

Fitting and installation instructions

Miele@home Con@ctivity XKM 2100 KM

en - GB

M.-Nr. 07 828 230

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Warning and safety instructions

This appliance complies with all relevant legal safety requirements. Improper use of the appliance can present a risk of both personal injury and material damage.

To avoid the risk of accidents and damage to the appliance, please read these instructions carefully before installation and before using it for the first time.

They contain important notes on its installation, safety, use and maintenance.

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

Before installation, check the appliance for visible signs of damage. Do not install and use a damaged appliance. It could be dangerous.

Before connecting the appliance, make sure that the connection data on the data plate (voltage and connected load) match the mains electricity supply.

This data must correspond in order to avoid the risk of damage to the appliance. Consult a qualified electrician if in any doubt. ► The electrical safety of this appliance can only be guaranteed when continuity is complete between it and an effective earthing system which complies with current local and national safety regulations. It is most important that this basic safety requirement is present and regularly tested, and where there is any doubt, the household wiring system should be inspected by a qualified electrician. The manufacturer cannot be held liable for the consequences of an inadequate earthing system (e.g. electric shock).

▶ If the appliance is supplied without a plug, or if the plug is removed, it must be connected to the mains electricity supply by a suitably qualified and competent electrician in strict accordance with current local and national safety regulations. The manufacturer cannot be held liable for damage caused by incorrect installation or connection.

Never open the casing of the appliance.

Tampering with electrical connections or components and mechanical parts is highly dangerous to the user and can cause operational faults.

Warning and safety instructions

► Installation, maintenance and repairs may only be carried out by a Miele authorised person in strict accordance with current national and local safety regulations.

Repairs and other work by unqualified persons could be dangerous. The manufacturer cannot be held liable for unauthorised work.

Ensure that current is not supplied to the appliance until after maintenance or repair work has been carried out.

► Faulty components must only be replaced by genuine Miele original spare parts. The manufacturer can only guarantee the safety of the appliance when Miele replacement parts are used.

During installation, maintenance and repair work, the XKM 2100 KM **and the** hob must be disconnected from the mains electricity supply.

While the appliance is under guarantee, repairs should only be undertaken by a service technician authorised by the manufacturer. Otherwise the guarantee is invalidated.

Do not connect the appliance to the mains electricity supply by an extension lead or a multi-socket unit. These do not guarantee the required safety of the appliance (e.g. danger of overheating).

► This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience or knowledge, unless they are supervised whilst using it, or have been shown how to use it correctly by a person responsible for their safety.

► This appliance is not a toy! To avoid the risk of injury, keep children well away and do not let them play with it. They should be supervised whenever you are working in the kitchen. All electrical work should be carried out by a suitably qualified and competent person in strict accordance with current local and national safety regulations (BS 7671 in the UK).

This appliance can be connected to the mains electricity supply either via a plug and switched socket or via a suitable fused spur connection unit. The socket and on-off switch should be easily accessible after the appliance has been built in.

Connection to a fused spur connection unit must be carried out by a suitable qualified electrician only.

If the connection socket is not accessible after installation (depending on country) an additional means of disconnection must be provided for all poles. When switched off there must be an all-pole contact gap of 3 mm in the switch (including switch, fuses and relays).

See **data plate** for connection details. Ensure that these match the mains supply. Ensure power is not supplied to the appliance until after installation work has been carried out.

The appliance must only be operated when built-in. This is to ensure that all electrical parts are shielded. Live parts must not be exposed.

Do not connect the appliance to the mains electricity supply via an extension lead. These do not guarantee the required safety of the appliance.

Total connected load

See data plate

Voltage and fuse rating

AC 230 V / 50 Hz Fuse rating 10 A Release Type B or C

Residual current device

For extra safety it is advisable to install a suitable residual current device with a trip current of 30 mA.

To change the mains connection cable

If the connection cable is damaged, it must be replaced by cable type H 05 V V-F (pvc insulated), available from the Miele Spare Parts Department.

