

SG-230RC

TTL TO 28 VDC POWERED ADAPTER WITH COAXIAL CONNECTOR

USER'S GUIDE



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SG-230RC USER'S GUIDE
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CHAPTER 1

Overview

The SG-230RC is a 5-volt TTL to 28-volt converter interface. It is designed for users who wish to operate 28-volt MED devices from TTL level outputs. This version has an internal 5-volt power supply, eliminating the need for an external connection to 5 volts.

The unit's default configuration is set for a LOW level TTL signal (a HIGH level version is also available).

CHAPTER 2

Connections

TTL INPUT

Connect the TTL output control line to this BNC connector using a standard BNC to BNC cable. The connector configuration is standard (center pin of the connector is the input line, the outer ring of the connector is ground).

The TTL output signal must be an active low (0-.8V) level signal. The SG-230RC supplies an internal pull-up to 5V when the TTL output line is released.

Figure 2.1 - TTL Input



Note: Do not attempt to connect the TTL 5V ground to the 28 volt power supply ground. These grounds must remain isolated.

Front Panel LED Indicator

This LED indicator will turn on when the unit receives an input signal to operate the 28 volt device.

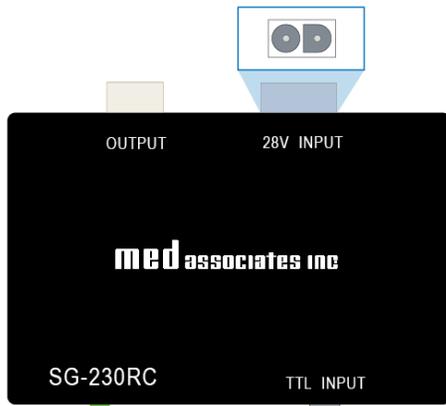
Figure 2.2 – LED Indicator



28V Input Connector

This input connector should be connected to a MED 28 volt power supply using the power cable (SG-210CP-8).

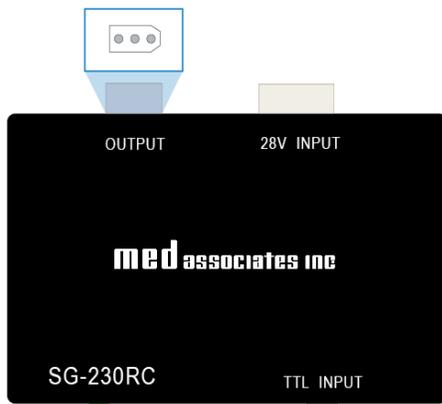
Figure 2.3 - 28V Input



Output Connector

Connect any 28-volt operated MED device to this connector.

Figure 2.4 - Output Connector



APPENDIX A

Contact Information

Please contact MED Associates, Inc. for information regarding any of our products.

Visit our website at www.med-associates.com for contact information.

For technical questions, email support@med-associates.com.