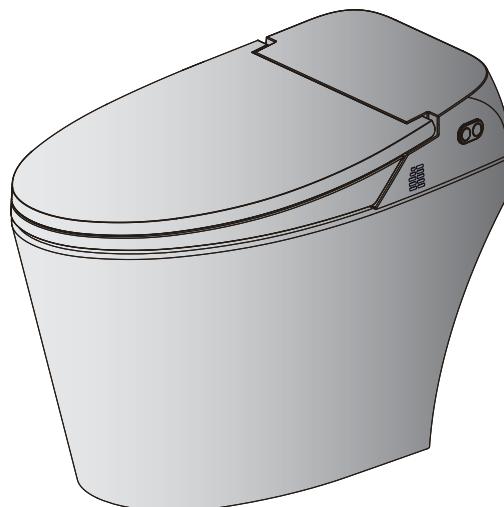


Personal Hygiene Appliance, Electric Bidet Seats



NB-R1773

Contents

Read all operating instructions
before installation and use.

Please save this operating instruction manual
and place in an easily accessible location.

External appearance and specifications are subject to
change for improvement of product without notice.

Important Safeguards	1~3
Parts Identification & Accessory	4~6
Basic Instructions	7
Functions & Operation	8~14
Installation	15~18
Trial Operation	19
Maintenance	20~23
Troubleshooting	24~25
Product Specifications	26
Warranty	27

Important Safeguards

READ ALL INSTRUCTIONS BEFORE USING.

DANGER To reduce the risk of electrocution.

- Do not use while bathing.
- Do not place or store product where it can fall or be pulled into a tub or sink.
- Do not place in or drop into water or other liquid.
- Do not reach for a product that has fallen into water. Unplug immediately.

WARNING To reduce the risk of burns, electrocution, fire or injury to persons.

- Close supervision is necessary when this product is used by, on, or near children or invalids.
- Use this product only for its intended use as described in this manual.
Do not use any attachments unless recommended by the manufacturer.
- Never operate this product if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or dropped into water.
Return the product to a service center for examination and repair.
- Keep the cord away from heated surfaces.
- Never block the air openings of the product or place it on a soft surface, such as a bed or couch, where the air openings may be blocked. Keep the air openings free of lint, hair, and the like.
- Never use while sleeping or drowsy.
- Never drop or insert any object into any opening or hose.
- Do not use outdoors. or operate where aerosol(spray) products are being used or were oxygen is being administered.
- Connect this product to a properly grounded outlet only.
See Grounding Instructions.
- Any other servicing should be performed by an authorized service representative.
- Do not dismantle, repair, or alter the unit.
- Do not pour or spray water on to the unit.
- The unit must be grounded.
- Do not touch the power plug with wet hands.
- Properly connect the power cord to the electrical outlet corresponding to the rated voltage of the unit.
- Do not use damaged or loose power cord.
- Do not use steam cleaner.
- Keep the unit away from fires or inflammable substance.
- Do not connect to the industrial water supplies.
- Do not connect other electrical appliances to the same power socket connected to the unit.
- Replace damaged power code and plug by authorized service center.
- Caution against low temperature burns.
- Before removing the unit from the toilet bowl, disconnect the power plug first.

Important Safeguards

CAUTION To reduce the risk of injury to persons or damage to the product or the property.

- **Do not place heavy objects or step on the unit.**
It may cause product damage or injury.
- **When cleaning the unit, do not use any chemicals. Clean the unit with moist, well-wrung soft cloth. For excessive stains, use soft cloth moistened with mild dish-wash detergent and wipe out with dry cloth.**
It may cause product damage.
- **Do not slam down the lid.**
It may cause product defect.
- **Do not lean on the lid.**
It may cause product defect.
- **When not in use for a long period of time, disconnect the power plug.**
- **Do not twist or pull the connection hoses.**
It may affect water supply or cause water leakage.
- **Do not cover up the warm air outlet or insert hands or other objects.**
It may cause burn or electric shock.
- **Do not operate the unit during product malfunction.**
Disconnect the power plug and call the authorized service center.
It may cause fire or electric shock if the unit is operated while it is out of order.

