



The design and specifications are subject to change without prior notice for product improvement. Consult with your dealer or manufacturer for details.

A quality product of



CONCEPCION MIDEA INC.



For more information, please visit our website www.midea.com.ph

User's Manual

Window Type Remote Model

Before using your product, please read this manual carefully and keep it for future reference.



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READ THIS MANUAL



Inside you will find many helpful hints on how to use and maintain your air conditioner properly. Just a little preventive care on your part can save you a great deal of time and money over the life of your air conditioner. You'll find many answers to common problems in the chart of troubleshooting tips. If you review our chart of Troubleshooting Tips first, you may not need to call for service at all.



CAUTIONS

- 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 if they have been given supervision and instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and maintenance shall not be done by children without supervision.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid hazard.
- The appliance shall be installed in accordance with national wiring regulations.
- Do not operate your air conditioner in a wet room such the bathroom or the laundry room.
- Contact Midea Customer Care for repair or maintenance of this unit.







SAFETY PRECAUTIONS

To prevent injury to the user or other people and property damage, the following instructions must be followed. Incorrect operation due to ignoring of instructions may cause harm or damage. The seriousness is classified by the following indications.

 WARNING	This symbol indicates the possibility of death or serious injury.
 CAUTION	This symbol indicates the possibility of injury or damage to property.

	Never do this.
	Always do this.

WARNING

- | | | |
|--|--|--|
| <p> Plug in power cord properly.</p> <ul style="list-style-type: none"> • Otherwise, it may cause electric shock or fire due to excess heat generation. | <p> Do not operate or stop the unit by inserting or pulling out the power cord.</p> <ul style="list-style-type: none"> • It may cause electric shock or fire due to heat generation. | <p> Do not damage or use an unspecified power cord.</p> <ul style="list-style-type: none"> • It may cause electric shock or fire. If the power cord is damaged, it may be replaced by the manufacturer or an authorized service center or a similar qualified person in order to avoid a hazard. |
| <p> Do not modify power cord length or share the outlet with other appliances.</p> <ul style="list-style-type: none"> • It may cause electric shock or fire due to heat generation. | <p> Do not operate with wet hands or in damp environment.</p> <ul style="list-style-type: none"> • It may cause electric shock. | <p> Do not direct the airflow at room occupants only.</p> <ul style="list-style-type: none"> • This could damage your health. |
| <p> Always ensure effective earthing.</p> <ul style="list-style-type: none"> • Incorrect earthing may cause electric shock. | <p> Do not allow water to run into electric parts.</p> <ul style="list-style-type: none"> • It may cause fire and electric shock. | <p> Always install circuit breaker and a dedicated power circuit.</p> <ul style="list-style-type: none"> • Incorrect installation may cause fire and electric shock. |
| <p> Unplug the unit if strange sounds, smell, or smoke comes from it.</p> <ul style="list-style-type: none"> • It may cause fire and electric shock. | <p> Do not use the socket if it is loose or damaged.</p> <ul style="list-style-type: none"> • It may cause fire and electric shock. | <p> Do not open the unit during operation.</p> <ul style="list-style-type: none"> • It may cause electric shock. |
| <p> Leave the door closed while the air conditioner is running.</p> <ul style="list-style-type: none"> • It is not designed to cool the entire house. | <p> Do not use the power cord close to heating appliances.</p> <ul style="list-style-type: none"> • It may cause fire and electric shock. | <p> Do not use the power cord near flammable gas or combustibles, such as gasoline, benzene, thinner, etc.</p> <ul style="list-style-type: none"> • It may cause an explosion or fire. |
| <p> Ventilate room before operating air conditioner if there is a gas leakage from another appliance.</p> <ul style="list-style-type: none"> • It may cause explosion, fire and burns. | <p> Do not disassemble or modify unit.</p> <ul style="list-style-type: none"> • It may cause failure and electric shock. | |

CAUTION

ⓘ When the air filter is to be removed, do not touch the metal parts of the unit.

- It may cause an injury.

ⓘ Do not clean the air conditioner with water.

- Water may enter the unit and degrade the insulation. It may cause an electric shock.

ⓘ Ventilate the room well when used together with a stove, etc.

- An oxygen shortage may occur.

ⓘ When the unit is to be cleaned, switch off and turn off the circuit breaker.

- Do not clean unit when power is on as it may cause fire and electric shock. It may also cause an injury.

ⓘ Do not put a pet or house plant where it will be exposed to direct air flow.

- This could injure the pet or plant.

ⓘ Do not use for special purposes.

- Do not use this air conditioner to preserve precision devices, food, pets, plants, and art objects. It may cause deterioration of quality, etc.

ⓘ Stop operation and close the window in a storm or hurricane.

- Operation with windows opened may cause wetting of indoor and soaking of household furniture.

ⓘ Hold the plug by the head of the power plug when taking it out.

