



# LOOPY SERIES

## Loop Power Supplies

### Operating Instructions

The **Loopy Series Loop Power Supplies** provide field technicians with portable, economic, and durable 24VDC power source for powering field transmitters. This is especially useful during plant startup, shutdown, and overhaul, when the loops are not usually energized, but field instruments must still be installed, tested, and calibrated.

#### OPERATION

1. First secure the power to the loop and/ or isolate the loop from surrounding circuitry to prevent electrical shock.
2. Insert the banana plug end of the included red and black wire leads into the Loopy 5000, ensuring that the red wire is connected to the red (positive) terminal and that the black wire is connected to the black (negative) terminal.
3. Connect the black lead to the hot leg of the loop that is to be calibrated, and the red to the return leg.
4. Once all connections have been checked, energize the loop circuitry by engaging the small toggle switch on the loop calibrator to the on position.
5. The "DC Monitor" port used in conjunction with the included cable to output current information to the loop calibrator. This is used to diagnose problems in the power loop.

#### MAINTENANCE

Aside from changing the 9-volt or AA batteries (model dependent) plug free of dust and debris will ensure good performance of the electrical contacts on the power supply.

## WARRANTY/DISCLAIMER

East Hills Instruments, Inc. warrants this unit to free of defects and workmanship for a period of twenty—five months from the date of purchase. East Hills Instruments warranty adds an additional one month to the normal twenty—four-month product warranty to cover handling and shipping time. This ensures that all customers receive maximum coverage on each product. If the unit malfunctions, it must be returned to the factory for evaluation. East Hills Instruments Customer Service Department will issue a return goods authorization (RGA) number immediately upon phone or written request. If the product is found to be defective upon examination by the Repair Department, the product will be repaired or replaced at no charge. This warranty also includes damage that may have occurred in the regular activities that the device is designed for. Unauthorized repair attempts or modification of the product may result in voiding of the warranty and should be avoided.

## RETURN REQUESTS/ INQUIRIES

Direct all warranty and repair requests/ inquiries to the East Hills Instruments Customer Service Department. BEFORE RETURNING ANY PRODUCT TO EAST HILLS INSTRUMENTS, THE PURCHASER MUST OBTAIN A RETURN GOODS AUTHORIZATION (RGA) NUMBER FROM EAST HILLS INSTRUMENTS CUSTOMER SERVICE DEPARTMENT TO AVOID PROCESSING DELAYS. The assigned RGA number should then be marked on the outside of the return package and any correspondence. The purchaser is responsible for any shipping charges, freight, insurance, and proper packaging to prevent breakage in transit.

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**FOR WARRANTY RETURNS**, please have the following information available BEFORE contacting

East Hills Instruments:

1. Purchase Order number under which the product was PURCHASED
2. Model and serial number of the product under warranty; and
3. Repair instructions and/ or specific problems relative to the product

**FOR NON-WARRANTY REPAIRS**, have the following information available BEFORE contacting East

East Hills Instruments for current repair charges:

1. Purchase Order number to cover the COST of the repair
2. Model and serial number of the product; and
3. Repair instructions and/ or specific problems relative to the product



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