SAVE THESE INSTRUCTIONS

INFORMATION TO THE USERS

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

WARNING

Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Important Safeguards

GROUNDING INSTRUCTIONS

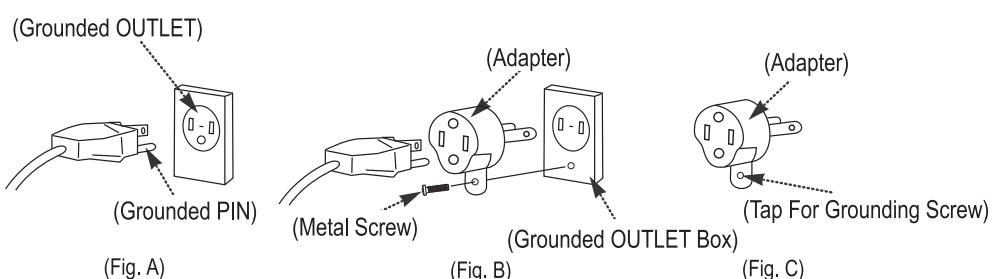
- This product should be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electric current. This product is equipped with a cord having a grounding wire with a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded.

DANGER - Improper use of the grounding plug can result in a risk of electric shock.

If repair or replacement of the cord or plug is necessary, do not connect the grounding wire to either flat blade terminal. The wire with insulation having an outer surface that is green with or without yellow stripes is the grounding wire.

Check with a qualified electrician or serviceman if the grounding instructions are not completely understood, or if in doubt as to whether the product is properly grounded.

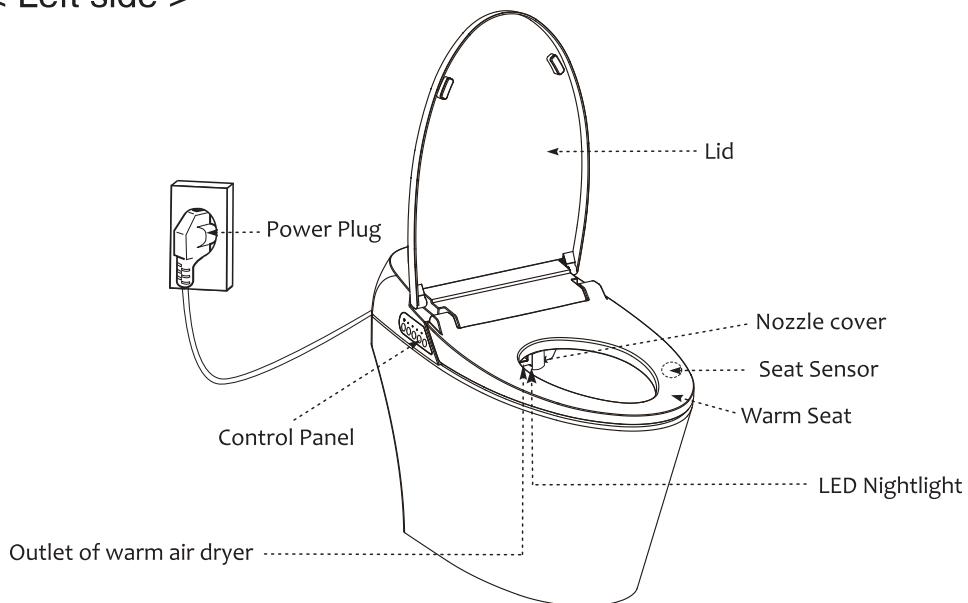
- This product is for use on a nominal 120 V circuit, and has a grounding plug that looks like the plug illustrated in Figure A. A temporary adapter, which looks like the adapter illustrated in Figure B and C, may be used to connect this plug to a 2-pole receptacle as shown in Figure B if a properly grounded outlet is not available. The temporary adapter should be used only until a properly grounded outlet (Figure A) can be installed by a qualified electrician. The green colored rigid ear, lug, and the like extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box cover. Whenever the adapter is used, it must be held in place by the screw.
- If it is necessary to use an extension cord, use only a three wire extension cord that has a three-blade grounding plug, and a three-slot receptacle that will accept the plug on the product. Replace or repair a damaged cord.



