



## Connection:

1. Open the End Caps of the Clock Source Box.
2. Plug the Original RJ12 cable (RS485) into the IN side port, (Or left it not connected).
3. Connect the OUT port of the clock source box to Time Zone module.
4. Connect the DC power cable to the Time Zone module.
5. Time Signal will be transmitted from the Box periodically with an interval assigned.

## Clock Source Box configuration

Two method to connect the box for configuration

method 1. Connect the box as described above, RS485 cable at IN port must be connected to PC

method 2. Open the end cap of the IN port, Connect the PC RS485 cable to IN port,

Connect a DC 5V power supply (Center positive) to the DC jack.

- After connected the cables and apply power, setup the UTC time , Clock mode and interval as described below..

### -1. Comport

- Press the Scan button to scan available comport.
- Select the comport that connected to the Clock Source Box.

### 2. Current Local Time

- Show the Current Time of Your Computer

### 3. Setup / UTC Date/Time

- UTC Time, Base on the Computer Time
- Sync : UTC time synchronize to Computer Time
- Stop : UTC time stop, User can edit the date & time.
- Clock Mode:
  - >GPS - GPS NMEA Format.
  - >Date/Time - Generic Date Time format.

\*\* (Date/Time mode are not for old time Zone)

- Interval of clock transmission : from 1 min to 24Hours

- Write : Update parameters to Clock Source Box.

### 4. Clock Source Box

- Read : Read Parameters from Clock Sourc Box.
  - > to check parameter in the clcok sourc Box
- Repeat : Send read signal every second.
  - > Time return may have 1 second lagging

\*\*\* Select GPS mode for the old time zone

