

RS 232 Extender

Quick Installation Guide



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1. Introduction

The RS 232 Extender from Minicom extends control and remote access of any RS232 device by up to 1,000m / 3,300ft. For example use it to give remote access from a touch screen, or Creston presentation unit or to transfer data between computers

2. Features

- Transmits RS232 data at 115.2 kbps up to 1,000m / 3,300ft
- Full-duplex communication
- Advanced CAT5 technology
- Pure hardware solution – real time data transfer, no software conflicts
- Plug-and-play installation – no extra protocols needed
- 3 year warranty

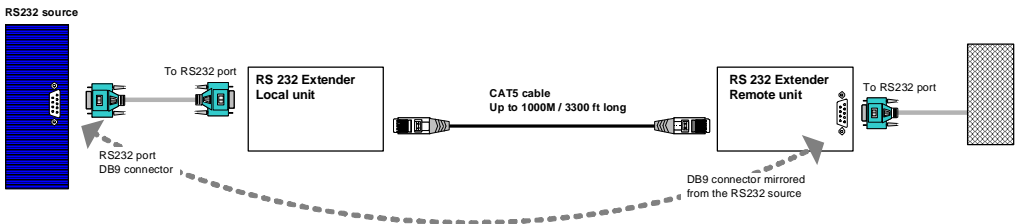
3. System components

The RS 232 Extender system consists of:

- 1 Local unit
- 1 Remote unit
- 1 Power adapter

4. Connecting the RS 232 Extender system

The figure below illustrates the RS 232 Extender system connections. Connect the Local and Remote RS 232 Extender units to each other using a CAT5 cable.



Connecting Power adapters

Up to 330m / 1,000ft connect a Power adapter to **either** the Local **or** Remote RS 232 Extender unit.

For distances of more than 330m / 1,000ft connect a power adapter to **both** the Local **and** Remote RS 232 Extender units. You can order an additional power adapter P/N 0VS24001 from Minicom.

Once connected the RS 232 Extender system is ready to transmit RS 232 signals.

Recommendation

Note! In the RS 232 Extender system the CAT5 cables carry electrical power. Therefore do **NOT** connect them to any other device. To avoid this we recommend that you attach the stickers provided to the ends of the CAT5 cable.

User Guide feedback

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Please include the following information: Guide name, part number and version number (as appears on the front cover).

5. Technical specifications

System

System cable	CAT5 UTP/ FTP 2x4x24 AWG Solid Wire cable
Maximum distance	1000m/3300ft
System order number	0VS22013
Shipping weight	680g
Warranty	3 years
Operating temp.	0°C to 40°C/32°F to 104°F
Storage temp.	-40°C to 70°C/-40°F to 158°F
Humidity	80% non condensing relative humidity

Local unit

Cables / Connectors	RS232 – DB9F System – RJ45 Power jack
Dimensions	75 x 45 x 25 mm
Weight	120g
Power supply	12VDC 1A from AC/DC adapter

Remote unit

Connectors	RS232 – DB9M System – RJ45 Power jack
Dimensions	75 x 45 x 25 mm
Weight	120g
Power supply	12VDC 1A from AC/DC adapter

DB9 pin connection

- Pin 1 -
- Pin 2 - Receive data
- Pin 3 - Transmit data
- Pin 4 - Data terminal ready
- Pin 5 - Signal Ground
- Pin 6 - Data set ready
- Pin 7 - Request to send
- Pin 8 - Clear to send
- Pin 9 -