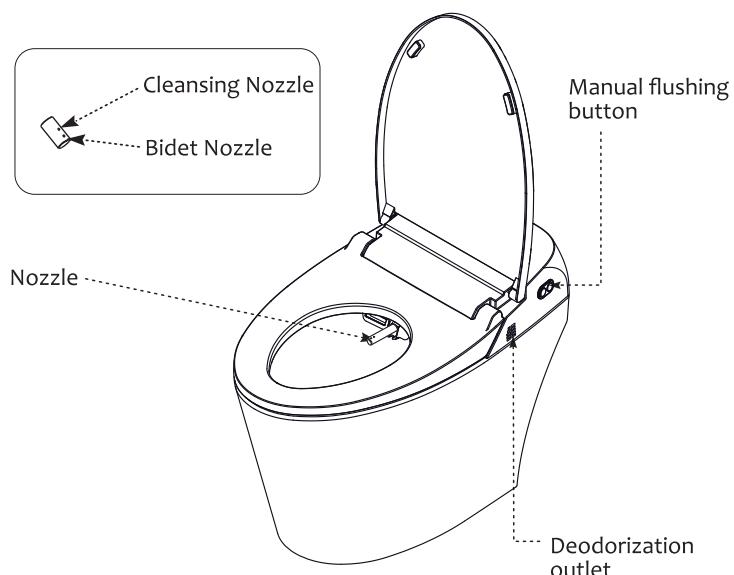
Parts Identification

Main unit

< Left side >

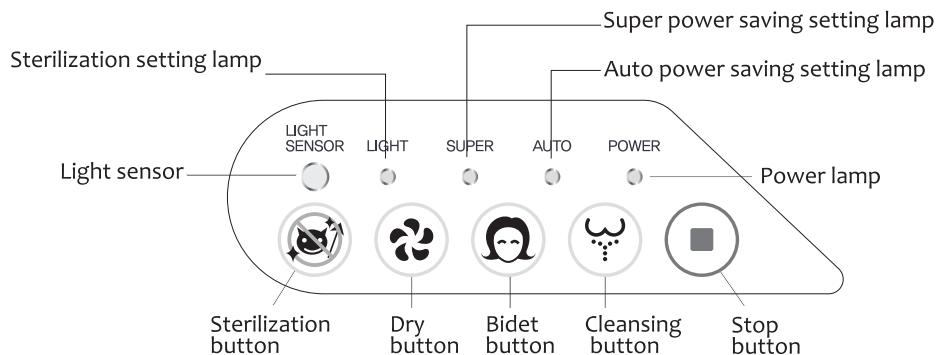


< Right side >

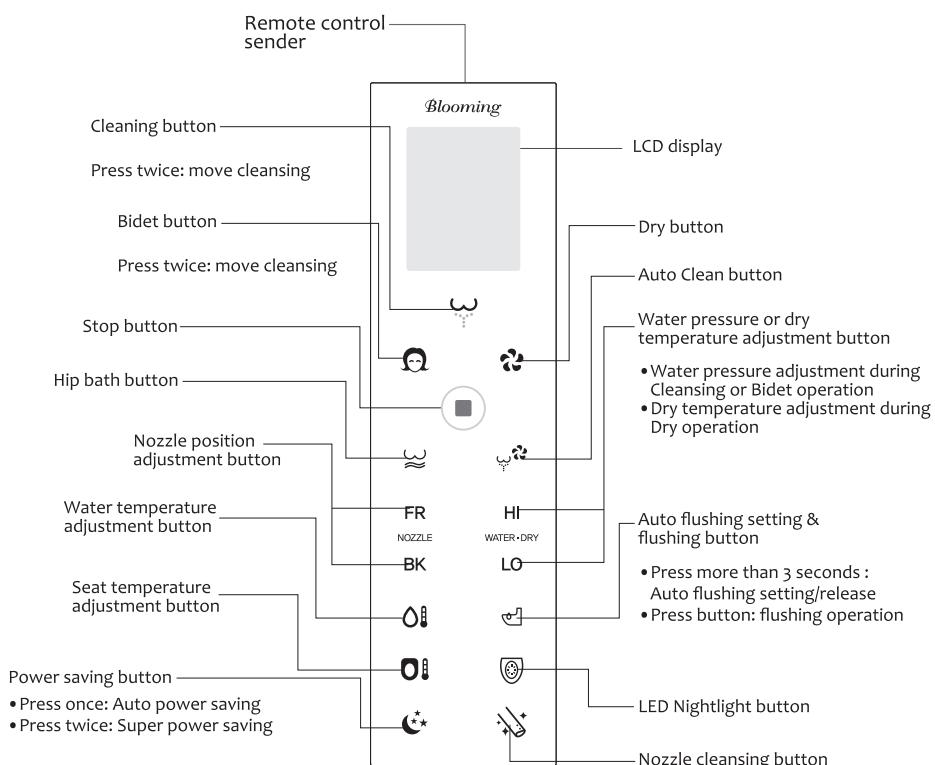


Parts Identification

Control Panel



Remote control



Parts Identification

Accessory Parts

T-valve



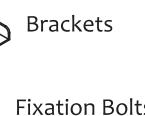
A1



A2



B1



Fixation Bolts

Front installation cap



B2



C1



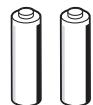
Fixation Bolts

Packing

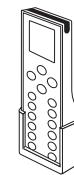
Washrs

Nuts

Batteries



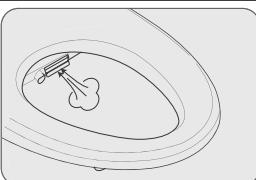
Remote control & Holder



Basic Instructions

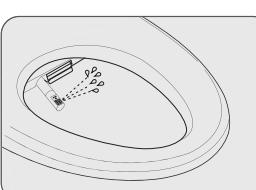
- The buttons on the body are the supplementary buttons to be used in case of emergency and thus water pressure adjustment and dry temperature adjustment are not allowed. To use the adjustment function, press the corresponding buttons on the remote control again and use the adjustment button.
- The icons on the LCD display is shown only by operating remote control not by operating control panel on the body of a unit.
- Do not drop it, spill on it. It will cause damage and problems.

1 Sit on the seat



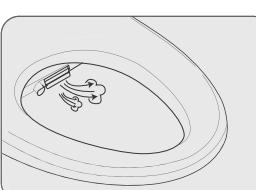
- Sit in center.
- If seat sensor is occupied, 'beep' sounds.
Upon seat is occupied, the deodorization function operates automatically.

2 Press the "CLEAN" or "BIDET" button



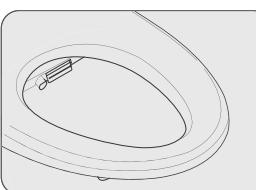
- (BIDET) or (CLEAN) icon is shown on the LCD display of a remote control.
- Operate either the "CLEAN" or the "BIDET" function. Each function operates for 90 seconds.
- Move cleansing runs by pressing "CLEAN" or "BIDET" button while using.
- It beeps if cleansing or bidet cleansing function is over.

3 Press the "DRY" button



- Dryer function begins to operate with the indication of (DRY) on the LCD display of a remote control.
- Dryer function will operate for 3 minutes.
- It beeps if dryer function is over.
- Drying operation can be maximized by gently wiping wet area with toilet paper.

4 Press the "STOP" button



- (CLEAN) or (BIDET) or (DRY) icon goes out on the LCD display of a remote control.
- Stops all operating functions.

- When sitting on the seat, sit in the center so that seat sensor can operate well.
