



Planetary Mixer

Instruction manual



(NL) **Planetary Mixer**
Handleiding

(FR) **Planetary Mixer**
Mode d'emploi

(DE) **Planetary Mixer**
Bedienungsanleitung



(IT) **Planetary Mixer**
Manuale di istruzioni

(ES) **Planetary Mixer**
Manual de instrucciones

(PT) **Planetary Mixer**
Manual de instruções

Model • Modèle • Modell • Modello • Modelo • Malli:
GL190 / GL191 / GJ461

Safety Tips



THE PLANETARY MIXER IS A DANGEROUS APPLIANCE AND MUST ONLY BE USED BY TRAINED PERSONNEL IN ACCORDANCE WITH THESE INSTRUCTIONS



Position on a flat, stable surface.

- A service agent/qualified technician should carry out installation and any repairs if required. Do not remove any components on this product.
- Consult Local and National Standards to comply with the following:
 - Health and Safety at Work Legislation
 - BS EN Codes of Practice
 - Fire Precautions
 - IEE Wiring Regulations
 - Building Regulations
- Always stand BEHIND the safety guard when operating the appliance.
- DO NOT place hands near the rotating attachments when in use. This can result in severe injury.
- DO NOT remove food from the appliance until the mixing attachments have come to a complete stop.
- DO NOT immerse the appliance in water.
- DO NOT attempt to mix items that this machine is not designed for. This can damage the mixing attachments.
- DO NOT use with a damaged mixing attachment.
- DO NOT bypass the safety interlocks.
- Always switch off and disconnect the power supply to the appliance when not in use.
- NEVER leave the appliance unattended when in use.
- The appliance is heavy. Take care when moving.
- This appliance must only be used in accordance with these instructions and by persons competent to do so.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Keep all packaging away from children. Dispose of the packaging in accordance to the regulations of local authorities.
- If the power cord is damaged, it must be replaced by an BUFFALO agent or a recommended qualified technician in order to avoid a hazard.

Product Description

GL190 - 10 litre planetary mixer

GL191 - 20 litre planetary mixer

GJ461 - 30 litre planetary mixer

The BUFFALO Planetary Mixer is a freestanding machine that consists of a large bowl mounted below a motor and gearbox arrangement to which a mixing tool can be attached.

Introduction

The BUFFALO Planetary Mixer has been designed to mix a range of foodstuffs, varying from cream to dough.

Please take a few moments to carefully read through this manual. Correct maintenance and operation of this machine will provide the best possible performance from your BUFFALO product.

Pack Contents

The following is included:

- BUFFALO Planetary Mixer
- Spiral Dough Hook
- Whisk
- Mixing Bowl
- Beater
- Instruction Manual

BUFFALO prides itself on quality and service, ensuring that at the time of packaging the contents are supplied fully functional and free of damage. Should you find any damage as a result of transit, please contact your BUFFALO dealer immediately.

Installation

Ensure the location of the Planetary Mixer is capable of supporting its weight.

 **WARNING: The Planetary Mixer is very heavy, care must be taken when moving it.**

Assembly

 **WARNING: The bowl must be attached and raised into position prior to starting the Planetary Mixer.**

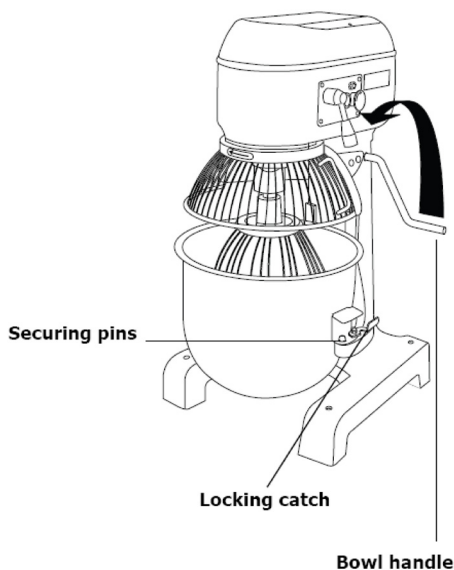
BUFFALO accept no responsibility for any injury caused by incorrect assembly of this appliance.

 **Note: Ensure the feet are level to reduce vibration during operation.**

Remove the appliance from all packaging.

Fitting/Removing the Bowl

1. Turn Off the appliance.
2. Open the safety guard by turning it to the left (GL190 & GL191) or lifting it above the mixer (GJ461).
3. Lower the bowl with the bowl handle.
4. Release the locking catches either side of the bowl.
5. Lift the bowl. The bowl is held in place by two pins securing the handles to the cradle and a hole at the back of the appliance which houses the lug on the bowl lip.
6. Reverse the procedure to fit the bowl.