- It may cause electric shock and damage.

ⓘ Turn off the main power switch when not using the unit for a long time.

- It may cause failure of product or fire.

ⓘ Do not place obstacles around air-inlets or inside of air-outlet.

- It may cause failure of appliance or accident.

ⓘ Ensure that the installation bracket of the outdoor appliance is not damaged due to prolonged exposure.

- If bracket is damaged, unit may fall and get damaged.

ⓘ Always insert the filters securely. Clean filter once every two weeks.

- Operation without filters may cause failure.

ⓘ Do not use strong detergent such as wax or thinner but use a soft cloth.

- Appearance may be deteriorated due to change of product color or scratching of its surface.

ⓘ Do not place heavy objects on the power cord and ensure that the cord is not compressed.

- There is danger of fire or electric shock.

ⓘ Do not drink water drained from air conditioner.

- It contains contaminants and could make you sick.

ⓘ Use caution when unpacking and installing. Sharp edges could cause injury.

ⓘ If water enters the unit, turn the unit off at the power outlet and switch off the circuit breaker. Isolate supply by taking the power-plug out and contact a qualified service technician.

Safety Precautions (prior to operation)

Preparing for operation

1. Contact an installation specialist for installation.
2. Plug in the power plug properly.
3. Do not use a damaged or non-standard power cord.
4. Do not share the same outlet with other appliances.
5. Do not use an extension cord.
6. Do not start/stop operation by plugging/unplugging the power cord.

Usage

1. Exposure to direct airflow for an extended period of time could be hazardous to your health. Do not expose occupants, pets, or plants to direct airflow for extended periods of time.
2. Due to possibility of oxygen deficiency, ventilate the room when used together with stoves or other heating devices.
3. Do not use this air conditioner for non-specified special purposes (e.g. preserving precision devices, food, pets, plants, and art objects). Usage in such a manner could harm such property.

Cleaning and Maintenance

1. Do not touch the metal parts of the unit when removing the filter. Injuries can occur when handling sharp metal edges.
2. Do not use water to clean inside the air conditioner. Exposure to water can destroy the insulation, leading to possible electric shock.
3. When cleaning the unit, first make sure that the power and circuit breaker are turned off.

Service

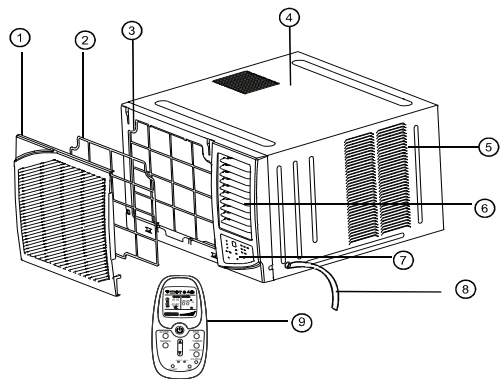
For repair and maintenance, contact your authorised service dealer.

Operating Temperature

Cooling operation	Outdoor temp:	18-43°C
	Indoor temp:	17-32 °C

Note: Performance may be reduced outside of these operating temperatures.

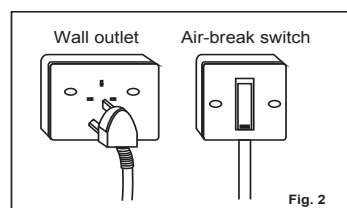
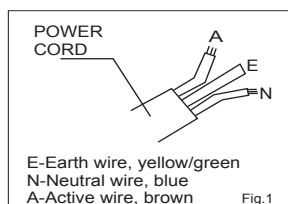
UNIT PARTS IDENTIFICATION



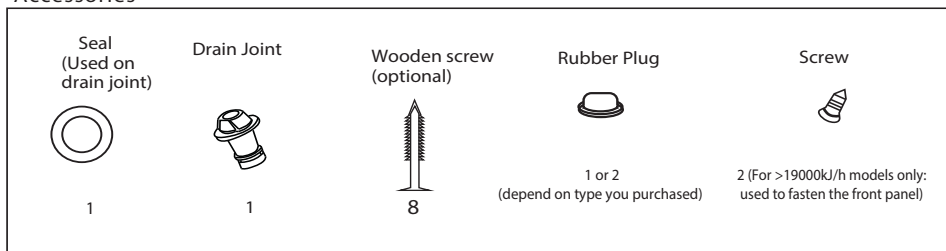
1. Front panel
2. Air filter
3. Frame
4. Cabinet
5. Air inlet grille (outdoor side)
6. Air outlet grille
7. Electronic control keypad
8. Power supply cord
9. Remote control

Remote for Remote model

1. Power cord conductors are distinguished according to color as follows (see Fig.1)
2. For your safety and protection, this unit is earthed through the power cord (see Fig.2)
Please contact the manufacturer or its service agent or a similar qualified person if you want to replace it.
3. Be sure that the unit being correctly grounded. The wall outlet (Air-break switch) should be provided with reliable earth wire.
4. The unit should be provided with an individual circuit and the circuit breaker/fuse rating should be the same as that of the power cord and wall outlet.