(If seat sensor is not sensed, the function of Clean, Bidet, Dry, Auto Clean, Child does not operate.)
- The seat sensor of this product is located inside the seat. If the skin of human body touches this seat sensor, the sensor operates.
If the seat surface is covered with a cover, the skin does not touch the sensor, and thus the sensor may not operate.

Functions & Operation

Move(Oscillating Wash)

- Move cleansing runs by pressing "CLEAN" or "BIDET" button while cleansing or bidet cleansing.
- Nozzle stops by pressing "CLEAN" or "BIDET" button again.

Massage

- Press massage button and pulsating function runs while cleansing or bidet function are running.
- Massage function stops by pressing "MASSAGE" button again.

Nozzle Position Adjustment

- Press the "FR" or "BK" button to adjust the nozzle position during "BIDET" or "CLEAN" function.
- It returns to the first middle position when finishing and moving away the seat.

Water Pressure Adjustment

- The unit remembers the last water pressure settings.
- Water pressure can be adjusted by pressing the "HI" or "LO" button.(When controlling with remote control)(Just 3rd level is available and cannot control the water pressure if using button on the unit control panel)

Indication of water pressure Level on a remote control



Level 1 Level 2 Level 3 Level 4 Level 5

Warm Air Dryer Temperature Adjustment

- The unit remembers last warm air temperature settings.
- Press "HI" or "LO" button to adjust the temperature of the warm air.

Indication of warm Air Dryer Temperature Level

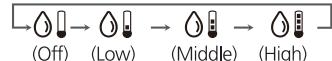


Level 1 Level 2 Level 3 Level 4 Level 5

Functions & Operation

Water Temperature Adjustment

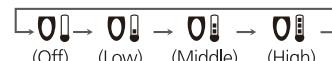
- Press the "WATER TEMP." button to adjust the water temperature level.
Select the desired level.



Indication of water temperature Level on a remote control

Warm Seat Temperature Adjustment

- Press the "SEAT TEMP." button to adjust the seat temperature level.
Select the desired level.



Indication of warm seat temperature Level on a remote control

※ The unit remembers the water and seat temperature settings even if the power is shut off

If the water temperature and seat temperature is set more than "LO" level, the water temperature lamp and the seat temperature lamp on the body are ON.

