

# **Dishwasher** Instruction Manual

Model : JHDWSD7SS



Please read this manual carefully before using your dishwasher, and keep it for future reference.

# QUICK USER GUIDE

# • Starting A Wash



# • After The Wash

The drying fan may continue to run for a set time after that the washing cycle is over or until the drawer is open.

For best drying result, we recommend to unloading the dishes when they have cooled down.

# **NOTE:**

- Reviewing the section on **TROUBLESHOOTING TIPS** will help you solve some common problems by yourself.
- If you cannot solve the problems by yourself, please ask for help from a professional technician.
- The manufacturer, following a policy of constant development and updating of the product, may make modifications without giving prior notice.
- If lost or out-of-date, you can receive a new user manual from the manufacturer or responsible vendor.

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# **SAFETY INSTRUCTIONS**

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# READ ALL INSTRUCTIONS BEFORE USE

It is your responsibility to use caution when installing, maintaining, and operating your dishwasher. We will not be liable for any damage resulting from improper use.

This is the safety alert symbol. This symbol alerts you to potential hazards that can result in property damage or serious bodily harm, even death.

The safety alert symbol will be followed by either the word "WARNING" or "CAUTION" then an important safety message. These words mean:



CAUTION

Indicates the possibility of serious bodily harm or death.

Indicates the possibility of injury or damage to property.

# **Basic Safety Precautions**

- This appliance is intended to be used in household and similar applications such as:
  - staff kitchen areas in shops, offices and other working environments;
  - farm houses;

- by clients in hotels, motels and other residential type environments;
- bed and breakfast type environments.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge providing they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children should not play with the appliance. Cleaning and user maintenance should not be done by children without supervision.(For EN60335-1)
- 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 regarding the use of the appliance by a person responsible for their safety. (For IEC60335-1 )
- Packaging material could be dangerous for children!
- This appliance is for indoor household use only.
- To protect against the risk of electrical shock, do not immerse the unit, cord or plug in water or other liquid.
- Unplug before cleaning and performing maintenance on the appliance.
- Do not put downward force on either opened drawer prior to the dishwasher being fully installed. It will be unstable and may tip forward.

- Do not use the dishwasher before it is fully installed as per the Installation Instructions. It will be unstable and be likely to tip forward.
- Do not operate the dishwasher without all the enclosures fixed in place.
- The sharp edges of knives and utensils with sharp points should not face upwards.
- Some dishwasher detergents are strongly alkaline. They can be extremely dangerous if swallowed. Avoid contact with the skin and eyes and keep children away from the dishwasher when the door is open.

Check that the detergent receptacle is empty after completion of the wash cycle.

The door should not be left open position since this could present a tripping hazard.

- When emptying the dishwasher, check that all the detergent has been dissolved.
- The inlet water hose supplied must be used. Do not reuse a used or old hose.
- The power cable must be safely routed. If it is ever damaged, it must be replaced with a similar item by a registered electrician.
- An earthed 3 pin socket must be used. Consult a registered electrician if there is doubt regarding the earth connection.

# • Product Disposal

- The packaging can be recycled.
- If the product is to be disposed of, do this responsibly at your local Council Waste Depot.



• DISPOSAL: Do not dispose this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary.

# **PRODUCT DESCRIPTION**

#### **IMPORTANT:**

To get the best performance from your dishwasher, read all operating instructions before using it for the first time.

# **Product Overview**



# • Control Panel



### **Operation (Button)**

1	Power	Press this button to turn on your dishwasher, the screen will light up.
2	Dry&Fresh	<ul> <li>For removing bad odor and moisture even when dishes are left longer time in the baskets.</li> <li>A) when selected this option will start to run at the end of the washing cycle, its indicator will blink.</li> <li>B) Press and hold the <b>Option</b> button for 3s, when dishwasher is on, for let the option run immediately.</li> </ul>
3	Program selector	Press this button to select the appropriate washing program, the selected program indicator will light up.
4	Option selector	Press the button to select a option, corresponding indicator (づ) will be lit.
5	Delay start	Press the button to increase the delay start time. Delay a cycle for up to 24 hours in one-hour increments. After setting the delay time, press the <b>Start/Pause</b> button to start.