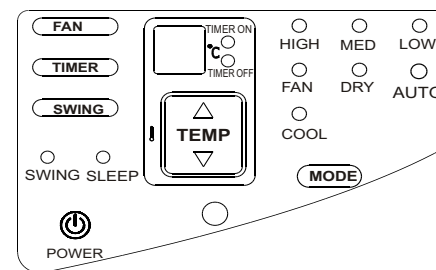
Accessories



NOTE All the illustrations in the manual are for explanation purpose only. Your air conditioner may be slightly different. The actual shape shall prevail.

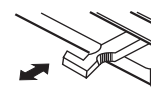
AIR CONDITIONER FEATURES

Control Panel



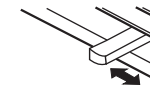
Vent Control

The vent control is located above the control knobs. The operation method is different on different models (see the following figures).
For maximum cooling efficiency, CLOSE the vent. This will allow internal air circulation.
OPEN the vent to discharge stale air.



CLOSE ← VENT → OPEN

To open the vent, pull the lever toward you
To close it, push it in.

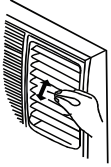


CLOSE ← VENT → OPEN

To open the vent, set the lever to the right position
To close it, set the lever in the left position.

NOTE: The VENTILATION LEVER should normally be kept in the CLOSED position during cooling for maximum cooling effect. The "OPEN" position is used only for ventilation.

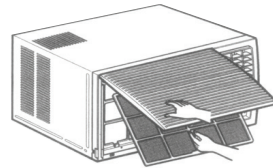
Vertical air flow adjustment (manually)



To adjust vertical air flow direction, adjust any one of the horizontal louvre blades. When adjusting the horizontal louver blades up or down, always keep the top or bottom blades horizontal. This can effectively prevent water droplets condensing on the front panel of the unit.

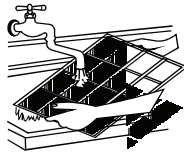
Air Filter

The air filter behind the inlet grille should be checked and cleaned at least once every 2 weeks (or as necessary) to maintain optimal performance of the air conditioner.



How to remove the air filter

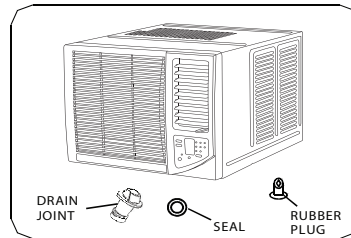
1. Hold the slot under the front panel, then uplift it outwards, and remove the front panel.
2. Pinch the handle under the air filter and make the air filter arched, remove it from the slot from underside to upside.
3. Clean the filter with warm, soapy water. The water should be below 40 °C to prevent distortion of the filter.
4. Rinse off and gently shake off excess water from the filter. Allow the filter to dry before replacing it. To prevent distortion of the filter, do not dry in direct sunlight.



Drainage

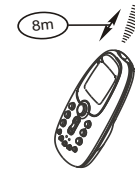
See the following procedures to perform back drainage:

1. Fit the seal onto the drain joint (provided with your air conditioner as accessory.)
2. Remove the rubber plug from the back of the unit (if applicable) and insert it into the bottom drain hole.
3. Attach the drain joint to the back of the cabinet where you removed the plug and rotate it 90° to securely assemble them.
4. Connect the drain joint with an extension drain hose (locally purchased)



Note: If you choose non-drainage when cooling, both the bottom and the back drain holes of the unit should be inserted with rubber plugs. When you choose non-drainage, the air conditioner will give optimal cooling efficiency, but the unit may have a splashing sound due to the blower wheel hitting the accumulated water gathered in the base pan. The water then hits the condenser, and this results in a higher cooling efficiency.

Handling the remote controller



Location of the remote controller.

- Keep the remote controller where its signals can reach the receiver of the unit (a distance of 8m is allowed).
- When you select the timer operation, the remote controller automatically transmits a signal to the indoor unit at the specified time.

If you keep the remote controller in a position that hinders proper signal transmission, a time lag of up to 15 minutes may occur.

CAUTIONS

- The air conditioner will not operate if curtains, doors or other materials block the signals from the remote controller to the indoor unit.
- Prevent any liquid from falling into the remote controller. Do not expose the remote controller to direct sunlight or heat.
- If the infrared signal receiver on the indoor unit is exposed to direct sunlight, the air conditioner may not function properly. Use curtains to prevent the sunlight from falling on the receiver.
- If other electrical appliances react to the remote controller, either move these appliances or consult your local dealer.