Note: Ensure the handle is fully pushed back and the bowl is completely raised or the mixer will not work.



Note: Regularly grease the bowl lift mechanism to ensure smooth operation .

Changing the Mixer Attachment

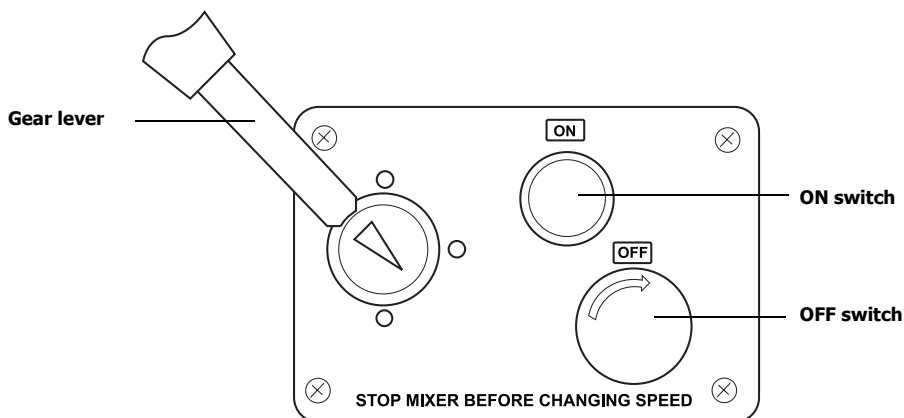
1. Turn Off the appliance.
2. Open the safety guard by turning it to the left (GL190 & GL191) or lifting it above the mixer (GJ461).
3. Lower the bowl with the bowl handle.
4. Push the mixer attachment up and to the left to release it.
5. Insert the desired attachment. Push up and to the right to lock it into place.
6. Raise the bowl.

BUFFALO recommend the following uses for each attachment:.

	Spiral Dough hook	Heavy mixes dough, pie pastry etc.	Suitable Gears: 1 Slow
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	Beater	Firm mixes light pastry, cake/biscuit mix, icings, fillings and mashed vegetables	Suitable Gears: 1, 2 Medium
	Whisk	Light mixes whipped cream, mayonnaise, egg whites, pancakes and soufflés	Suitable Gears: 1, 2, 3 Fast

Layout of Controls



ON button - Press to start the mixer.

OFF button - Press to stop the mixer. Twist clockwise to release and reset (GJ461 only).

GEAR LEVER - Use to adjust the speed of the mixer.

Operation

 **Note: Ensure that these instructions have been read thoroughly and the operation of the appliance is fully understood before use.**

All personnel must be fully trained on the operation and safety precautions of the Planetary Mixer.

Mixing

 **WARNING: Always ensure the appliance is turned off before placing hands in the mixing bowl.**

1. Open the safety guard.
2. Fill the bowl.
3. Select the desired speed and close the guard.

 **Note: BUFFALO recommend that you start with the slowest speed and increase the speed gradually as necessary. Ensure the safety guard is fully closed or the mixer will not work.**

4. Press the START button to begin mixing.

 **Note: If the appliance is straining to mix then turn the appliance Off and remove some of the contents of the bowl before restarting.**

Mixing Capacity

Model	Bowl Volume	Max Flour	Max Dough
GL190	10l	2kg	3.2kg
GL191	20l	5kg	8kg
GJ461	30l	7.5kg	11.3kg

Changing Mixing Speed

 **Note: ALWAYS stop the mixer before attempting to change the mixing speed.**

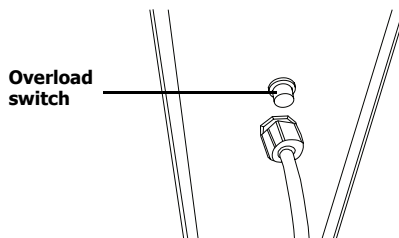
With the appliance turned Off:

1. Select the required gear using the gear change lever.
2. Restart the appliance.

Overload Switch

The Overload switch is situated at the back of the machine beside the cable entry. If the appliance becomes too hot the Overload switch will stop the machine automatically. If this happens:

1. Turn Off the mixer.
2. Reduce the load in the mixing bowl.
3. Push the Overload switch back in to reset it.
4. Allow the appliance to cool for 20 minutes.