Auto Clean

- Press "AUTO CLEAN" button and AUTO on remote control LCD window is ON.
During the Cleansing operation,  is flickered and during the DRY operation,  is flickered
- Consecutive operations of MOVE CLEANSING for 90 seconds and DRY for 3 minutes.
(According to the user's preference, water pressure, nozzle position and temperature can be adjusted.)
- When AUTO CLEAN ends, "beep" sounds.

Deodorization

- Deodorizing function automatically runs when occupying the seat. Sound of deodorization running appears.
- When moving away from the seat, deodorizing function runs for 1 minute more and stops automatically.
(When occupying the seat for over 30 minutes, it runs for 30 minutes and stops)

Functions & Operation

Hip bath

- Operating for 3 minutes with move function by the auto setting of "Lo" level of water pressure and "Hi" level of water temperature.
(Water temperature and water pressure(Lo – Mid.) can be adjusted by the user preference.)
- During the hip bath function, user can turn on or off the move function by pressing "HIP BATH" button.
- When hip bath function is finished or if pressing "STOP" button, the setting returns to the condition of pre-setting of hip bath.

Auto Power Saving

- Locate the LED indication at "AUTO" position by pressing "POWER SAVING" button.
- It maintains 30 °C(86 °F) for warm water and seat temperature each in the auto power saving mode
- Auto power saving function is temporarily released, when sitting on the seat
- Auto power saving function runs again, when moving away from the seat.
- To cancel auto power saving function, press "POWER SAVING" button, then LED indication goes OFF.

Super Power Saving

- Locate the LED indication at "SUPER" position by pressing "POWER SAVING" button.
- Bidet sense toilet luminosity for itself and shows excellent power saving efficiency in the super power saving mode.
- Water and seat temperature maintain normal temperature in the super power saving function and power saving mode is temporarily released when toilet lighting goes ON.
- It returns to normal mode from power saving mode even if occupying the seat in dark condition.
- To cancel super power saving function, press "POWER SAVING" button, then LED indication goes OFF.

Power On/Off

- Press the "STOP" button for more than 4 seconds and then the power indication light goes off. Unit will power off completely.
- Press any button except "Hi", "Lo", "FR", "BK" and "MASSAGE" buttons on the remote control, then power goes ON lighting up the "POWER" LED.
- The unit remembers all of the prior settings in spite of an electrical outage so no need to reset functions after power is back.

Functions & Operation

LED Nightlight

- LED Nightlight activates by pressing "LIGHT" button and LED Nightlight function runs automatically when getting dark. To cancel the LED Nightlight function, press "LIGHT" button again and LED goes OFF.
- When LED Nightlight function runs, Bidet senses automatically toilet light and LED Nightlight goes on. User can use conveniently bidet without toilet light.
- Electric power consumption is little and use the LED Nightlight function without care about the electric charge.

Nozzle Cleaning

- Press the "NOZZLE CLEANING" button on the remote control. The nozzle comes out and stops.
- Clean the nozzle manually with a soft brush. Press the "NOZZLE CLEANING" or "STOP" button and the nozzle return to its storage position, then self-cleaning function is operated. If the button is not pressed, the nozzle retracts automatically after 2 minutes.

Burn protecting system at the low temperature

- Seat temperature goes down in case the temperature position is "HI" when sitting on the seat for over 30 minutes. (May cause burns at the low temperature in case sitting on the seat for a long time.)
- It returns to set point when resetting or moving away from the seat.

Self Nozzle Cleaning

- Before and after each operation, the self nozzle cleaning function runs and sanitizes the nozzle head

Functions & Operation

Auto Flushing function

- Automatic flushing setting/release:
Press 「FLUSH」 button more than 3 seconds to set/release AUTO FLUSH.
When setting,  on LCD is ON &  is OFF if released.
- When AUTO FLUSH is set: if you leave the seat, the flushing function operates automatically.
It operates when the seating time (seating sensor ON time) is more than 4 seconds only.
- After flushing, the tank of toilet shall be filled with water about for 40 seconds (it depends on water supply condition).
Do not run FLUSH while the tank is filled with water.
- In case of electric shutdown, AUTO FLUSH function does not operate. Use MANUAL FLUSH.
- If the electric shutdown occurs while AUTO FLUSH operates:
Water flows into a toilet continuously as FLUSH does not return. In this case,
close the water supply valve and stop using until the electricity will be recovered.