Replacing batteries

The remote controller uses two dry batteries (R03/LR03X2)

- (1) Slide the cover of the battery compartment off according to the arrow direction, then replace the old batteries with new ones.
- (2) Insert the new batteries making sure that the (+) and (-) of battery are installed correctly.
- (3) Reattach the cover by sliding it back into position.

After replacing batteries, set the remote controller clock.

Cautions

1. When replacing batteries, do not use old batteries or different type batteries. Otherwise it may cause the remote controller to malfunction.
2. If you do not use the remote controller for a few weeks or more, remove the batteries. Otherwise, battery leakage may damage the remote controller.
3. The average battery life during normal use is approximately half a year. Replace the batteries when there is no receiving beep from the indoor unit or if the transmission indicator on the remote controller fails to light.
4. Be sure there are no barriers between the remote controller and the receiver of indoor unit otherwise the air conditioner will not work.
5. Keep the Remote Controller away from all liquids.
6. Protect the Remote Controller from high temperatures and exposure to radiation.
7. Keep the indoor receiver out of direct sunlight or the Air Conditioner may malfunction.
8. Keep controller away from EMI (Electro-Magnetic Interference) supplied by other household appliances.

NOTE:

-Buttons design is based on typical model and might be slightly different from the actual one you purchased, the actual shape shall prevail.

-All the functions described are accomplished by the unit, if the unit has no this feature, there is no corresponding operation happened when press the relative button on the remote controller.

-When there are wide differences between "Remote controller Illustration" and "USERS MANUAL" on function description, the description of "USERS MANUAL" shall prevail.

-The device could comply with the local national regulations. In Canada, it should comply with CAN ICES-3(B)/NMB-3(B). In USA, 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 operation.

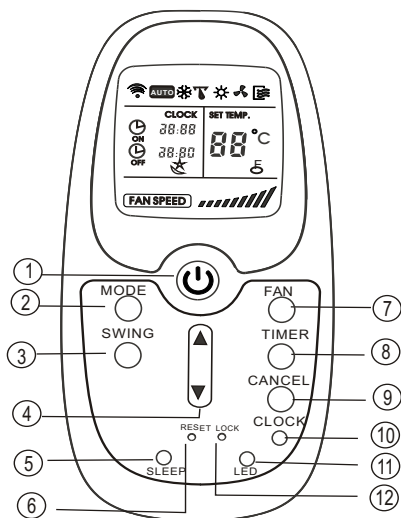
-This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate 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 or 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.
- Changes or modifications not approved by the party responsible for compliance could void user's authority to operate the equipment.

Specification

Model	R09D/BG(C)E, R09E/BG(C)E, RG09E/BG(C)EU1, R09F/BG(C)E, RG09D/BG(C)EU
Rated Voltage	3.0V(Dry batteries R03/LR03 × 2)
Lowest Voltage of CPU Emitting Signal	2.0V
Transmission Distance	8m
Environment	-5°C~60°C(-41°F~140°F)

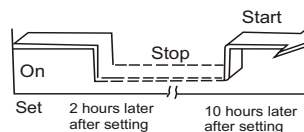
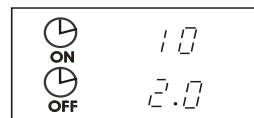
Features of remote control



- ① **ON/OFF Button:** Push this button to start operation, push the button again to stop operation.
- ② **MODE Select Button:** Each time you push the button, a mode is selected in a sequence that goes from AUTO, COOL, DRY, HEAT and FAN, as the following figure indicates:

▲ **NOTE:** Do not select HEAT mode if the machine you purchased is cooling only type. Heat mode is not supported by the cooling only appliance.
- ③ **SWING Button (on some models):** Push this button, the louver will swing up and down automatically. Push it again to stop.
- ④ **TEMP/TIME Button** ▲ ▼ : Push the "▲" button to increase the indoor temperature setting or to adjust the TIMER in a clockwise direction. Push the "▼" button to decrease the indoor

Features of remote control



COMBINED TIMER

(Setting both ON and OFF timers simultaneously)

TIMER OFF → TIMER ON

(On → Stop → Start operation)

This feature is useful when you want to stop the air conditioner after you go to bed, and start it again in the morning when you wake up or when you return home.

Example:

To stop the air conditioner 2 hours after setting and start it again 10 hours after setting.

1. Press the TIMER button until the TIMER OFF indicator is displayed and time setting is flashing.
2. Use the TEMP/TIME button to display "2.0" beside the TIMER OFF display.
3. Press the TIMER button again to display the TIMER ON.
4. Use the TEMP/TIME button to display "10" beside the TIMER ON display.
5. Wait for 3 seconds until the TIMER ON time stops flashing and this function is activated.

TIMER ON → TIMER OFF

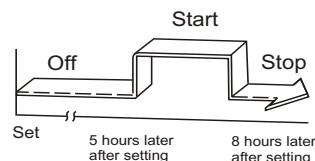
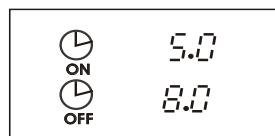
(Off → Start → Stop operation)

This feature is useful when you want to start the air conditioner before you wake up and stop it after you leave the house.

