

Transformer - 1000VA

Converts 120V or 240VAC to Low Voltage AC/DC Outlets - 4 Twist Lock Outlets

Instruction Manual

Do not attempt operation until you are familiar with all warnings, precautions, and procedures outlined within this instruction sheet. Read carefully before operating. Retain these instructions for future reference.

WARNING:

USER SHOULD BE TRAINED IN THE PROPER USE AND MAINTENANCE OF THIS DEVICE. IMPROPER USE OF THIS DEVICE, ASSOCIATED PLUG, RECEPTACLE, AND CORD CAN LEAD TO SERIOUS INJURIES OR DEATH TO PERSONNEL.

PERIODIC INSPECTION OF THE RECEPTACLE AND CORD IS NECESSARY. THE CORD MUST BE ROUTINELY CHECKED FOR CUTS, BREAKS, OR ANY SEVERE ABRASIONS, AND IF ANY ARE FOUND, THE CORD MUST BE REPLACED BEFORE RESUMING USE OF THE UNIT.

ELECTRICAL POWER SUPPLY MUST BE "OFF" BEFORE AND DURING ANY MAINTENANCE.

IF ANY PARTS OF THE RECEPTACLE OR PLUG APPEAR TO BE MISSING, BROKEN, OR SHOW SIGNS OR DAMAGE, DISCONTINUE USE IMMEDIATELY. REPLACE WITH THE PROPER REPLACEMENT PART(S) BEFORE CONTINUING SERVICE.

The Larson Electronics TX-1000VA-4XAO power transformer converts 120/240 VAC at 50/60hz to low voltage AC or DC power, and is ideal for powering 12/24 volt based lights and equipment. This transformer features twist lock plug design, adjustable voltage control, and GFCI receptacle protection.

OPERATION

This portable transformer comes preconfigured in primary and secondary voltages listed on nameplate. Check product label to verify proper voltages.

1. Position transformer near equipment to be powered.
2. Run LINE cable to compatible receptacle outputting **VOLTAGE ON NAMEPLATE.**
Primary voltage is 120V or 240V AC @50/60Hz depending on model purchased.
3. Attach equipment to receptacles.
Secondary Voltage is either 12V, 24V, 48V AC/DC depending on model purchase.

NOTE: Primary and Secondary voltages range depending on options selected during purchase. Always confirm voltage on the product nameplate before operating!

(4) L-520 Receptacles & (2) GFCI Protected 1523 Standard Receptacles.

Follow the steps below for twist lock operation. Electrical connection between it and plug is accomplished after plug fully inserts into receptacle and rotated clockwise.

1. Lift receptacle door and locate polarization on mating plug pin and receptacle face. Insert plug straight all the way into receptacle until it cannot go further.
2. Rotate plug clockwise. This closes internal contacts and completes the circuit. This also mechanically locks plug into receptacle so it cannot be pulled out.
3. To remove plug, turn counter-clockwise, pull plug straight out.

A top located cord management system allows operators to roll up line-in cord when not in use, and roll up the extra slack in the power cable during use.

A GFCI receptacle is different from conventional receptacles. In the event of a ground fault, a GFCI will trip and quickly stop the flow of electricity to prevent serious injury.

Definition of a ground fault:

Instead of following its normal safe path, electricity passes through a person's body to reach the ground. For example, a defective appliance can cause a ground fault.

A GFCI receptacle does **NOT** protect against circuit overloads, short circuits, or shocks. For example, you can still be shocked if you touch bare wires while standing on a non-conducting surface, such as a wood floor.

NOTE:

GFCI's contain a lockout feature that will prevent RESET if:

- There is no power being supplied to the GFCI.
- The GFCI is mis-wired due to reversal of the LINE and LOAD leads.
- The GFCI cannot pass its internal test, indicating that it may not be able to provide protection in the event of a ground fault.

GFCI TEST

Look at the face of the GFCI outlet: between the two sets of slots where you plug in cords there are two rectangular buttons, labeled "TEST" and "RESET." To test your GFCI, simply press the test button with your finger. You will hear a snap sound that trips the outlet and cuts off the power to the two plug connections.

To confirm that the power is off, plug a lamp or radio into each half of the outlet; the lamp or radio should not turn on. Alternatively, you can check for the presence of voltage with a voltage tester or a multimeter; this test also should indicate no power. Once you've confirmed that the safety function is working properly, press the reset button to restore power to the outlet.

Another way to test a GFCI outlet is to use a GFCI outlet tester.

MAINTENANCE:

Electrical and mechanical inspection of all components must be performed on a regularly scheduled basis, determined by the environment and frequency of use. It is recommended that inspection be performed a minimum of once a year.

WARNING: ELECTRICAL POWER SUPPLY MUST BE "OFF" BEFORE AND DURING MAINTENANCE. ANY MAINTENANCE PROCEDURE MUST BE PERFORMED BY A TRAINED AND COMPETENT ELECTRICIAN.

WARNING: IF ANY PARTS OF THE RECEPTACLE OR PLUG APPEAR TO BE MISSING, BROKEN, OR SHOW SIGNS OR DAMAGE, DISCONTINUE USE IMMEDIATELY. REPLACE WITH THE PROPER REPLACEMENT PART(S) BEFORE CONTINUING SERVICE.

During the inspections, perform the following steps:

1. Inspect all contact wire terminals for tightness. Discoloration due to excessive heat is an indicator of a possible problem and should be thoroughly investigated and repaired as necessary.
2. Inspect contacts for signs of wear and replace if necessary.
3. Clean exterior surfaces making sure nameplates remain legible.
4. Check tightness of all screws before using.

If any part of the plug appears to be missing, broken, or show signs of damage—discontinue use immediately! This condition could cause serious or fatal personal injury due to electrocution and/or equipment damage. Repair with the proper replacement part(s) before continuing service.

USE AND CARE

Unauthorized modification may impair the function and/or safety of the transformer and could affect the life of the equipment. Always check damaged or worn out parts before using the unit. When extension cord is not in use, store it in a secure place. Inspect for good working condition prior to storage and before re-use.

Should further information not covered by these instructions be required, please contact Larson Electronics at 1-800-369-6671 or sales@larsonelectronics.com for further assistance.

Please visit LarsonElectronics.com for **Warranty** and **Return** information.