6 Child lock	This option allows you to lock the buttons on the control panel, so children cannot accidently start the dishwasher by pressing the buttons on the panel. Only the <b>Power</b> button and <b>Drawer</b> <b>selector</b> button remains active. To lock or unlock the buttons on the control panel, press and hold the <b>Option</b> button+ <b>Delay</b> button for 3 seconds simultaneously.
7 Start/Pause	To start the selected washing program or pause it when the dishwasher is operating. When the dishwasher is running, if you need to open the drawer, please press the "Start/Pause" button first and wait a few seconds, then open the door slowly.

## Display

	A	Auto Auto sensing wash, lightly, or heavily soiled crockery, with or with out dried-on food.
	Ţ	Intensive For heaviest soiled crockery, such as pots, pans, casserole dishes and dishes that have been sitting with dried food on them for some time.
Washing	ECO	ECO For normally soiled loads, such as pots, plates, glasses and lightly soiled pans, standard everyday cycle.
program	D	<b>Heavy</b> For heavily soiled loads, such as pots, plates, glasses and lightly soiled pans.
	<i>=C</i> 58'	Wash&Dry For lightly soiled plates and pans that need a quick wash.
	-0	Super Fast A shorter wash for lightly soiled loads that do not need drying.
	Ŭ	<b>Delicate</b> For fragile items such as fine china and glassware.

## Display

<b>9</b> Screen Show the operating drawer, time reminding, delay time, error code etc, child lock indication.			
10 Extra Dry	For better drying result. (It can only be used with Intensive, ECO, Heavy, Wash&Dry, Delicate)		
11 Warning	<ul> <li>→ Water Supply Failure         If the " → " indicator is lit, it means that no water is         reaching the dishwasher.     </li> <li>※ Rinse Aid         If the " ※ " indicator is lit, it means the dishwasher is low         on dishwasher rinse aid and requires refilling.     </li> </ul>		

### Washing progress



# USING YOUR DISHWASHER

Before using your dishwasher :



- 1. Removing the larger residue off the wash items
- 2. Loading the basket
- 3. Loading the detergent
- 4. Filling the rinse aid dispenser

# , Basket Use Tips

There are many ways to adjust the loading pattern of the basket.

#### Removing the **r**e**ar rack**

The rear rack can be removed to create a flat surface for such things as pots and pans.



#### Folding down the pins

- The spacing between the pins can be increased by folding them down. This will help the loading of large bowls and deep pot and pans. Folding down the pins, the maximum size 290mm plates can be loaded..
- The pins on the front rack can also be folded down to create a flat space. Do not load the basket with the front rack removed. It is removable only to allow access to the filters for servicing. The risk is too great because item could fall in the
- open space and damage the rotating spray arm. If returning the rear rack, be sure to firmly set it into it's correct place.













### Using the cup racks

Cups and glasses and large utensils fit on the cup racks. The fronts of the racks are designed to secure wine glasses.





#### Adjustable the cup racks

You can adjust these cup racks to different heights independently:

- **1.** Fold the cup racks if you need more space.
- **2.** Remove the cup holder and install it on a iron wire of different height to adjust the height of the cup holder.



#### Two positions cutlery basket

The cutlery basket is made in two halves. The cutlery basket is composed by two foldable half. Is possible to used it open or fold as in the drawing.



You can use the cutlery basket with the cover open.



# , Preparing And Loading Dishes

- Consider buying utensils which are identified as dishwasher-proof.
- For particular items, select a program with the lowest possible temperature.
- To prevent damage, do not take glass and cutlery out of the dishwasher immediately after the program has ended.

#### For washing the following cutlery/dishes

#### Are not suitable

- Cutlery with wooden, horn china or mother-of-pearl handles
- Plastic items that are not heat resistant
- Older cutlery with glued parts that are not temperature resistant
- Bonded cutlery items or dishes
- Pewter or copper items
- Crystal glass
- Steel items subject to rusting
- Wooden platters
- Items made from synthetic fibres

#### Are of limited suitability

- Some types of glasses can become dull after a large number of washes
- Silver and aluminum parts have a tendency to discolor during washing
- Glazed patterns may fade if machine washed frequently

#### **Recommendations for loading the dishwasher**

Scrape off any large amounts of leftover food. Soften remnants of burnt food in pans. It is not necessary to rinse the dishes under running water.

