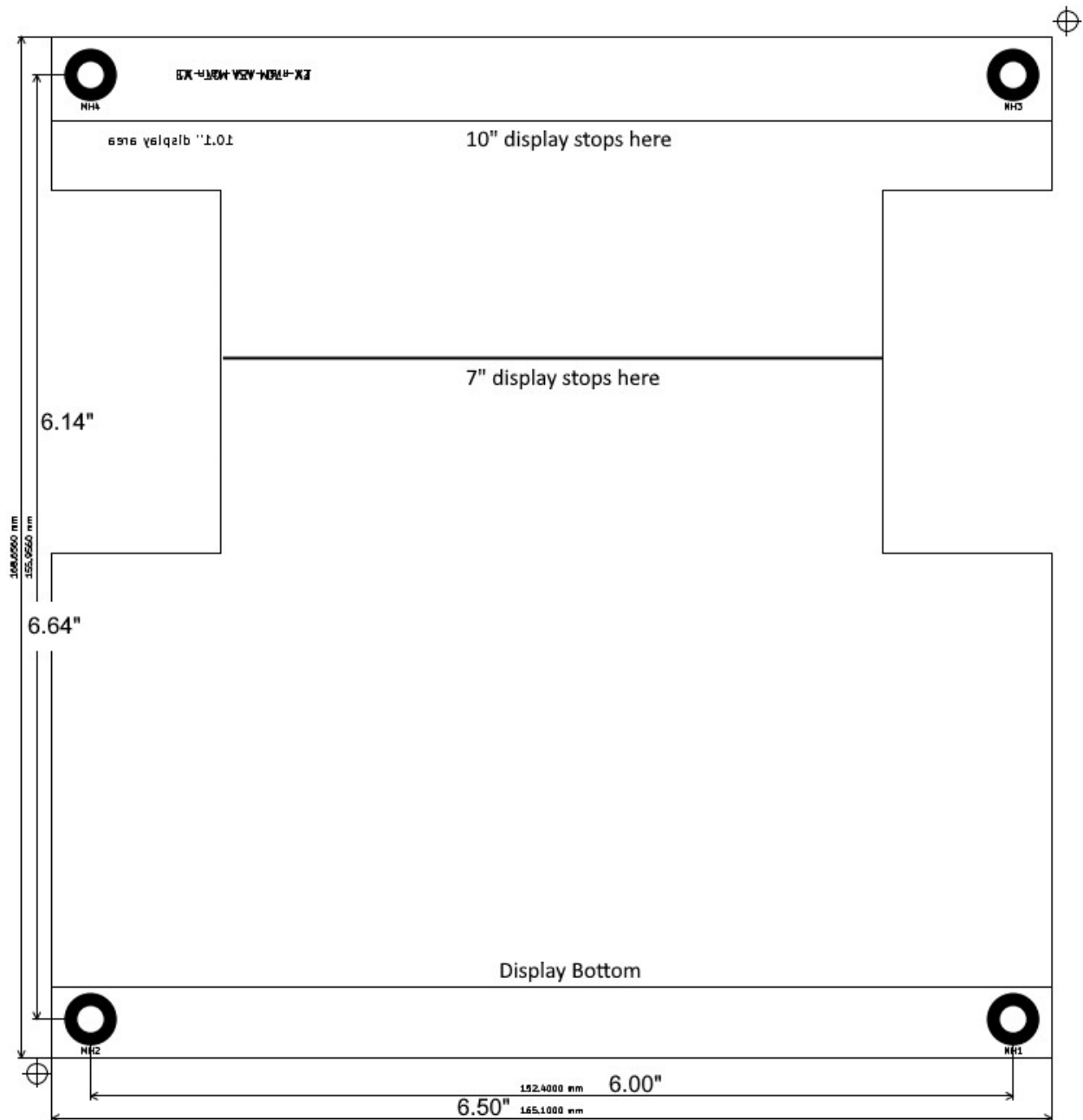
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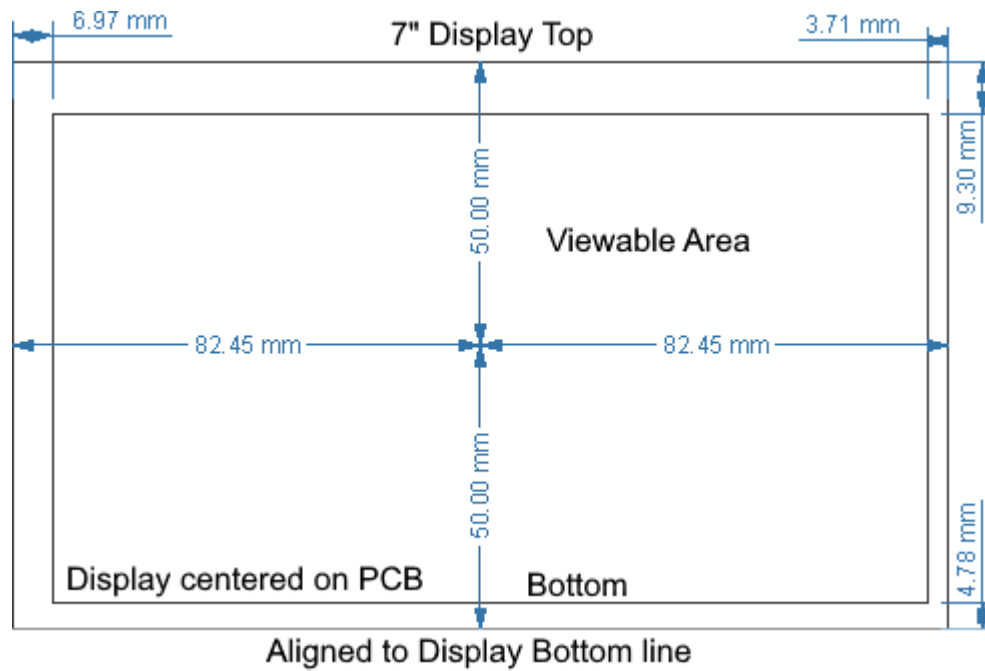
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Connect other end of S-Video Cable to the Auxiliary Display Board.

