



TTL MODULE

Converts an analog voltage signal into a TTL square wave

Prime Photonics' TTL module converts an analog, bipolar voltage signal into a 0-5V TTL square wave based on simple threshold level.

Configuration

The TTL module is configured with two independent, identical circuit. Each circuit consists of an analog voltage input and a TTL output.

Typical Use

The TTL module is typically used to convert the signal generated by the passage of an object in front of an optical probe into a TTL signal. It allows the use of an optical probe as a once-per-revolution signal generator.

Electrical Power

The TTL module is powered by 12 VDC power. An LED indicates power to the module.

Input Signal

The TTL module takes analog input from $-5V$ to $+5V$ via BNC connectors.

Output Signal

The output is a 0-5V TTL signal via BNC connectors.



TTL Module (top view)



TTL Module (front view)