For best performance of the dishwasher, follow these loading guidelines.

Place objects in the dishwasher in following way:

- Items such as cups, glasses, pots/pans, etc. are faced downwards.
- Curved items, or ones with recesses, should be loaded on a slant so that water can run off.
- All utensils are stacked securely and can not tip over.
- Be sure that no wash items protrude through the basket base where they will likely foul the spray arm.
- Load hollow items such as cups, glasses, pans etc. With the opening facing downwards so that water cannot collect in the container or a deep base.
- Dishes and items of cutlery must not lie inside one another, or cover each other.

- To avoid damage, glasses should not touch one another.
- Please do not overload your dishwasher. This is important for good results and for reasonable consumption of energy.

# NOTE:

Very small items should not be washed in the dishwasher as they could easily fall through the basket.



**Items will be hot!** To prevent damage, do not take glass and cutlery out of the dishwasher for around 15 minutes after the program has ended.

#### Loading the dishwasher

The loading pattern in the illustration is recommended for the design of basket. It is the pattern used for the Standards Wash Test (AS/NZS 2007.1).

### \* NOTE:

Cups and glasses face downwards.

Plates face the back of each other, as do side plates, soup plates and saucers.



#### Loading the cutlery basket

You can place each knife, spoon, or fork separately into the spoon stands in the basket's covers to prevent chipping and discoloration.

The spoon stands as seen from above with the suggested placement of cutlery items. Match the numbers in the diagram to the numbers in the list of cutlery items above.



Always load sharp utensils with the sharp point down! Do not let any item extend through the bottom.





Number	ltem
1	Soup spoons
2	Forks
3	Knives
4	Teaspoons
5	Dessert spoons

Settings for Standards Wash Test AS/NZS 2007.1 Capacity: 7 place settings Wash Program: ECO Detergent quantity: 23.75g Rinse Aid setting: D5 To shorten the drying time, the drawer can be opened approx 150 mm at the end of the wash cycle and lasts 40 minutes. This however is not compulsory. The wash load will dry completely given the drying time suggested in the table on page 21



# . Adding Detergent

The chemicals in Dishwasher Detergent are necessary to remove, dissolve and help dispose of all the soils from the wash load.

Only specific Electric Dishwasher Detergent is capable of doing this.

# 

- Dishwasher detergent is dangerous. Avoid skin and eye contact
- Keep the dishwasher detergent out of reach of children.
- Keep it sealed in a dry place.

Add the recommended quantity of detergent to the detergent chute on the basket.



# 、Adding Rinse Aid

Rinse Aid is added during the final rinse to assist the wash load drying and to prevent spots and streaks on glassware.

For guaranteed excellent drying results, always use a branded Rinse Aid. No other products are suitable.

#### Filling the Rinse Aid Dispenser

Refill the dispenser when either the level is at the low level mark by the indicator window, or when the display indicate the rinse aid symbol ( $\Rightarrow$ ).





Fill the dispenser slowly to avoid spillage. Each dispenser will take 300ml from empty.

NOTE: It is important to clean up any spills rinse aid, as it will cause excessive foaming in the wash cycle.

#### Adjusting the rinse aid dispenser

To achieve the best drying result, with the least amount of rinse aid being used, the dispenser can be adjusted by the user.

There are 5 levels of adjustment, the factory setting is D5. This setting will provide excellent drying results.

If the dishes are not drying properly or with cloudy stains, the setting of D4 or D5 will be required.

If there are sticky whitish stains on your dishes or a bluish film on glassware or knife blades, the dispenser can be set back to either D2 or D1 to reduce any unnecessary waste of rinse aid, whilst maintaining excellent drying results.

Follow the steps below:

- **1.** Switch on the dishwasher by press the Power button.
- **2.** Within 60 seconds after step 1, press the Start/Pause button more than 5 seconds, the rinse aid indication blinks.
- **3.** Press the Start/Pause button to select the proper set according to your using habits, the sets will change in the following sequence: D1->D2->D3->D4->D5->D1.
- **4.** Without any operations in 5 second, or exit the set mode through the power button, the new setting is active.

