



016-1609-00 Power Supply Kit Instructions

071-0102-00



Safety Summary

To avoid potential hazards, use this product only as specified.

To avoid fire or personal injury

Use proper power cord. Use only the power cord specified for this product and certified for the country of use.

Ground the product. This product is grounded through the grounding conductor of the power cord. To avoid electric shock, the grounding conductor must be connected to earth ground. Before making connections to the input or output terminals of the product, ensure that the product is properly grounded.

Observe all terminal ratings. To avoid fire or shock hazard, observe all ratings and markings on the product. Consult the product manual for further ratings information before making connections to the product.

Do not operate with suspected failures. If you suspect there is damage to this product, have it inspected by qualified service personnel.

Do not operate in wet/damp conditions.

Do not operate in an explosive atmosphere.

Keep product surfaces clean and dry.

Product Description

This power supply kit adapts the Tektronix SD-44 optical-to-electrical converter and ORR24 optical reference receiver for stand-alone operation. The power supply converts 100, 120, and 230 VAC power into the proper DC voltages required by these plug-in modules. A special cord adapts the connector on the output of the power supply to the connector on the back of the plug-in module.

NOTE. *This kit provides power only and does not provide any other signal connections.*

For additional information concerning safety precautions, specifications, and product compliance, refer to the supplemental sheet included with the power supply.

Standard Accessories

Figure 1 shows the power supply and standard accessories. To order replacement parts or accessories, contact your local Tektronix representative.

Fig. & index number	Part number	Description
1-1	174-3867-00	adapter cable
1-2	119-5784-00	power supply
1-3	161-0066-00	power cord, North American 120V/15A
-	071-0102-00	instructions (this sheet)

Optional Power Cords

Figure 2 shows the optional power cords that are available for 250 V operation. To order, contact your local Tektronix representative.

Fig. & index number	Part number	Description
2-1	161-0066-09	Europe, 250V/10A
2-2	161-0066-10	United Kingdom, 250V/10A
2-3	161-0066-11	Australia, 250V/10A
2-4	161-0066-12	North America, 250V/10A
2-5	161-0154-00	Switzerland, 250V/10A

Installation

1. Connect the plug-in module, adapter, and power supply together before connecting the power supply to the AC power source.
2. Connect the power supply to the AC power source with the appropriate power cord. The light on the plug-in module indicates that the unit is receiving power.
3. Connect the signal input and signal output cables to the plug-in module and proceed with normal operation.

Table 1: Certifications and compliances

EC Declaration of Conformity – EMC	
Meets intent of Directive 89/336/EEC for Electromagnetic Compatibility.	
EC Declaration of Conformity – Low Voltage	
Compliance was demonstrated to the following specifications as listed in the Official Journal of the European Communities:	
Low Voltage Directive 73/23/EEC, as amended by 96/68/EEC	
EN 60950	Safety of information technology equipment, including electrical business equipment
Approvals	UL1950, Third Edition; CAN/CSA C22.2 No. 950-95; IEC950 – Safety of information technology equipment, including electrical business equipment

WARRANTY SUMMARY

Tektronix warrants that the products that it manufactures and sells will be free from defects in materials and workmanship for a period of one (1) year from the date of shipment. If a product proves defective within the respective period, Tektronix will provide repair or replacement as described in the complete warranty statement.

To arrange for service or obtain a copy of the complete warranty statement, please contact your nearest Tektronix sales and service office.

EXCEPT AS PROVIDED IN THIS SUMMARY OR THE APPLICABLE WARRANTY STATEMENT, TEKTRONIX MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL TEKTRONIX BE LIABLE FOR INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES.

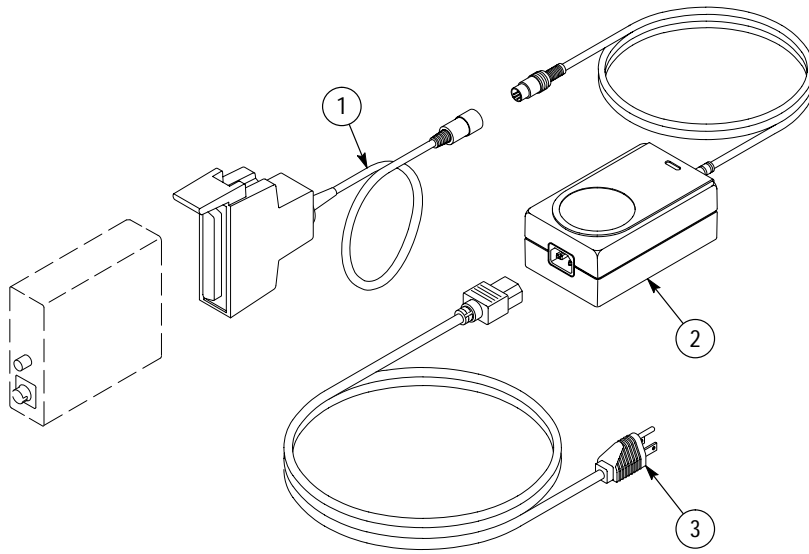


Figure 1: Standard accessories of the 016-1609-00 power supply kit

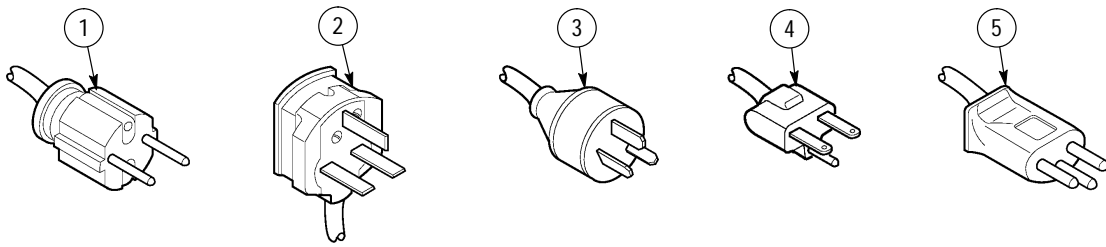


Figure 2: Optional power cords