

## Quick installation Guide

### Thor Fiber F-RSD-XX RS-232/485/422 Over Fiber

Thank you for purchasing the Thor fiber optic Transmitter / receiver system. This product is a multi-purpose asynchronous fiber optic device that can extend RS-232/485/422 serial control over a single fiber optic line. This greatly increases the efficiency in transmission function while simultaneously protecting transmission integrity from common issues such as weather, surge, or electromagnetic interference.

#### Quick start guide:

There are two devices in this package labeled either "A", or "B" (The A or B designation can be found on the bottom label of the devices under "Product Type:" F-RSD-A-TX/RX | F-RSD-B-TX/RX ).

Each device will also include a 5v dc power adapter (please only use the manufacturer's supplied adapters as any higher voltages may result in damage to the unit).

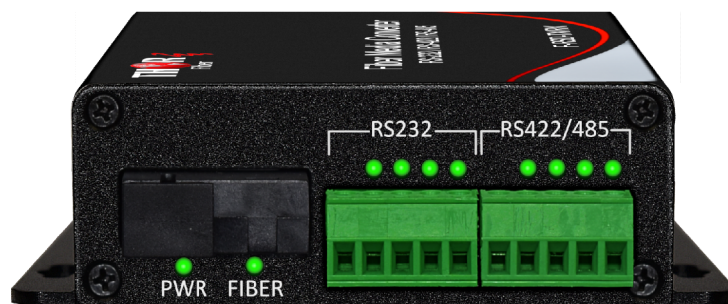
1) Connect power adapter to device "A", and repeat the process for device "B".



back view of the unit

#### Status lights:

Each unit has 2 status indicator LEDs that are labeled PWR and FIBER. When sufficient power is supplied to each device the PWR indicator LED will light up with a solid green.



Front view of the unit

Before the fiber port on either device is connected the FIBER status indicator light will blink on and off. This is indicating that the device is ready and it is waiting for communication with the other device.

Install one side of a standard (Fiber cable) into the fiber port on device "A" and the other into the fiber port on device "B".

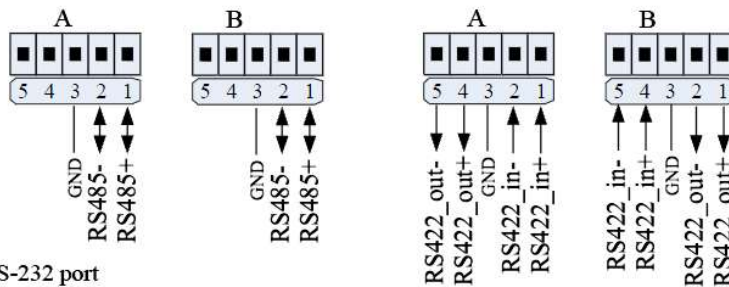
Once the devices have established a link the FIBER status indicator LEDs on both devices will turn off. The following image that shows the correct LED status for a n successful fiber connection.



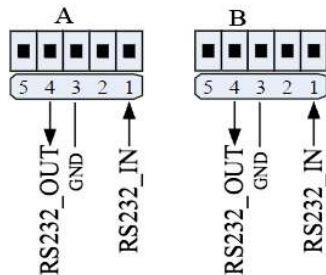
#### Pin define

1、Power interface: DC 2.5 — 5V

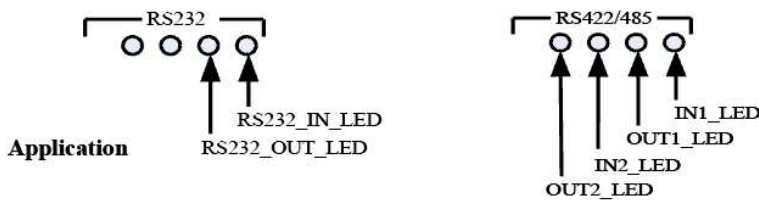
2、RS-485/422 port



3、RS-232 port



#### Indicator light explain



Application