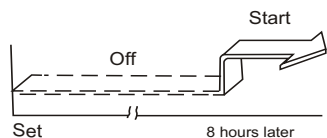
Example:

To start the air conditioner 5 hours after setting, and stop it 8 hours after setting.

1. Press the TIMER button, the TIMER ON displays and the setting time flashes.
2. Use the TEMP/TIME button to display "5.0" beside the TIMER ON display of the remote controller.
3. Press the TIMER button again to display the TIMER OFF and the setting time.
4. Use the TEMP/TIME button to display "8.0" beside the TIMER OFF display.
5. Wait for 3 seconds until the TIMER OFF time stops flashing and this function is activated.



Example of timer setting



TIMER ON

(Timer Start Operation)

The TIMER ON feature is useful when you want the unit to turn on automatically before you return home.

The air conditioner will automatically start operating at the set time.

IMPORTANT: The time will be registered within a 3 second period (after pressing the TEMP/TIME button), so you should continue pressing the button until the desired time is established. Otherwise you must repeat the steps again.

Example:

To start the air conditioner in 8 hours.

1. Press the TIMER button, the TIMER ON indicator is displayed and the setting time beside is flashing.
2. Use the TEMP/TIME button to display "8.0" beside the TIMER ON display of the remote control.
3. Wait for 3 seconds and the setting time stops flashing and this function is activated.

TIMER OFF

(Timer Stop Operation)

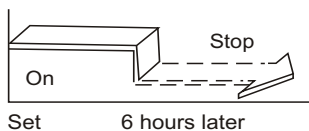
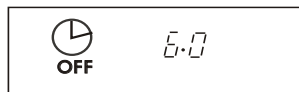
The TIMER OFF feature is useful when you want the unit to turn off automatically after you go to bed.

The air conditioner will stop automatically at the set time.

Example:

To stop the air conditioner in 6 hours.

1. Press the TIMER button until the TIMER OFF indicator is displayed and the setting time beside is flashing.
2. Use the TEMP/TIME button to display "6.0" beside the TIMER OFF display.
3. This function will be activated after 3 seconds you release the TEMP/TIME button.



Features of remote control(continued)

temperature setting or to adjust the TIMER in a counter-clockwise direction.

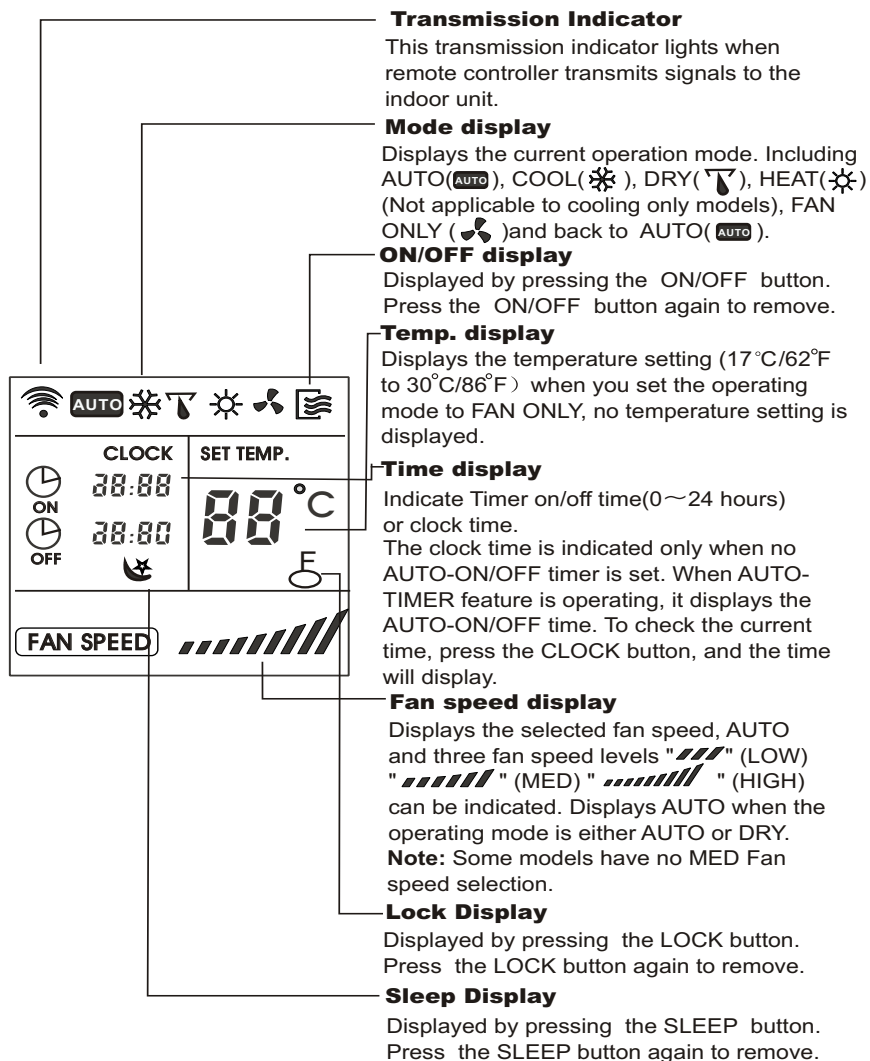
NOTE: Press and hold "▲" and "▼" buttons together for 3 seconds will alternate the temperature display between the °C & °F scale.