 **Note: In the event of a power cut the Overload switch will cut in to prevent the appliance from restarting automatically when power is restored.**

 **Note: Always disconnect the Planetary Mixer from the mains powers supply when not in use.**

Cleaning, Care & Maintenance

- Always turn off the mixer and disconnect from the power supply before cleaning.
- Use warm soapy water to clean the bowl and mixing attachments. Do not use abrasive cleaning chemicals as these can leave harmful residues.
- Clean the exterior of the appliance with a damp cloth.
- Dry all parts thoroughly after cleaning.
- Do not use jet/pressure washers to clean the appliance.
- Clean the appliance regularly.

Troubleshooting

If your BUFFALO appliance develops a fault, check the following table before making a call to the Helpline.

Fault	Probable Cause	Action
The appliance is not working	The unit is not switched on	Check the unit is plugged in correctly and switched on
	The Stop button not released (GJ461)	Turn button clockwise to release
	Plug and lead are damaged	Call BUFFALO agent or qualified Technician
	Fuse in the plug has blown	Replace the fuse
	Power supply	Check power supply
	The overload switch has activated	See overload switch information in the Operation section of this manual
	Safety Guard not closed	Close Safety Guard fully
	Appliance not in gear	Put in gear
	Bowl not fully raised	Ensure the Bowl lever is pushed back fully
Bowl will not fit back in to place	Bowl pins or surrounding area clogged with mix	Clean the appliance
The appliance is overheating	The mixing bowl is overloaded	Turn off the appliance and empty some of the contents
	The appliance has been operating for too long	Turn off the appliance and allow to cool down for 30 minutes
The appliance is noisy	Bowl or mixing attachment not correctly fitted	Remove and refit bowl/mixing attachment
	Worn bearings/damaged gears	Call BUFFALO agent or qualified Technician
The mixing attachment fails to rotate properly	The belt has become loose	Call BUFFALO agent or qualified Technician
Cannot select gear	Gearing cogs misaligned	Turn Off appliance and manually turn the whisk attachment slightly. Select the gear again.

Technical Specifications

Model	Voltage	Power	Current	Dimensions h x w x d mm	Weight	Bowl Volume
GL190	230V 50Hz	550W	1.8A	610 x 395 x 395	38kg	10l
GL191	230V 50Hz	1100W	4.7A	794 x 555 x 558	112kg	20l
GJ461	230V 50Hz	1500W	6.5A	1142 x 579 x 611	170kg	30l

Electrical Wiring GL190, GL191

This appliance is supplied with a 3 pin, moulded, BS1363 plug and lead, with a 13 amp fuse as standard.

The plug is to be connected to a suitable mains socket.

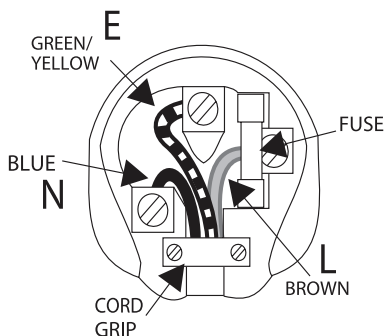
This appliance is wired as follows:

- Live wire (coloured brown) to terminal marked L
- Neutral wire (coloured blue) to terminal marked N
- Earth wire (coloured green/yellow) to terminal marked E

This appliance must be earthed, using a dedicated earthing circuit.

If in doubt consult a qualified electrician.

Electrical isolation points must be kept clear of any obstructions. In the event of any emergency disconnection being required they must be readily accessible.



Electrical Wiring GJ461

GJ461 is supplied unplugged and requires hardwiring to a suitable electrical power supply with a 16 amp rated fuse.

This appliance is wired as follows:

- Live wire (coloured brown) to terminal marked L
- Neutral wire (coloured blue) to terminal marked N
- Earth wire (coloured green/yellow) to terminal marked E

This appliance must be earthed, using a dedicated earthing circuit.

Electrical isolation points must be kept clear of any obstructions. In the event of any emergency disconnection being required they must be readily accessible.

Connection to a suitable power supply should only be carried out by a qualified and competent electrical engineer.

Compliance

The WEEE logo on this product or its documentation indicates that the product must not be disposed of as household waste. To help prevent possible harm to human health and/or the environment, the product must be disposed of in an approved and environmentally safe recycling process. For further information on how to dispose of this product correctly, contact the product supplier, or the local authority responsible for waste disposal in your area.



BUFFALO parts have undergone strict product testing in order to comply with regulatory standards and specifications set by international, independent, and federal authorities.

BUFFALO products have been approved to carry the following symbol:



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