

## Melles Griot RDS Controller # 04RSC850

### Operating Instructions

This unit is for use only with Melles Griot RDS electronic shutters. It must be used with the Melles Griot power supply shown in the specifications section.

**WARNING: Use with other shutters or power supplies may cause damage to the controller and the shutter. It may also create a fire hazard.**

#### **Setup**

Connect the RDS shutter cable to the **SHUTTER** (modular type) connector.

Connect the +12VDC supply cable to the **POWER IN** connector.

If desired, connect the TTL signal source cable to the **TTL INPUT** (BNC) connector.

Turn the front panel **DC POWER** switch to the ON position.

#### **Local Operation**

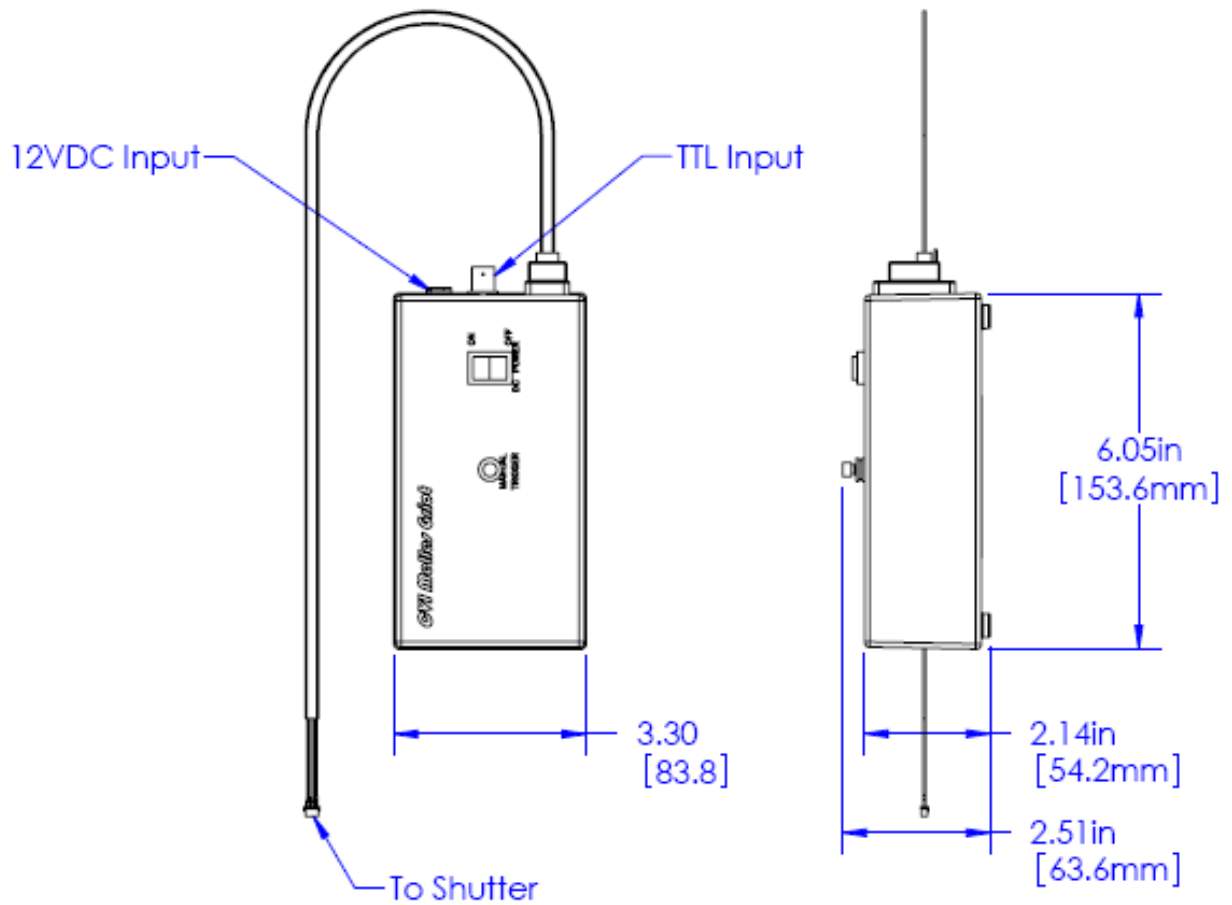
Momentarily push the **MANUAL TRIGGER** button to actuate (open or close) the shutter.

#### **TTL (Remote) Operation**

A TTL signal may be used to alternatively open and close the shutter. Connect the TTL signal source cable to the **TTL INPUT** (BNC) connector. The applied TTL signal should be +5 volts maximum.

The RDS controller circuit is triggered on the positive edge of the TTL input signal. The RDS shutter will actuate (alternatively open and close) with each TTL signal positive edge.

NOTE: Disconnect cables to the TTL input when not in use to prevent unwanted shutter actuation due to electrical noise.



### **Specifications**

**Input Voltage:** 12 VDC

**Input Current:** 2.5 A maximum

**Output Voltage:** 12 VDC PWM pulse (9 VDC average value)

**TTL:** +3 to 5VDC, Input via standard BNC jack

**Maximum Repetition:** 3 Hz

**Minimum Time Between Actuations:** 500 msec

**Weight:** 1.11 Lb. (2.44Kg)

### **Power Supplies (CE marked, one required)**

<b>US</b>	90-264 V, 47-63 Hz	3 prong North American plug	<b>04 IPS 833</b>
<b>EU</b>	90-264 V, 47-63 Hz	2 prong European (CEE7/7) plug	<b>04 IPS 835</b>
<b>Pacific Rim</b>	90-264 V, 47-63 Hz	Japanese plug	<b>04 IPS 837</b>