

Operating instructions

XKM RS232

To avoid the risk of accidents or damage to the appliance it is **essential** to read these instructions before it is installed, commissioned and used for the first time.

en-GB

M.-Nr. 07 655 211

Caring for the environment

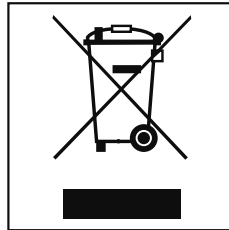
Disposal of the packing material

The packaging is designed to protect the XKM RS232 during transportation. Ensure that any plastic wrappings, bags etc. are disposed of safely and kept out of the reach of babies and young children. Danger of suffocation!

Rather than just throwing these materials away, please ensure that they are recycled.

Disposing of your old appliance

Electrical and electronic appliances often contain materials which, if handled or disposed of incorrectly could be potentially hazardous to human health and to the environment. They are, however, essential for the correct functioning of your appliance. Please do not dispose of it with your household waste.



Please dispose of it at your local community waste collection/recycling centre or contact your Dealer for advice. Ensure that it presents no danger to children whilst being stored for disposal. See the "Warning and Safety" section of this booklet for further details.

Caring for the environment	2
Disposal of the packing material	2
Disposing of your old appliance	2
Contents	3
Warning and Safety instructions	4
Correct application.....	4
Technical safety.....	4
Operation.....	6
Button	6
Indicator lights.....	6
Switching on and off	6
Installation / setting up.....	7
Installation	7
Electrical connection.....	7
Technical data.....	8

Warning and Safety instructions

This RS 232 module is built in accordance with current safety regulations. Incorrect use can, however, lead to personal injury.

To avoid the risk of accidents and damage to the XKM RS232 please read these instructions carefully before using it for the first time. They contain important information on its safety, use and maintenance.

Keep these operating instructions in a safe place and ensure that new users are familiar with the content. Pass them on to any future owner.

externally visible damage. Do not install and use a damaged module.

- Before connecting the XKM RS232 module, ensure that the connection data on the data plate (voltage and frequency) match the mains electricity supply.
- A defective XKM RS232 module must not be repaired. It must only be replaced by a genuine Miele original module.
- The XKM RS232 module is only completely isolated from the electricity supply when the Miele Professional appliance:

Correct application

- The XKM RS232 module is exclusively designed for linking data between a Miele Professional appliance and a data receiver such as the Miele remote service module. Any other applications may be dangerous.
- The XKM RS232 module is only to be used in Miele Professional appliances that are factory fitted with a communication shaft.
 - has been switched off at the wall socket and the plug withdrawn, or
 - it has been switched off at the mains, or
 - the screw-out fuse has been removed (in countries where this is applicable), or
 - the module has been removed from its communication shaft.

Technical safety

- Before fitting the XKM RS232 module, check it for any

Warning and Safety instructions

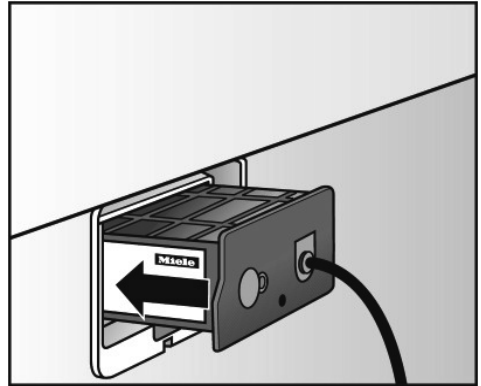
- Please ensure that the XKM RS232 data cable is fitted and laid correctly.
- The XKM RS232 module must be installed and connected by a suitably qualified engineer to ensure safety.

The XKM RS232 must **not** be used in devices with the model identifier PDR xxx HP P.

Operation

Button

The button on the XKM RS232 module is used to check that the installation was carried out correctly. A red LED control light will come on when the button is pressed to indicate that the module has been correctly installed and is ready for use. If the LED does not light up, the module has not been installed correctly or the power supply to the professional appliance has been interrupted or the module is faulty.



Indicator lights

The module has 2 different coloured LEDs. They signal active communication during use.

Switching on and off

The appliance does not have a separate on/off switch. Switching off the power supply to the Miele appliance switches the module off.

Installation

Disconnect the Miele Professional appliance from the power supply.

Slide the XKM RS232 module into the communication shaft on the Miele professional appliance.

A gentle push will engage the XKM RS232 module into its correct position, ready for use.

Reconnect the Miele Professional appliance to the power supply.

Press the XKM RS232 button to test that it is correctly installed. A red LED will come on to signal that the module is ready for use.

Electrical connection

The XKM RS232 module gets its power supply from the Miele appliance that it is connected to. It does not need a separate power supply.

The data interface on the XKM RS232 module is low voltage compliant in accordance with EN 60950. Externally connected appliances must also comply with this standard.

Technical data

Power supply	Minimum	Typically	Maximum	Unit
Voltage	100		240	V AC
Current		0.01		A
Frequency		50	60	Hz
RS-232 interface	Minimum	Typically	Maximum	Unit
Data rate		38 kBits		
Maximum cable length		1.5		Metres
SUB-D connector	Pin 2 RxD (input) Pin 3 TxD (output) Pin 5 GND			
Temperature	Minimum	Typically	Maximum	Unit
Operation	0		80	°C

Appendix

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