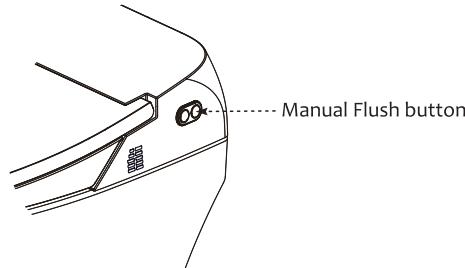
Button Flush function

- Press 「FLUSH」 button and flush function operates.
Press the button regardless of AUTO FLUSH setting and seating, The function operates by button press.
- After flushing, the tank of toilet shall be filled with water about for 40 seconds (it depends on water supply condition).
Do not run FLUSH while the tank is filled with water.
- In case of electric shutdown, AUTO FLUSH function does not operate. Use MANUAL FLUSH.
- If the electric shutdown occurs while BUTTON FLUSH operates: Water flows into a toilet continuously as FLUSH does not return.
In this case, close the water supply valve and stop using until the electricity will be recovered.

Functions & Operation

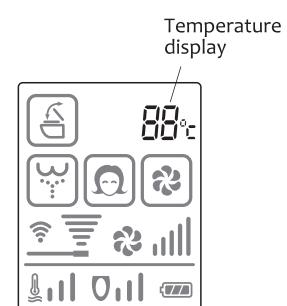
Manual Flush

- In case of electric shutdown (AUTO FLUSH or BUTTON FLUSH does not operate) or when it is not allowed to use the remote control, use MANUAL FLUSH.



Temperature Display Function

- Temperature is displayed on remote control LCD. It displays the temperature of place where the remote control is installed.
- As the temperature is measured by the sensor installed inside the remote control, there may be a difference from the actual temperature of the place where the remote control is installed.



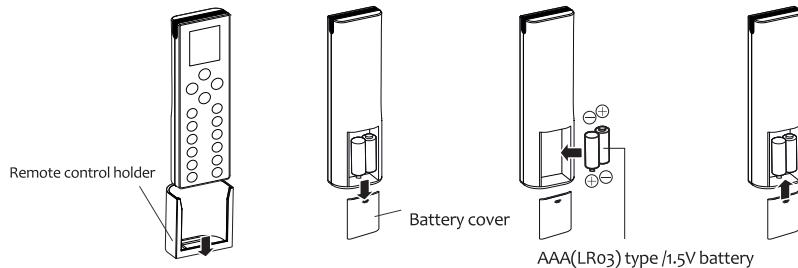
Sterilization

- Press the "STERILIZATION" button to sterilize the water flow path inside the product.
- Press the "STERILIZATION" button to sterilize the surface of the nozzle.
- Please wait until the sterilization function is finished

Functions & Operation

Changing batteries of remote control

- While not in use, LCD display is designed to automatically go out for battery saving. For about 4 minutes, any button is not pressed, LCD display goes out automatically.
- Please change the used batteries into new ones when " icon blinks.
The battery life cycle is estimated for about one year. (According to the using condition, the battery life cycle can be changeable.)
Battery type : AAA size Alkaline (LR03) battery, 2ea
1. Separate the remote control from the remote control holder.
2. Open the battery cover and change to new batteries. (Battery life time : about 1 year)
3. Close the battery cover and insert the remote control into the remote control holder



Caution

- Battery type to be inserted is AAA(LR03) /1.5V. Risk of explosion if battery is replaced by an incorrect type.
Dispose of used batteries according to the instruction.
- Insert the batteries according to the (+), (-) indications marked on the remote control.
- Do not use the used battery and new one together.

FCC ID: 2ASMT-NB-R1773

※ This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions : (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operations.

RF Exposure Statement

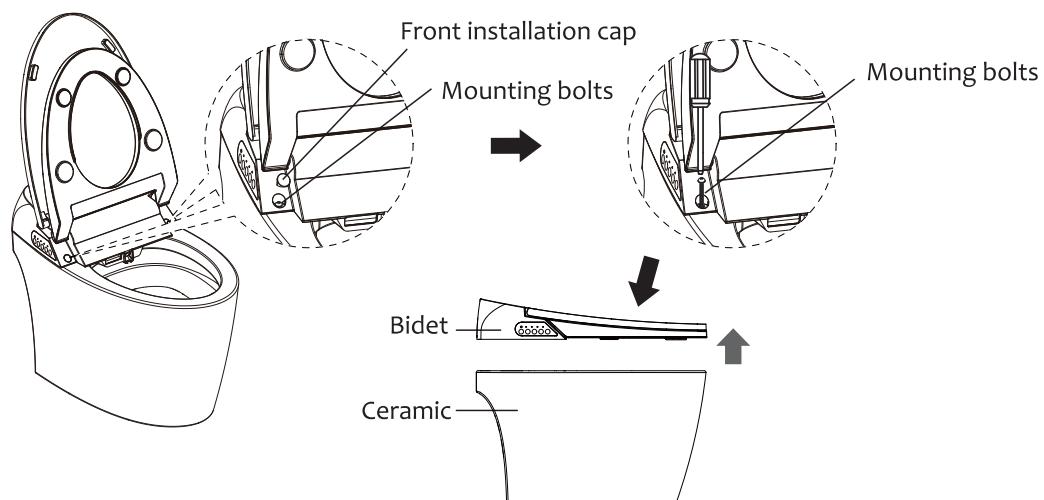
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment

