



FlexiPanel

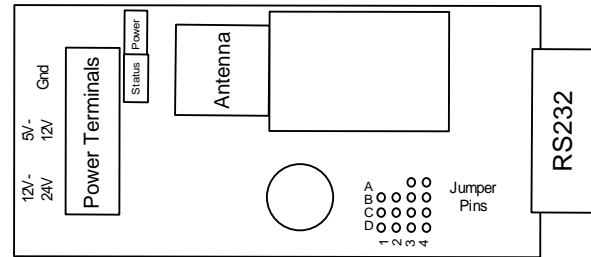
LinkMatik-232™

DIN rail RS232 to Bluetooth transceiver / Serial cable replacement system



Features

- Easy-to-use serial data interface
- Connects with Bluetooth devices (e.g. PDA's, PC's, Phones) as master or slave.
- For cable replacement applications, two LinkMatik-232s can pair permanently together one as master, the other as slave.
- Over-the-air data rate approx 50K full duplex.
- FCC / CE compliant. Does not need recertification if integral antenna used.
- Serial baud rates 9600 to 115K baud.
- Hardware flow control or no flow control.
- Bluetooth PIN code and encryption.
- Bluetooth error correction layer.
- Class I Bluetooth V2.0 radio, 100m range.
- 5-24V DC supply.
- DIN rail mounting clip.
- Integral antenna.



Summary

LinkMatik is a fully transparent serial to Bluetooth data link. It enables system designers to easily add a Bluetooth wireless to their products without the need for RF and antenna design expertise.

The module contains all RF circuitry, including integral antenna and baseband controller, and provides a simple-to-use, plug-in module with serial interface to the host application.

The module can interface with many standard Bluetooth devices, e.g. Laptop computers, PDAs, Mobile phones etc.

Operating in slave mode, it initializes itself and waits for a remote device to connect.

Operating in master mode, it looks for specific devices to connect to.

For cable replacement applications, a slave and a master paired together.

The modules manage themselves and require no external control. Baud rate, device name, class of device, etc, can be reconfigured from a PC via the serial port.

Linkmatik-232 is available with either a female or male D9 RS232 socket. Factory-configure wedded pairs are also available for fit-and-forget cable replacement applications.



Manufactured to ISO9001:2000

Ordering Information

Part No	Description
LM-232-F	LinkMatik-232 DIN rail package, female D9 socket (see photo above)
LM-232-M	LinkMatik-232 DIN rail package, male D9 socket
LM-232-W	2 x LinkMatik-232 DIN rail package, male / female wedded pair