

RS232 Serial Port Isolator – Model ISO 232

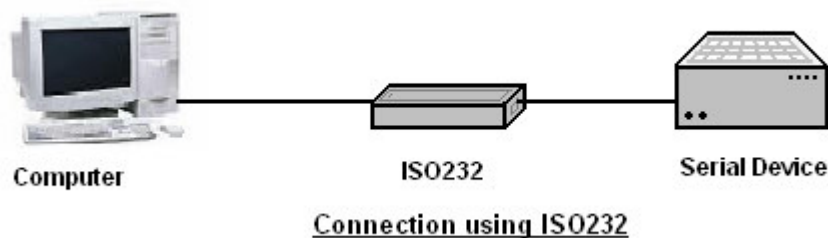
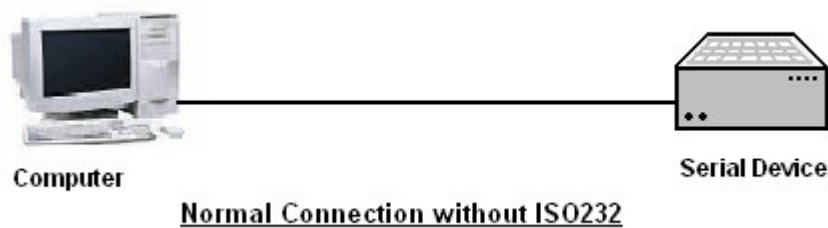
1 Introduction.

The **RS232 Serial Port Isolator – Model ISO 232** is primarily intended to provide complete **Isolation** between the Expensive Computer or System from the Serial Device, so that they are protected against any inadvertent damage. The ISO 232 also provides necessary immunity to Computer or system against **Electrical Noise**.

Following are some salient features unique to this product:

1. All RS 232 signals like TxD, RxD, RTS, CTS, DTR, DSR and DCD are **Optically Isolated** between the input and output
2. The **Power Supply** for both side RS 232 Signals are **Separate and are Isolated by 1500V** by using **Dual Secondary Transformer**.
3. **Indications** are provided for **Transmit Data (TD), Receive Data (RD)** and **Power** for both the sides

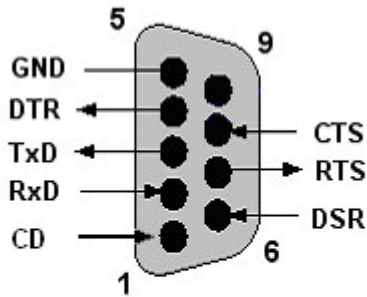
2 Connection Diagram.



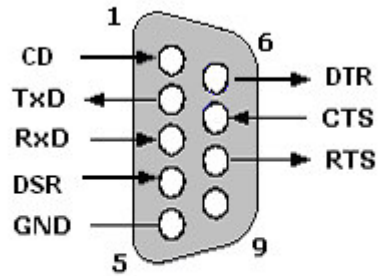
3 Installation Instructions.

1. Remove the Existing cable connected from your Serial Device to the Computer at Computer End
2. Connect the Serial Device to the **ISO 232** 9 Pin Male D-Type connector marked **Device** using the removed cable as per Step 1.
3. Connect the Computer to the **ISO 232** 9 Pin Female D-Type connector marked **Computer** using 9 Pin Male to 9 Pin Female cable supplied along with this unit.
4. Connect the 4 Pin connector of the supplied Power Adapter to **ISO 232**
5. Connect the supplied Power Adapter to any **230V AC** Electrical Socket
6. Power ON the unit and check whether both the POWER indications are ON.
7. You can now use and communicate between the Computer and your Serial device as you may have been using earlier without any change.
8. There are no physical setting required in ISO 232 for operation.
9. The unit can operate at all Serial Speeds up to 115 K, Data bits, Parity and Stop Bits.

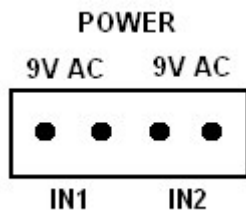
4 Connector Details.



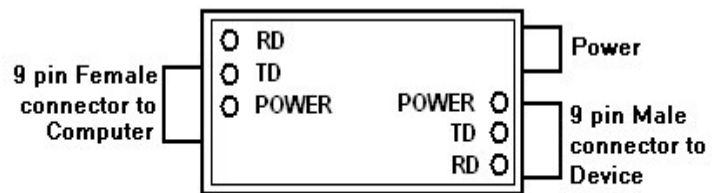
9-Pin Male Connector To Device



9-Pin Female Connector To Computer



Power Connector



ISO232 Connection Diagram

Please do get back to us for any further details.

Sparr Electronics Ltd,

No.43, YMS Complex, HMT Main Road, Mathikere, **Bangalore** - 560 054, INDIA.

Phone:+91- 80 - 2360 2836, +91- 80 - 2360 6308 Fax : +91- 80 - 2360 8346

E-mail: info@sparrl.com, Web: <http://www.sparrl.com>