- ⑤ **SLEEP Button:** In SLEEP mode, Active/Disable sleep function. It can maintain the most comfortable temperature and save energy. This function is available on COOL, HEAT or AUTO mode only. For the detail, see "Sleep operation" in "USER'S MANUAL".

NOTE: While the unit is running under SLEEP mode, it would be cancelled if MODE, FAN SPEED or ON/OFF button is pressed.

- ⑥ **RESET Button:** When you press the recessed RESET button, all current settings are cancelled and the control will return to the initial settings.
- ⑦ **FAN Button:** Used to select the Fan Speed in four steps-AUTO, LOW, MED (some models without) or HIGH. Each time the button is pressed, the fan speed mode is shifted.
- ⑧ **TIMER Button:** This button is used to preset the time ON (start to operate) and the time OFF (turn off the operation).
- ⑨ **CANCEL Button:**
- (a). If the TIMER ON, TIMER ON→OFF or TIMER OFF→ON feature has been set, press the CANCEL button will override the TIMER program and turn off the unit as well.
 - (b). If only set TIMER OFF feature, press the CANCEL button will cancel the timer off setting and turn on the unit (when the unit is off).
 - (c). If no TIMER feature has been set, press the CANCEL button, and nothing will happen.
- ⑩ **CLOCK Button:** Use to set the time.
- ⑪ **LED Button:** Press this button to clear the digit display in the air conditioner, press it again to activate it.
- ⑫ **LOCK Button:** When you press the LOCK button, all current settings are locked in and the remote controller does not accept any operation except that of the LOCK. Press again to cancel the LOCK mode.

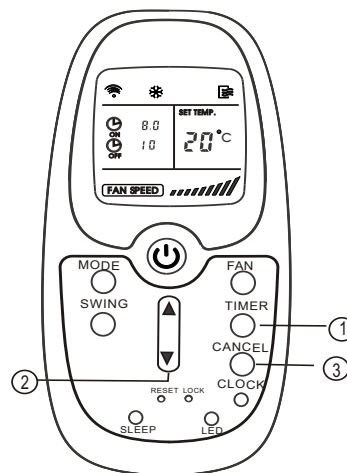
Indicators on remote controller



Note:

All displays on the remote controller are shown for illustration purposes only.

Timer operation



1. TIMER button
 - Press the TIMER button, the remote displays '0.0' alongside either the TIMER ON or TIMER OFF indicator, and will flash.
2. TEMP/TIME button
 - Press to set the desired time.
 - ▲ Forward
 - ▼ Backward
 - Press or hold the forward or backward button to change the Auto time by 0.5 hour increments, up to 10 hours, then at 1 hour increments up to 24 hours.
 - The selected time will register in 3nds after setting.
3. After setting the timer for TIMER ON and TIMER OFF, check the TIMER indicator on the display panel of the unit is illuminated.

Canceling

4. Cancel button(CANCEL)
 - Press the CANCEL button to cancel the timer setting.

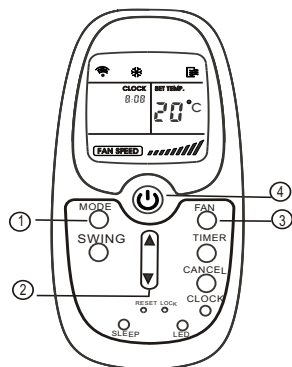
Changing

Preform steps 1, 2 and 3 to change the settings.

CAUTIONS

- When you select the timer operation, the remote controller automatically transmits the timer signal to the indoor unit at the specified time. Therefore, keep the remote controller in a location from which it can transmit the signal to the indoor unit properly.
- The effective operation time set by remote controller is limited in 24 hours.

Cooling/Heating/Fan only operation



Start

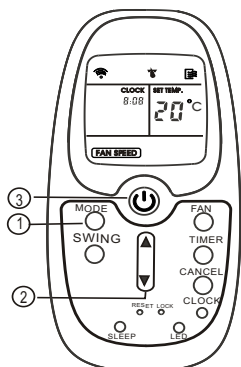
Ensure unit is plugged and power is available. The OPERATION lamp on the display panel of the indoor unit starts flashing.