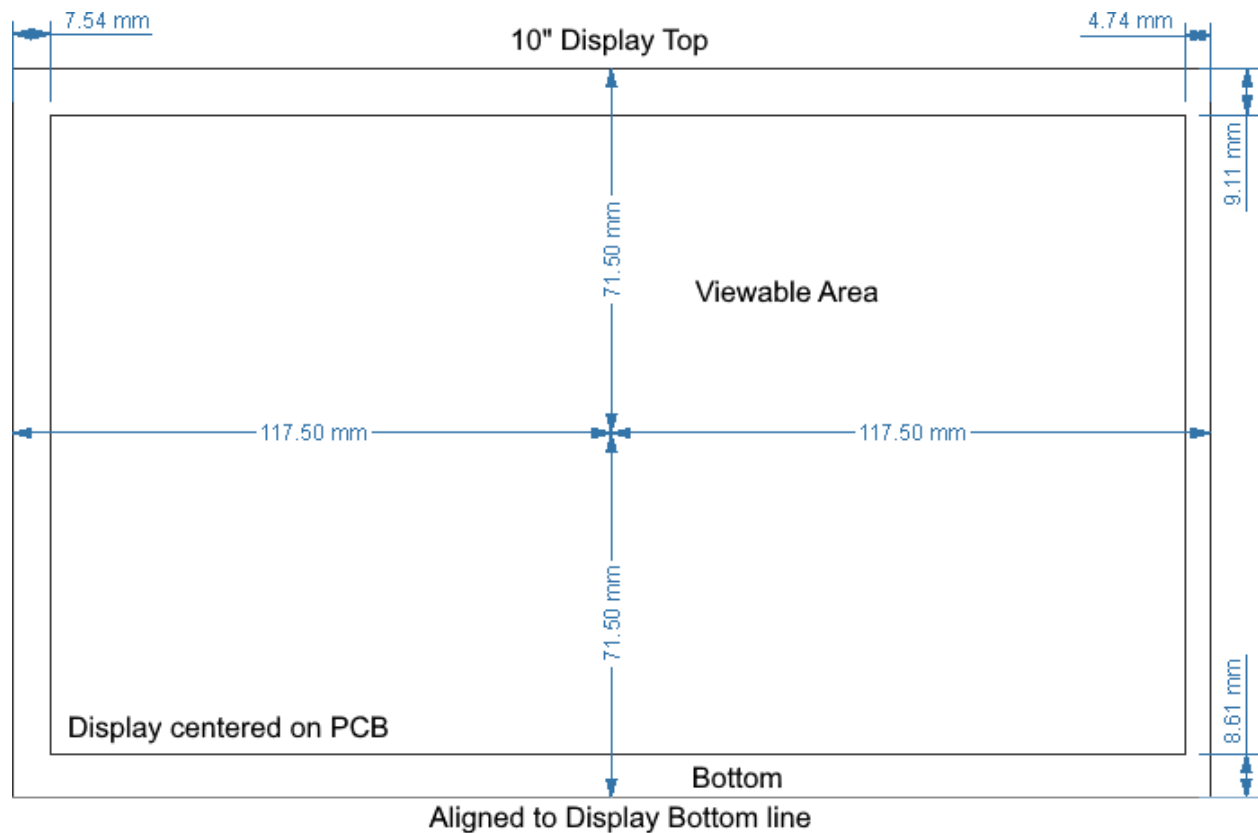
AD-14 MOUNTING



7" DISPLAY MEASUREMENTS



10" DISPLAY MEASUREMENTS





POWER REQUIREMENTS

POWER SPECIFICATIONS:

- Input Voltage= Regulated, 12 to 15V DC
- Max Current Draw = 500mA @ 12V DC (6 Watts)
- Power Connector = Screw Terminals
- Supplied with 12V DC @ 1A, Regulated Power Supply with UL Listing and Class IV Power Efficiency Rating

CUSTOMER SUPPORT

All operation or technical questions should be directed to the Customer Support Center at **(818) 753-5669**, between 8:00 a.m. and 5:00 p.m. Pacific time. **Before calling the Customer Support Center**, we request that you have your AD-14 PCB serial number and site serial number, along with the Firmware version.

1. If trouble is experienced with the AD-14, for repairs or warranty information, please contact E.C.C., located at: **16521 SATICOY ST, Van Nuys, CA 91406, (818) 753-5669 in the U.S.A.** If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.
2. No repairs to the AD-14 should be made by the customer (user). All repairs **MUST** be made by the manufacturer or authorized repair facility. Call E.C.C. for repair information at **(818) 753-5669**.

LIMITED ONE YEAR PARTS & LABOR WARRANTY

This E.C.C. PRODUCT is warranted against defects for a period of one (1) year from the date of the original invoice. Within this period, we will repair it without charge for parts and labor. To obtain warranty service the product must be returned, at the customer's expense, to E.C.C. along with a copy of the original invoice. After the unit has been repaired, E.C.C. will ship the PRODUCT back via UPS GROUND service at our expense. If any other form of return shipment is requested, the customer will pay for 100% of the shipping cost.

This Warranty does not apply if in the sole opinion of E.C.C., the PRODUCT has been damaged by lightning, or any other Acts of God, or by accident, misuse, neglect, improper location (high dust or tobacco smoke prone areas), improper packing, shipping, modification, or servicing by other than an authorized E.C.C. Service Center.

Except as specifically provided in this agreement, there are no other warranties, expressed or implied, including, but not limited to, any implied warranties or merchant-abilities or fitness for a particular purpose and in no event shall E.C.C be liable for loss of profits or benefits, indirect, special, consequential, or other similar damages arising out of any breach of this warranty or otherwise.