If the appliance is connected via a **fused spur**, the electrical cable must only be replaced by a suitable qualified electrician in accordance with local and national safety regulations. Connection data is quoted on the data plate.

Important UK

The wires in the mains lead are coloured in accordance with the following code:

Green/yellow	= earth
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Blue = neutral

Brown = live

WARNING THIS APPLIANCE MUST BE EARTHED

The earth lead must be connected to the connection marked €.

Miele@home connection box



- ① Shaft with communication module fitted
- Data line
- (3) Connection point for mains connection cable
- 1 connection cable with plug
- 1 connection cable with wire end ferrules

Accessories supplied:



Connecting the communication module

Data line

The connection point for the data line is located underneath the hob. The following illustrations are examples. The connection position may vary.

Type 1



Type 2



Туре 3



Data line types 1 and 2 must only be connected to the appliance by a qualified and competent electrician in strict accordance with current local and national safety regulations (BS 7671 in the UK).

- Disconnect the hob from the electricity supply.
- Remove the cover from the data line connection point (see illustration "Connecting the data line", Type 1 and Type 2).
- Connect the data line. Use the adapter supplied for connection types 1 and 2.
- Replace the cover and secure with the screws (Type 1 and Type 2 connections).
- Connect the Miele@home connection box to the mains supply.

The Miele@home connection box must not be screwed to the underside of the hob or to an oven or cooker!

How the Con@ctivity system works



Con@ctivity is the communication between the hob and the cooker hood.

The operation of the cooker hood is automatically controlled by the operating status of the hob.

For communication to take place, the cooker hood must be fitted with communication module XKM 2000 DA (1) and the hob must be fitted with communication module XKM 2100 KM (2).

The hob transmits information about its operating status to the cooker hood via the household power supply (Powerline) ③.

The XKM 2000 DA ① is fitted inside the cooker hood and will get its power supply from the cooker hood.

The XKM 2100 KM (2) has its own electrical connection to the mains independent from the hob and needs to be connected to the same ring main circuit that the cooker hood is connected to for communication to take place.

Establishing connection

For communication to take place, the cooker hood and the hob have to be signed on.

Sign on the cooker hood (see "Fitting and installation instructions Con@ctivity XKM 2000 DA").

The process for signing on the cooker hood must be completed before the hob can be signed on.

 Start the signing on process on the hob. Induction hob KM 59**: see "KM 59**"
 All other hobs: please refer to the "Con@ctivity / Miele@home" section in the operating instruction manual for your hob.

Con@ctivity and Miele@home

To install Con@ctivity and Miele@home for the first time

- Select the correct installation option (see chart in "Miele@home / Installation options"). Carry out the first installation without signing on the cooker hood and the hob.
- Sign on the cooker hood as an "Installation at a later date" appliance.
- Sign on the hob as an "Installation at a later date" appliance (see chart in "Miele@home / Installation options").

To integrate Con@ctivity into an existing Miele@home system

- Sign on the cooker hood.
- Sign on the hob as an "Installation at a later date" appliance (see chart in "Miele@home / Installation options").

How the Miele@home system works

Communication enabled appliances use the existing household power supply (Powerline communications) to transfer data to Miele@home master appliances (e.g. the InfoControl unit, the SuperVision appliance). You can use the master appliance to call up information about communication enabled appliances, such as programme status or fault messages at any time.



Miele@home system components

① Communication module

② Communication enabled appliances (examples)

(3) 230 volt power supply (Powerline)