Installation

Separation of the bidet from the ceramic

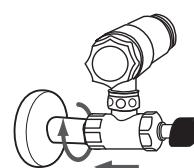
Separate the bidet from the ceramic before the installation if they are connected

1. Take the front installation cap out and Unfasten the mounting bolts at the front of bidet
2. Separate the bidet by lifting up
3. Keep the front installation cap and mounting bolts. They should be used again when installing the bidet.

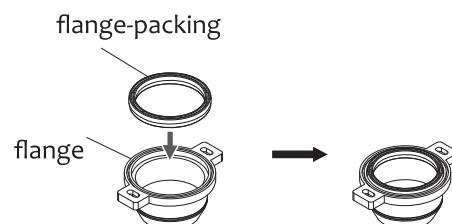


Installation of ceramic

- 1 Connect the Angle-valve at the Shut-off valve

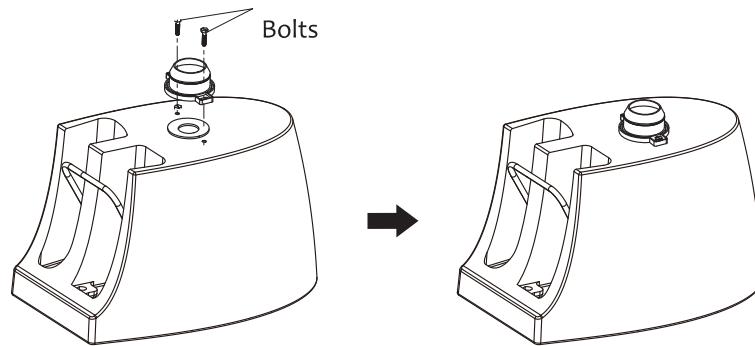


- 2 Insert the flange-packing into the flange

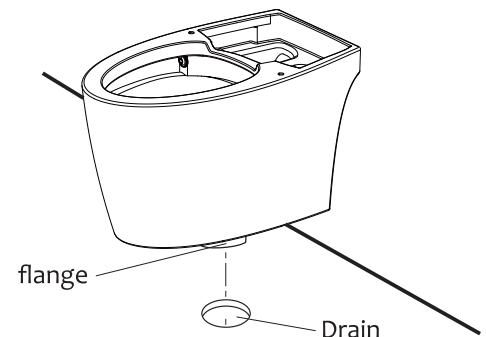


Installation

③ Turn the ceramic over. Place the flange at the bottom of ceramic and insert the bolts
Assemble the flange and ceramic with packing nuts.



④ Lift up the ceramic and fix the flange at a drain.
Set the ceramic at level not to lean when fixing the flange.
• Ceramic is heavy. Recommend 2 workers when lifting up the ceramic.