# **OPERATING THE APPLIANCE**

# • Wash Cycle Table

The table below shows which programs are best for the levels of food residue on them and how much detergent is needed. It also show various information about the programs.

( )Means: need to fill rinse into the Rinse-Aid Dispenser.

Program	Water temp (°C)	Detergent required grams or tablets	Running Time (min)	Energy usage (Kwh)	Water usage (L)	Rinse Aid
A) Auto	Auto wash (45-50°C) Rinse Rinse (50°C) Auto Rinse (60-70°C) Drying	23.75g 1 piece	150	0.5-1	6-9	٠
Intensive	Wash (65℃) Rinse Rinse (45℃) Rinse (65℃) Drying	23.75g 1 piece	140	0.85	11.5	•
ECO (*AS/NZS 2007.1)	Wash(45℃) Rinse Rinse Rinse(45℃) Drying	23.75g 1 piece	170	0.36	6.7	•
U Heavy	Wash(60°C) Rinse Rinse Rinse(60°C) Drying	23.75g 1 piece	120	0.6	8	•
= $\underbrace{- _{58},}_{58}$ Wash&Dry	Wash (55℃) Rinse (55℃) Rinse (55℃) Rinse (55℃) Drying	23.75g 1 piece	58	0.55	11	•
ے_ Super Fast	Wash (50℃) Rinse (55℃)	23.75g 1 piece	29	0.2	4	0

Program	Water temp (°C)	Detergent required grams or tablets	Running Time (min)	Energy usage (Kwh)	Water usage (L)	Rinse Aid
다. Delicate	Wash (50℃) Rinse Rinse Rinse (55℃) Drying	23.75g 1 piece	85	0.45	8.5	•

### 🖲 NOTE:

**AS/NZS 2007.1:** This program is the test cycle. The information for comparability test in accordance with AS/NZS 2007.1.

# , Starting A Cycle Wash

- 1. Close the drawer, press the Power button to switch on the machine.
- 2. Press the Program button to select the desired program.
- 3. Press the Start/Pause button, the dishwasher will start its cycle.

# , Changing The Program Once Started

A wash program can only be changed if it has not been running long. You need to ensure that the wash water is still present and it has not drained out and began rinsing. Detergent will have to be re added if there is no wash water present. Here are the instructions to change the program:

- 1. Press the Start/Pause button to pause the washing.
- 2. Press the Program button for more than 3 seconds, the program will be cancelled.
- 3. Press the Program button to select the desired program.
- 4. Press the Start/Pause button, the dishwasher will start.

# Adding Items While A Wash Is In Progress

You can add items after the wash program has begun.

However if it is no longer in the wash cycle, anything added may not be well washed, and other items soiled as well. Check that it is not rinsing.

Follow these instructions:

- 1. Press the Start/Pause button to pause the washing.
- **2.** Wait 5 seconds then open the drawer.
- 3. Add the extra items.
- **4.** Close the drawer
- 5. Press the Start/Pause button, the dishwasher will start.



It is dangerous to open the drawer mid-cycle, as hot steam may scald you.

# 

- When the dishwasher is operating, do not force open the drawer, press the Start/Pause button, and wait a few seconds before opening the drawer.
- If the electric power to the dishwasher is interrupted during a wash program, it will continue to the end of the program when the power is restored.

# MAINTENANCE AND CLEANING

Keeping your dishwasher clean improves its performance, reduces unnecessary repairs, and lengthens its life.

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Disconnect the dishwasher from the power supply (unplug or switch off at the circuit breaker) and allow all its parts to cool before any cleaning or maintenance.

# • External Care

It's best to clean spills on the outside of your dishwasher as they occur. Use a soft, damp cloth on the control panel to gently wipe away spills and dust. Do not use benzene, wax, thinner, chlorine bleach, or alcohol. These materials may discolor the inner walls and cause stains. Do not clean the dishwasher by sprinkling water over it and avoid letting water come into contact with any of the electrical parts.