1. Mode select button (MODE)
Press to select COOL, HEAT (Not applicable to cooling only models), or FAN ONLY
2. TEMP/TIME button
Set the desired temperature, the most comfortable temperature is between 21°C/70°F to 28°C/83°F.
3. Fan speed button (FAN SPEED)
Press to select "AUTO" "LOW", "MED" and "HIGH"
4. ON/OFF button
When the remote controller is off, push this button to start the air conditioner.

Stop

ON/OFF button
Push this button again to stop the air conditioner. The FAN ONLY mode does not control temperature. Therefore, perform only steps 1,3, and 4 to select this mode.

DRYING OPERATION



Start

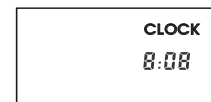
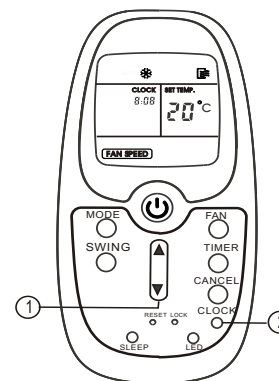
Ensure unit is plugged and power is available. The OPERATION indicator on the display panel of the indoor unit starts flashing.

1. Mode select button (MODE)
Press to select DRY.
2. TEMP/TIME button
Push the "TEMP/TIME" button to set the desired temperature from 21°C/70°F to 28°C/83°F.
3. ON/OFF button
When the remote controller is off, push this button to start the air conditioner.

Stop

ON/OFF button
Push this button again to stop the air conditioner.
Note: The fan speed cannot be adjusted when the unit is in AUTO and DRY mode.

Setting the clock



Before you start operating the air conditioner, set the clock of the remote controller using the procedures given in this section. The clock panel on the remote controller will display the time regardless of whether the air conditioner is in use or not.

Initial Setting or the Clock

After batteries are inserted in the remote controller, the clock panel will display "12:00". Press and hold the CLOCK button for 3nds, the time begin to flash.

1. TEMP/TIME adjust button
 - Press this button to set time.
 - ▲ Forward.
 - ▼ Backward.
 - Each time you press the button, the time moves forward or backward by one minute depending on which side you press. The time alters as quickly as you push the button.
 - Keep pressing the button without releasing, the time moves forward or backward by 10 minutes depending on which side you press.

2. CLOCK button

When the right time is achieved, press the CLOCK button or release the ▲ or ▼ and wait for 5 seconds, the clock time stops flashing and the clock starts operating.

3. Readjusting the Clock

Press the CLOCK button on the remote controller for about 3 seconds, the clock display time will start to flash. To set the new time, follow 1 and 2 of "Initial Setting of the Clock".

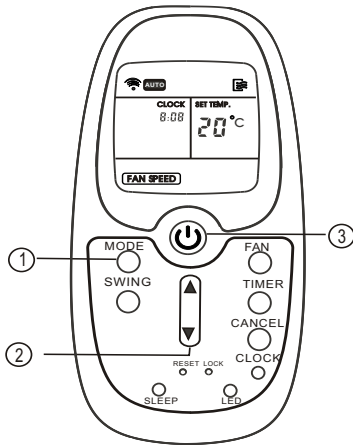
Note: The time of the CLOCK must be set before the AUTO-TIMER feature will operate. If you readjust the time of the CLOCK after setting the AUTO-ON/OFF timer, the remote controller will send the readjusted timer information to the unit.

* Clock accuracy is within 15 seconds per day.

CAUTIONS

Static electricity or other factors (in case of extremely high voltage) can cause remote controller clock initialize. If your remote controller is initialized (flashing "12:00"), readjust the clock before you start operation.

Automatic operation



When you set the air conditioner in AUTO mode, it will automatically select cooling, heating (cooling only type without), or fan only operation depending on what temperature you have selected and the room temperature.

Once you select the operating mode, the operating conditions are saved in the unit's microcomputer memory. Thereafter, the air conditioner will start operating under the same conditions when you simply push the ON/OFF button of the remote controller.

Start

Ensure the unit is plugged in and power is available. The OPERATION indicator on the display panel of the indoor unit starts flashing.

1. Mode select button (MODE)
Press to select AUTO.
2. TEMP/TIME button
Set the desired temperature. Normally, set it between 21°C/70°F to 28°C/83°F.
3. ON/OFF button
When the remote controller is off, push this button to start the air conditioner.