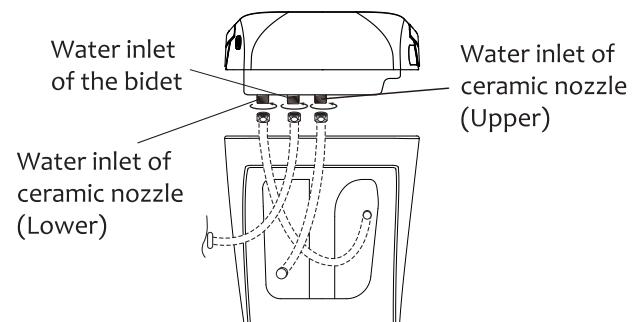


Installation

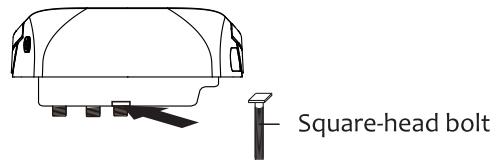
Installation of Bidet

1 Connect the nozzle hoses (Upper, Lower each) to the water inlets

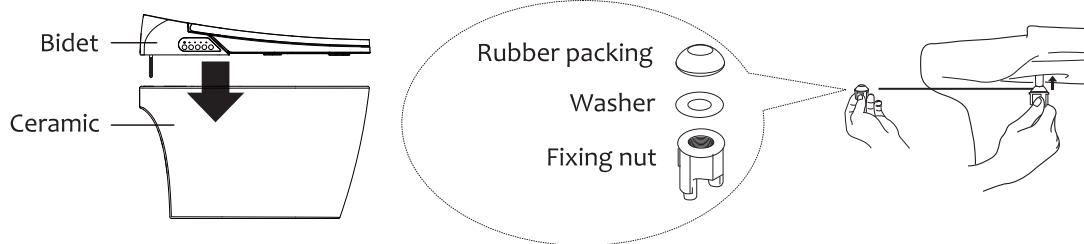
2 Connect the bidet hose to the water inlet of the bidet



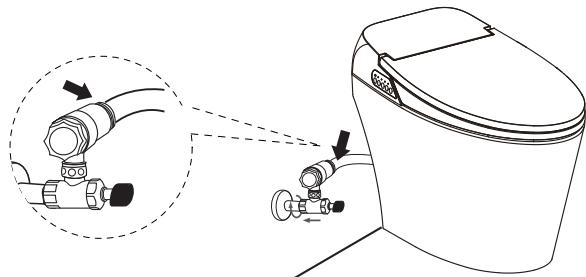
3 Insert a square-head bolt to the groove at the bottom of the bidet.



4 Insert the square-head bolt into an installation hole on the ceramic. Fix the bolt with rubber packing, washer

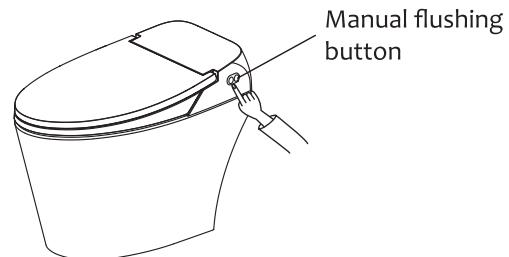


5 Connect the bidet hose to the Angle-valve

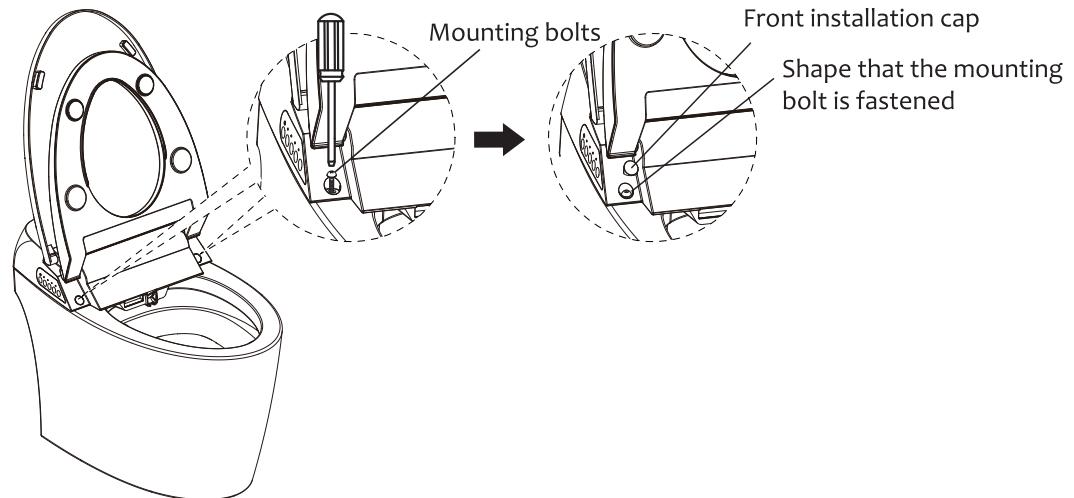


Installation

6 Open the shut-off valve.
Check the flushing condition
by pushing manual flushing buttons
(Upper, Lower both)



7 Fasten the mounting bolts as shown at below illustrations to fix the bidet at the ceramic.
Cover the front installation caps.
• Fasten the mounting bolts tightly with screw driver



8 Check any water leakage from the bidet and
ceramic with Trial Operation at 22nd page.
Apply Silicone sealant to the bottom of the ceramic.
• Recommend to use the product 24 hours later to have
the Silicone sealant wholly dried.