# NOTE:

If your dishwasher has a stainless steel door panel, you can clean it with a stainless steel cleaner for home appliances or a similar product using a clean, soft cloth.

# • Internal Care

#### Filtering system

The filtering system in the base of the wash cabinet traps coarse debris from the washing cycle. The collected coarse debris may cause the filters to clog. Check the condition of the filters regularly and clean them if necessary under running water. Follow the steps below to clean the filters.

## **A**CAUTION

- Do not over tighten the filters. Put the filters back in sequence securely, otherwise coarse debris could get into the system and cause a blockage.
- NEVER use the dishwasher without filters in place. Improper replacement of the filter may reduce the performance level of the appliance and damage dishes and utensils.



### Spray arms

If you are in a hard water area, it is necessary to clean the spray arms regularly for hard water chemicals will clog the spray arm jets and bearings.

To clean the spray arms, follow the instructions below:



One hand raised the basket slightly, and the other hand reached under the basket. Hold the spray arm and lift it up.



2 Slightly tilt the arm and remove it from under the basket.



Wash the arms in soapy and warm water and use a soft brush to clean the jets.

After cleaning, replace it in the opposite direction.

# , Caring For The Dishwasher

#### **Frost precaution**

If you live in a region that is where the inside temperature can drop below zero, care needs to be taken to avoid possible damage if the water in the dishwasher freezes.

- **1.** Turn off the mains power to the dishwasher.
- **2.** Turn off the water supply and disconnect the Water Inlet Hose. Drain the water inside the hose then reconnect.
- **3.** Remove the course filters in the tubs and soak up all water possible with a sponge. Then re-assemble.

### Cleaning

Only use gentle cleaning products on the exterior of the dishwasher, no solvents or abrasive compounds.

Products specifically for cleaning the stainless steel interior are effective in restoring the original bright interior.

#### Long term storage

Disconnect the power supply and the water supply.

Remove the coarse filters and soak up all water possible with a sponge.

This reduces the chance of any odors developing inside the tubs.

# **INSTALLATION INSTRUCTION**

# **,** Product Dimensions



Unit: mm

# , Before Installation





Mounting brackets (4) (for drain hose coupling)



Screws (8)

Ensure that the inner end of the tab is protruding by one material thickness



Moisture protection tape (1)

#### Prepare the cavity

The cavity will need to conform to the dimensions in the diagram.

The water supply and power point for the appliance cannot be in the dishwasher cavity. Ideally they should be in an adjacent cavity, easily accessed for isolating the product. An opening to allow the hoses and power cord to exit is required on either side of the cavity with the minimum dimensions shown.



#### Prepare the cavity



Dishwasher must be level for proper dish rack operation and wash performance.

If need be, adjust the feet in each corner to ensure the product sits evenly on the floor, and is level both left to right and front to back. This can be checked by using a spirit level on an open drawer.

# , Installing Your Dishwasher

#### **Cold water connection**

The Inlet Hose supplied requires a 3/4 inch BSP Male fitting, suitable for a flat sealing washer.

A faucet is important for isolating the supply to the dishwasher.

Ensure that the sealing washer supplied inside the hose connection is firmly in place. Check that the initial water is clean, particularly if the supply has not been used for some time.



#### Fit the mounting brackets

Drawer dishwashers are unstable until they are secured to their surrounding cabinetry. Study the two options for securing offered and choose one that suits your cabinetry. Fit the mounting brackets supplied to the top or sides of the product, ensuring the locking tab effectively retains the bracket in place. Adjust the tabs if needed. With the aid of pliers pre form the bracket to match the surface it will be fitted to. Shorten the tab if needed.





Installation method (A) Attach top mounting brackets



Installation method (B) Attach side mounting brackets



### Fit the dishwasher

Position the dishwasher in the cavity so the the drawer fronts are inline with the adjacent cabinetry.

Draw the hoses and power cord through the their opening as you slide the product in.



#### Connection of the drain hose

There are two recommended options for connecting the drain hose.



## **A**CAUTION

- Drainage pipe length should not exceed 5 meters.
- Please try to run the dishwasher first, confirm that the machine can be used properly before fixing, so as to avoid unnecessary repetition of disassembly and assembly.