④ SuperVision appliance, e.g. an oven used as a static master appliance

InfoControl unit (base station and mobile receiver) as a mobile master appliance

Components	Description
Communication module - XKM 2000 SV - XKM 2000 KF - XKM 2100 KM - XKM 2000	This networks the master appliance with the communication enabled appliances and enables appliance data to be transferred through the household power supply.
Communication enabled appliance	Information about this appliance can be called up and data can also be recevied. Data is relayed through the household 230 volt power supply and received by a master appliance or transmitted by a master appliance.
SuperVision appliance (master appliance) - Ovens - Pyrolytic ovens - Microwave combi ovens - Dishwashers - Steam ovens - Combi steam ovens	Receives and displays data from up to 11 signed on appliances. The display can show information such as programme duration and status, fault messages or operating tips for the following communication enabled appliances: washing machines, tumble dryers, dishwashers, fridges, freezers, fridge/freezers. A wine storage unit will be shown as a fridge. Sets the time for the Miele@home system.
InfoControl (master appliance) – XIC 2100 – XIC 2000	Receives and displays data from up to 8 signed on appliances. The display can display information such as programme duration and status, fault messages or operating tips for the communication enabled appliances. Sets the time for the Miele@home system.

_			
In	Installation instructions and conditions required		
_	A communication module must be fitted to each communication enabled appliance.		
_	The appliance must be fitted with a communication module.		
_	Appliances only need to be signed on to the Miele@home system once. Appliances can be signed on during the First installation of the Miele@home system. Appliances can be signed on at a later date to the master appliance, e.g. SuperVision appliance or InfoControl unit of an existing Miele@home system.		
_	The appliances remain signed on even if they are switched on.		
_	The SuperVision appliance must be fitted with Communication module XKM 2000 SV. The First installation of the Miele@home system only needs to be carried out		
_	once. The appliances remain signed on even if the SuperVision appliance is switched off.		
-	The First installation of the Miele@home system only needs to be carried out once.		
_	The appliances remain signed on even if the InfoControl unit is switched off. Information on a communication enabled hob can only be displayed on the InfoControl XIC 2100.		

Installation options

Please make sure you know how to use your Miele@home enabled appliances and the InfoControl unit (if present) before you start.

Please read the operating instructions supplied.

Please also observe the Warning and Safety instructions contained in the operating instructions.

The Communication module must be fitted to the Miele@home enabled appliances.

Please read these installation instructions carefully and keep them in a safe place for reference.

Select the correct installation option:

First installation		Installation at a later date	
	You have not yet installed the Miele@home system into your home and would like to connect it to the household power lines for the first time and also sign on communication enabled appliances to the system:		You have already installed the Miele@home system into your home and would now like to sign on a communication enabled appliance.
A	First installation of the InfoControl unit and signing on of the hob	D	Does not apply to this appliance
₿	First installation of the SuperVision appliance and signing on of the hob	E	Does not apply to this appliance
© First installation of the InfoControl unit, SuperVision appliance and		F	Signing on the hob to the InfoControl unit at a later date
	signing on of the hob	G	Signing on the hob to the SuperVision appliance at a later date

(A) First installation of the InfoControl unit and signing on of the hob

Switch the InfoControl unit on, select a language and set the time and the date (see the operating instructions supplied with the InfoControl unit).

First installation



■ Select "Yes" by pressing the ⊛ button on the base station.

Activation can take up to 2 minutes:



If acitvation is not successful, repeat the procedure. If this does not solve the problem, call the Miele Service Department.

Signing on the hob



■ Select "Yes" by pressing the ⊛ button on the base station.

Miele@home First installation

Miele@home Start signing on appliances

Start the signing on process on the **hob**. Induction hob KM 59**: see "KM 59**" All other hobs: please refer to the "Con@ctivity / Miele@home" section in the operating instruction manual for your hob.

During the signing on process, you will be asked to confirm the following on the **InfoControl** unit:



■ Press the ⊛ button on the InfoControl unit.

The InfoControl will register all the appliances being received one after the other:



If signing on is successful, the InfoControl display will show:



■ Select "Back" by pressing the ⊛ button.

If you do not press the "[®]" button to confirm, the display will go out after 10 minutes.

■ Confirm the signing on process on the **hob**.

B First installation of the SuperVision appliance and signing on of the hob

Before you can sign on the hob you will need to install the SuperVision appliance and start the signing on process (see the installation instructions for Miele@home).

 Start the signing on process on the **hob**. Induction hob KM 59**: see "KM 59**" All other hobs: please refer to the "Con@ctivity / Miele@home" section in the operating instruction manual for your hob.

