

RM96xx Radio Modem Series



Cable free serial data - the proven solution

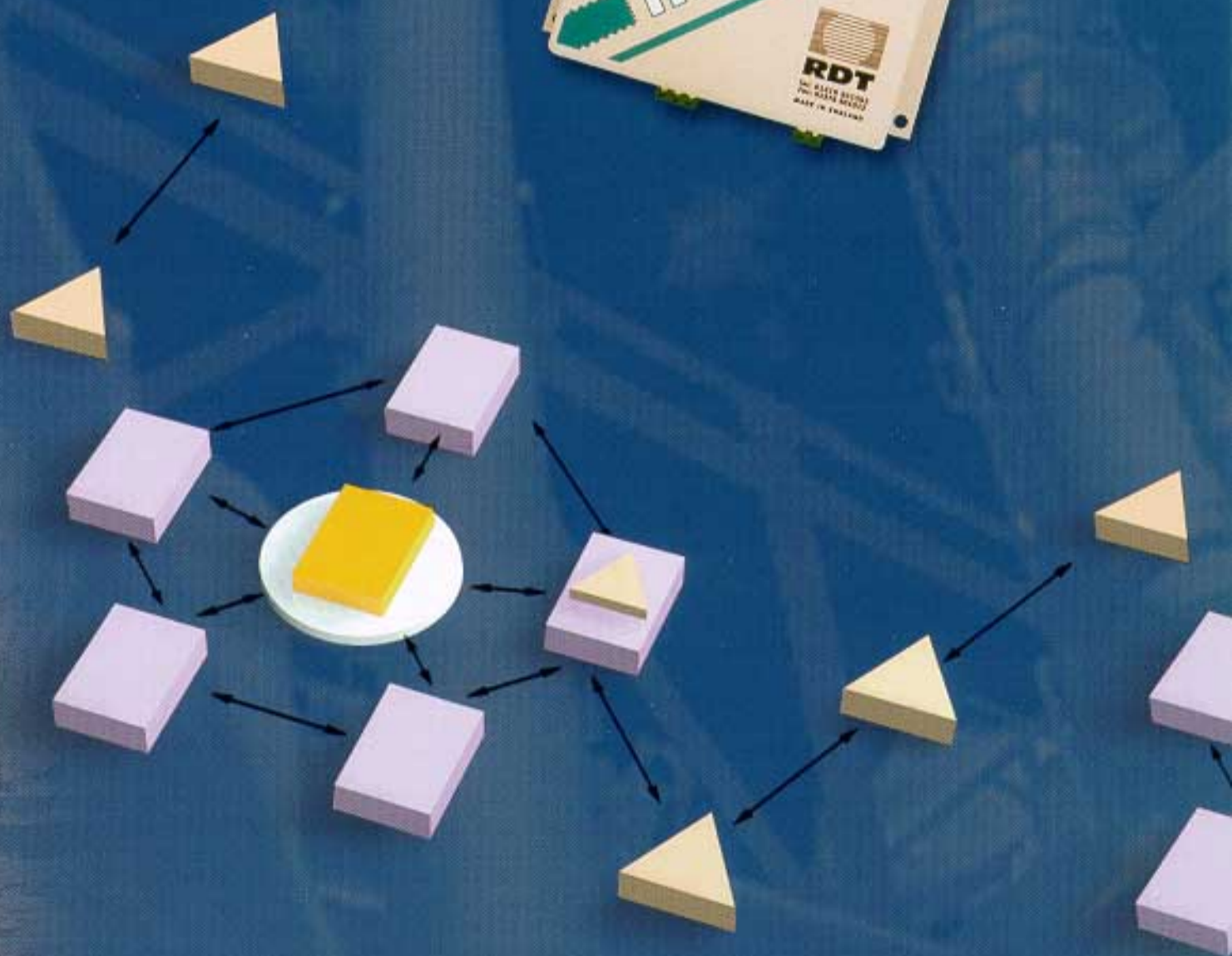


RM96xx

Radio Modem Series

Setting the Standard

The RM96xx series of radio modems take the doubt out of the use of radio data communications in industrial applications. RDT have been producing radio modems for over 10 years and now the RM96xx series is recognised by the worlds leading Control Equipment manufacturers as the best available. This enviable position has been reached not only by producing the highest performance, most flexible product but also providing the reliability of supply and technical backup that adds up to trouble free system integration.



Why install cables, pay line rentals or call charges for data communications when you can use reliable low power radio links?



Versions available from OEM module to IP67 with integral psu.

Internationally Approved

RDT has an extensive and constantly expanding international representation and existing product type approvals throughout Europe, Scandinavia and beyond. The design of the Rm96xx series of radio modems makes it a simple matter to tailor the product to local regulatory requirements throughout the world.

Feature Packed...but simple

We like to make life simple for our users. Following are just some of the features selected by simple switch settings - no special software or PC's required!

- Operating frequency, power, address.
- Serial interface details - including RS232/485.
- Forward Error Correction - Automatic Retry.
- Repeater Functions - including "Chain" .
- AT command set - emulates telephone based modem.

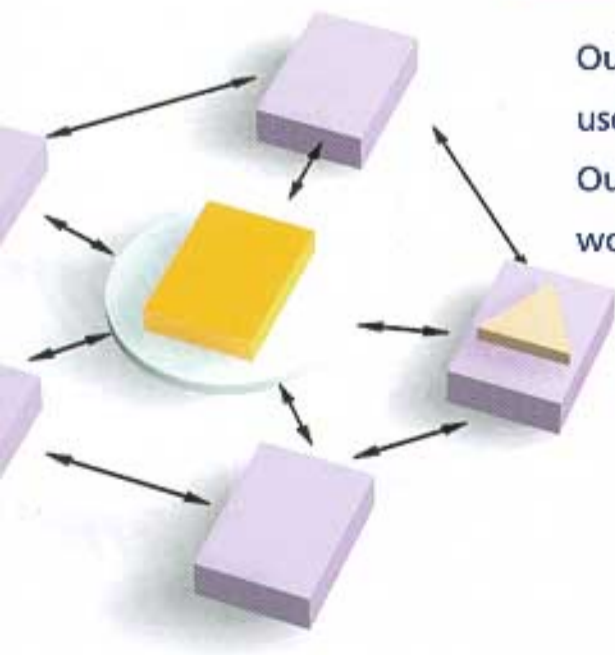
LED's give an instant indication of system status, received signal strength and RS232 Line status.

Choose RDT and you're in good company

Our work with the world's major companies means that the use of RDT radio modems can be proposed with confidence. Our partners in radio based data systems working around the world today include.....

- ABB
 - Allen Bradley
 - Group Schneider
 - Johnson Controls
 - Mitsubishi
 - Omron
 - Siemens
-to name a few!

RM96xx



Available From:

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Applications as diverse as Air to Ground links to Waste Water Treatment, Formula 1 Motor Racing to Industrial SCADA, Remote Control of Moving Plant to Traffic Information Systems.



Outline Specification

- 406 - 470MHz operating frequency.
- 10, 12.5, 20 and 25Khz Channel spacing.
- User Selectable output power.
- Up to 16Kbaud over air data rate.
- Selectable interface baud rates up to 19.2K.
- Mains or 12Vdc powered options.
- Selectable software options include Repeater, Forward Error Correction, Automatic Re-try and A.T. Commands.
- Numerous packaging options.
- Operating temperature - 25degC to +60degC.
- Meets ETS300 220, ETS300 113 and ETS300 683.
- Cost effective range from a few metres to tens of kilometres.

DETAILED SPECIFICATION AVAILABLE ON REQUEST
or www.radiodata.co.uk



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