

RS 232 Extender

Quick Installation Guide



International HQ

Jerusalem, Israel

Tel: + 972 2 535 9666

minicom@minicom.com

North American HQ

Linden, New Jersey

Tel: + 1 908 4862100

info.usa@minicom.com

German Europe

Zurich, Switzerland

Tel: + 41 1 455 6220

info.german@minicom.com

Italy

Rome

Tel: + 39 06 8209 7902

info.italy@minicom.com

www.minicom.com

Customer support - support@minicom.com

RS 232 EXTENDER

1. What is the RS 232 Extender?

The RS 232 Extender from Minicom extends control and remote access of any RS 232 device up to 1000m / 3300ft away. Use it for example to give remote access from a touch screen, or Creston presentation unit or to transfer data between computers

This Installation Guide illustrates the RS 232 Extender and explains how to install it.

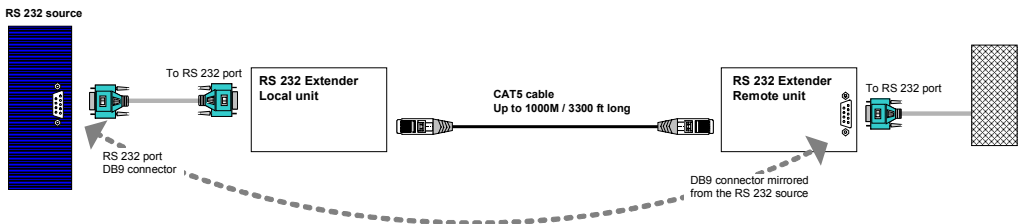
2. Features

- Transmits RS-232 data at 57.6 kbps up to 1000m / 3300ft
- 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. Connecting the RS 232 Extender system

The figure below illustrates the RS 232 Extender system connections.

Up to 330m / 1000ft connect a Power adapter to either the Local or Remote RS 232 Extender unit. For distances of more than 330m / 1000ft connect power adapters to both Extender units.



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 each CAT5 cable.

4. Technical specifications

System

| | |
|----------------------------|--------------------------|
| System cable | Shielded CAT 5 FTP cable |
| Maximum distance | 600m/2,000ft |
| System order number | 0VS22013 |
| Shipping weight | 680g |
| Warranty | 3 years |
| Operating temp. | Up to 40°C |
| Storage temp. | -40°C to 50°C |

Local unit

| | |
|----------------------------|---|
| Cables / Connectors | RS232 – DB9F System – RJ45 Power jack |
| Dimensions | 75 x 45 x 25 mm |
| Weight | 120g |
| Power supply | 12VDC 2A 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 2A 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 -

Minicom Advanced Systems Ltd.

3 year Limited Product Warranty

Effective from January 2002

Minicom Advanced Systems Ltd (Minicom) warrants your new Minicom product against defects in materials and workmanship for a period of three (3) years from the date of the original purchase from Minicom or an authorized reseller. A copy of the customer's original proof-of-purchase will be required to establish the original date of purchase for all warranty services. In the absence of a proof-of-purchase, Minicom will apply the manufacturing date of the product to establish warranty service.

Should this product fail to be in working order at any time during this three-year period **Minicom** guarantees to replace or repair according to our standard and the judgment of trained **Minicom** personnel and technical staff, without cost to the customer, any defective part thereof. Any product defect not originating from defects in materials or workmanship will not be considered covered under this warranty.

Under this warranty **Minicom's** entire liability and the customer's exclusive remedy shall be at **Minicom's** option, to either repair or replace the product or any defective part thereof.

Under this warranty the product or any part thereof will not be replaced or repaired after the expiry of the above mentioned three year period.

When a product or part is replaced the item being replaced becomes the property of **Minicom**. Replaced products or parts will either be new, remanufactured or refurbished at the sole discretion of **Minicom**. Replacement products will continue to be covered under the original owner's warranty period, or for a period of six (6) months, whichever is greater.

This warranty is non-transferable and is limited to the MSRP of the product at the date of sale. **Minicom's RMA procedure must be followed when returning damaged goods.**

Unless otherwise notified, the customer is responsible for shipping the defective product to a specified **Minicom** service center.

To take advantage of these warranty services, call your local **Minicom** dealer or Regional office or contact the **Minicom** Customer Service department.

WARRANTY EXCLUSIONS

This warranty does not include repair of damage resulting from use of non-**Minicom** components, or use of components not compatible with the product.

This limited warranty does not cover the repair of cosmetic damage; or parts that have been altered, defaced or removed.

This limited warranty does not apply to failures caused by software or virus problems, alteration or repair not performed by **Minicom** or authorized agents, accident, misuse, abuse, negligence, commercial use, improper shipping or natural causes.

This limited warranty does not apply to any cables, power adapters or accessories supplied with the product.

Any implied warranties in respect of this product are expressly excluded to the extent allowed by applicable law. In no event will **Minicom** or its resellers or suppliers be liable for any damages whatsoever including, without limitation, incidental or consequential damages, damages for loss of profits or other pecuniary loss arising out of the use of or inability to use this product.