During the hob signing on process, you will be asked to confirm the following on the **SuperVision appliance**:

Miele@home SuperVision After starting to sign all appliances on press the OK button

■ Confirm with "OK".

The SuperVision appliance will register all the appliances being received one after the other:



Miele@home First installation

If signing on is successful, the **SuperVision appliance** display will show:



- Confirm that signing on has been successful with "OK".
- Confirm the signing on process on the **hob**.

© First installation of the InfoControl unit and SuperVision appliance, signing on of the hob

Before you can sign on the hob you will need to switch on the SuperVision appliance and the InfoControl unit. Install Miele@home on the Info-Control unit (see the installation instructions for Miele@home).

Start the signing on process on the **hob**. Induction hob KM 59**: see "KM 59**" All other hobs: please refer to the "Con@ctivity / Miele@home" section in the operating instruction manual for your hob.

■ Now sign on the **SuperVision appliance**.

Miele@home Installation

- Install SuperVision for the first time
- Sign SuperVision on to Miele@home
- Sign appliance without SuperVision on
- Select the "Sign SuperVision on to Miele@home" option from the "Settings - Miele@home" menu.

Miele@home SuperVison

Sign SuperVision on?

Confirm with "OK".

During the signing on processes, you will be asked to confirm the following on the **InfoControl** unit:

```
After signing on
all appliances
press the
OK button
```

■ Press the [®] button on the InfoControl unit.

All appliances received will be registered:

- InfoControl display:



- SuperVision appliance display:



If signing on is successful,

- the SuperVision appliance display will show:

Miele@home SuperVision

Sign on successful

- Confirm with "OK".
- the **InfoControl** display will show:



■ Select "Back" by pressing the [⊛] button.

If you do not press the " \circledast " button to confirm, the display will go out after 10 minutes.

■ Confirm the signing on process on the **hob**.

(F) Signing on the hob to the InfoControl unit at a later date

- Press the I button on the mobile receiver to switch it on.
- Press the [®] button on the base station for longer. The **Menu** will then open:

Language 🏲	
Time	
Searching	
Buzzer	▼

■ Select "Appliances" with the the button and confirm your selection by pressing the button.

Back 🗬	
Sign on	
appliances	
Appl. search	

■ Select "Sign on appliances" with the the button and confirm your selection by pressing the button.



 Start the signing on process on the **hob**. Induction hob KM 59**: see "KM 59**"
 All other hobs: please refer to the "Con@ctivity / Miele@home" section in the operating instruction manual for your hob.

During the hob signing on process, you will be asked to confirm the following on the **InfoControl unit:**



■ Confirm with "OK".

Miele@home Installation at a later date

The InfoControl unit will register the appliance:



If signing on is successful, the InfoControl display will show:



■ Select "Back" by pressing the [®] button.

If you do not press the " \circledast " button to confirm, the display will go out after 10 minutes.

■ Confirm the signing on process on the **hob**.

G Signing on the hob to the SuperVision appliance at a later date

- Start the signing on process on the SuperVision appliance (see the installation instructions for Miele@home).
- Start the signing on process on the **hob**. Induction hob KM 59**: see "KM 59**"
 All other hobs: please refer to the "Con@ctivity / Miele@home" section in the operating instruction manual for your hob.

During the hob signing on process, you will be asked to confirm the following on the **SuperVision appliance**:

```
Miele@home SuperVision
After starting to sign all
appliances on press the OK button
```

■ Confirm with "OK".

The SuperVision appliance will register the hob:



If signing on is successful, the **SuperVision appliance** display will show:



■ Confirm that signing on has been successful with "OK".

■ Confirm the signing on process on the **hob**.

The signing off process must be carried out on the Miele@home master appliance and on the hob.

Signing off

- Switch on the Miele@home master appliance and start the signing off process (see the operating instructions for the relevant appliance).
- Carry out the signing off process on the hob. Induction hob KM 59**: see "KM 59**" All other hobs: please refer to the "Con@ctivity / Miele@home" section in the operating instruction manual for your hob.
- Confirm the signing off process on the Miele@home master appliance (see the operating instructions for the appropriate appliance).