#### Secure the product in place

With suitable fasteners, fix the mounting brackets to the cabinetry.





# , Electrical Requirements

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**Electrical Shock Hazard** Disconnect electrical power before installing dishwasher. Failure to do so could result in death or electrical shock.

# Attention

The installation of the pipes and electrical equipments should be done by professionals.

The dishwasher requires a 220-240 Volt 50 Hz AC supply through a 10 amp rated power outlet.

Ensure that the supply is properly earthed.

# **TROUBLESHOOTING TIPS**

#### **Before Calling For Service**

Before calling for service, check the following list for problems probable causes and what you can do.

Problem	Possible Causes	What To Do
Dishwasher won't start	No power.	Check that the power cord is plugged in to a live powerpoint and it is turned on.
	No water supply.	Check that the hose is connected to a water supply and it is turned on.
There is water remaining in the tub	Kinked or blocked drain hose.	Check the drain hose routing.
	Clogged filters in the tub.	Check the filters. If they are clogged, remove them carefully to avoid dropping anything into the sump that could cause a blockage.
The wash items are not clean	Incorrect wash program chosen.	Select a more intensive program
	Obstacle obstructing the spray arm from turning.	Check the washload for items protruding through the bottom of the basket, or if an item has fallen through the basket.
	Loading pattern too tight	Check for adequate spacing between items.
	Filters not correctly in place.	If either filter is found to be out of place, also check spray arm for blockages.
	Blocked spray arm.	Check that the holes in the spray arm are all clear. Back flush with water to clear.
	Insufficient detergent loaded.	Increase detergent quantity

Problem	Possible Causes	What To Do
Wash items are not fully dry	Unloading dishwasher too soon.	The drying cycle must be complete before the dishwasher is unloaded. Check the Display for end time.
	Insufficient Rinse Aid.	Check for Low Rinse Aid Level warning and re fill if necessary.
	Rinse Aid setting too low.	Increase Rinse Aid setting as per instructions on page 20
Glassware developing cloudy stains and calcium rings	Insufficient Rinse Aid being dispensed.	Adjust the Rinse Aid Dispenser as per the instructions on page 20
Wash items showing signs of rust	Items are unsuitable for dishwasher use.	Discontinue washing such items in the dishwasher.
Tub becoming dull in color	Tub requires rejuvenation.	Dose the tub with specific Stainless Steel Tub /Bowl Cleaner.
Traces of detergent in the tub	Incomplete/interrupted wash cycle.	Rerun wash program to ensure wash load is not contaminated with detergent.
Foam in the wash tub	Non electric dishwasher detergent used.	Use correct detergent.
	Spilt Rinse Aid present.	Repeat the Rinse Program until clear.

Codes	Meanings	Possible Causes
E1	Extended Water Inlet Time.	Water supply failure, closed faucet, or insufficient supply water pressure.
E3	Water temperature not reaching target.	Heating element malfunction.
E4	Leak Detected.	For some reason water has leaked from the wash system. Possibilities are over height item in the washload stopping lid from sealing; internal plumbing or seal failure.
Ec	Washing Control System failure.	Electronics or Motor failure.
Ed	Failure of connection between Display Unit and the Control System.	Wiring failure between the two devices.
EH	The cover does not open or close properly.	The cover motor device damage or foreign matter stuck.

If there is a malfunction, the dishwasher will display error codes to identify the symptom.

# Product Specification

Manufacturer	MIDEA		
Type/Description	JHDWSD7SS		
Standard place settings	7		
Energy efficiency class	★★★☆☆☆ 3.5		
Water consumption class	<b>★★★★☆☆☆</b> 4.5		
Standard cleaning cycle	ECO		
Energy consumption of the standard cleaning cycle	0.36 kWh		
Water consumption of the standard cleaning cycle	6.7 liter		
Program duration of the standard cleaning cycle	170 mins		
Noise level	47 dB(A) re 1 pW		
Mounting	Built-in		
Could be built-in	YES		
Power consumption	965-1140 W		
Rated voltage/frequency	AC 220-240 V/50 Hz		
Water supply pressure	0.04-1.0 MPa=0.4-10 bar		