Signing on

■ With the hob switched off, touch the hob ON/OFF sensor ① and the safety lock sensor 合 at the same time until the indicator for the safety lock flashes.

After the programming mode has been called up, *P* (Programme), *S* (Status) and numbers will appear in the cooking zone displays. These show the current settings.

- On hobs with 4 or more cooking zones touch the front left
 - + sensor and on hobs with **3 cooking zones** touch the **left**
 - + sensor until the following shows in the display
 - 0. (hobs with 9[17] power levels) or
 - 10 (hobs with 12[23] power levels).
- On hobs with 4 or more cooking zones touch the front right + sensor and on hobs with 3 cooking zones touch the rear right + sensor until a 2 appears in the display.

The signing on process will start and a "rotating" *o* will appear in the display. The signing on process will take a few minutes. As soon as it has been completed successfully, the Status *2* will appear in the display.

Touch the hob ON/OFF sensor ① until the displays go out to save the setting.

Signing off

■ With the hob switched off, touch the hob ON/OFF sensor ① and the safety lock sensor **①** at the same time until the indicator for the safety lock flashes.

After the programming mode has been called up, *P* (Programme), *S* (Status) and numbers will appear in the cooking zone displays. These show the current settings.

- On hobs with 4 or more cooking zones touch the front left
 - + sensor and on hobs with 3 cooking zones touch the left
 - + sensor until the following shows in the display
 - 0. (hobs with 9[17] power levels) or
 - 10 (hobs with 12[23] power levels).
- On hobs with 4 or more cooking zones touch the front right + sensor and on hobs with 3 cooking zones touch the rear right + sensor until a 1 appears in the display.

The signing off process will start and a rotating *o* will appear in the display. The signing off process will take a few minutes.

As soon as it has been completed successfully, the Status 1 will appear in the display.

Touch the hob ON/OFF sensor ① until the displays go out to save the setting. The hob can only be signed on when the communication module is in the correct position.

If the signing on process is unsuccessful, check first of all that the communication module is fitted correctly. If necessary, push the module into the slot until it clicks into position and then repeat the signing on procedure.

Message	Cause	Remedy
Activation failed.	There was a problem during activation.	 Repeat the First installation of the InfoControl unit.
Sign on failed.	The signing on procedure was not started on the hob.	Repeat the signing on procedure on the InfoControl unit and on the hob, see "Signing on the hob to the InfoControl unit at a later date".
	There was a problem during activation.	 Repeat the signing on procedure.

Messages in the InfoControl mobile receiver display

Other problems

Problem	Cause	Remedy
The hob does not appear in the list of signed on appliances.	The signing on procedure has not been carried out on the hob.	 Repeat the signing on procedure on the master appliance and on the hob.
	There was a problem with installing the SuperVision / InfoControl master appliance at a later date.	 Select the "Search for appliances" function on the master appliance.
	The hob is not suitable for displaying on the SuperVision appliance or the InfoControl unit.	 Refer to the chart in "Miele@home".

Problem	Cause	Remedy	
The signing on procedure on the hob has been unsuccessful.	The appliance signing on procedure has not been started on the master appliance.	 Repeat the signing on procedure on the master appliance and on the hob. 	
	There was a problem during the signing on procedure.	 Repeat the signing on procedure. 	
The signing off of the hob was successful but the hob still appears in the list of signed on appliances.	There was a problem during the signing off procedure.	 Repeat the signing off procedure on the hob. 	
The signing off on the master appliance was successful but the hob still appears in the list of signed on appliances.	The signing off procedure has not been carried out on the hob.	 Carry out the signing off procedure on the hob as well. 	
The signing off procedure on the hob has been unsuccessful.	There was a problem during the signing off procedure.	 Repeat the signing off procedure on the hob. 	

You cannot resolve the problem.

Please contact your Miele Dealer or the Miele Service Department.

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