Stop

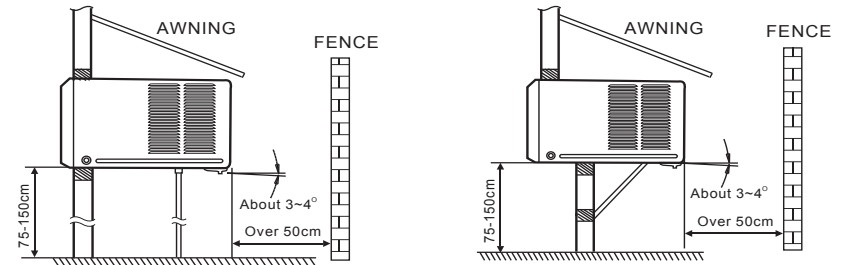
ON/OFF button

Push this button again to stop the air conditioner.

If the AUTO mode is uncomfortable, you can select the desired conditions manually. When you select the AUTO mode, you do not have to set the fan speed. The fan speed will be automatically controlled.

INSTALLATION INSTRUCTIONS

Select the Best Location



1. To avoid vibration and noise, make sure the units is installed securely and firmly.
2. Install the unit where the sunlight does not shine directly on it.
If the unit receives direct sunlight, build an awning to shade the cabinet.
3. There should be no obstacle, such as a fence or wall within 50 cm from the back of the cabinet because it will prevent heat radiation on the condenser. Restriction of outside air will greatly reduce the cooling efficiency of the air conditioner.
4. Install the unit a little obliquely outward so the codensed water will not leak into the room (about 3~4° with level).
5. Install the unit with its bottom portion 75~150 cm above the floor level.
6. The power cord must be connected to an independent circuit. The yellow/green wire must be grounded.

CAUTION

All side louvers of the cabinet must remain exposed to the outside of the structure.

Installation of the Housing

Step 1

Remove the air conditioner from its packaging, remove fixing screws and slide the air conditioner out from the housing. (Refer to Installation Steps).

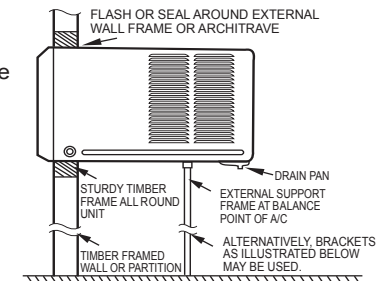
Step 2

Prepare the hole in the wall so that the bottom of the housing is well supported, the top has minimum clearance and the air inlet louvers have clearance as shown below in options A and B. Holes from the outside through to the cavity should be sealed. The housing should slope down towards the rear by about 5mm to allow water formed during operation to drain.

Step 3

Install the housing into the wall and ensure the foam seals are not damaged. Seal or fill the gaps around the inside and outside to provide satisfactory appearance and protection against the weather, insects and rodents.

Note: Unit may be supported by a solid frame from below or by a hanger from a solid overhead support.



Preferred method of installation into a timber framed wall, partition or window.

Installations of the unit into the housing

Step 1

Slide the unit into the housing until it is firmly against the rear of the housing. Care is required to ensure the foam sealing strips on the housing remain in position.

Step 2

Connect the air conditioner to the power and position the excess cord length beneath the air conditioner base.

Step 3

Engage the chassis fixing brackets into the bottom housing rail and secure to the base with the screw provided.

Step 4

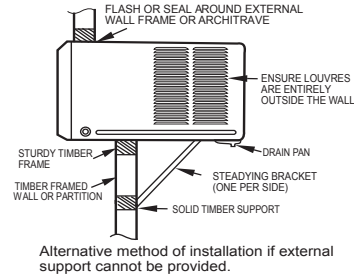
Remove the front panel from its carton and plastic bag and fit as per the Installation Instruction.

Step 5

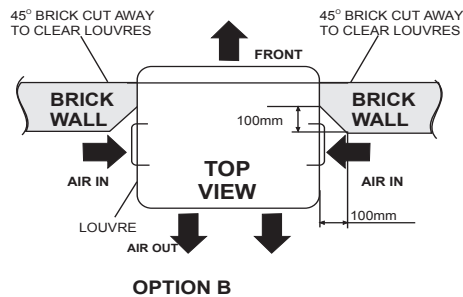
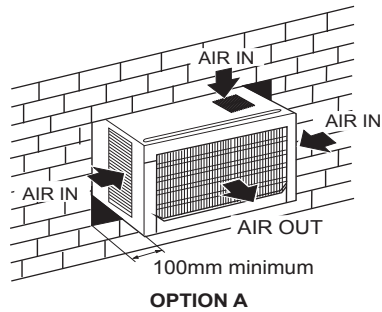
Switch unit on. Check for operation of the unit and check for vibration in the installation.

Step 6

Fit the drain pan to the housing and run a drain line to a suitable location if required.



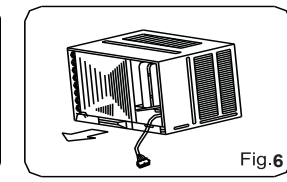
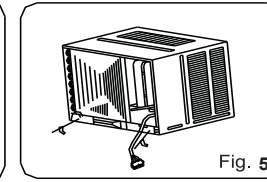
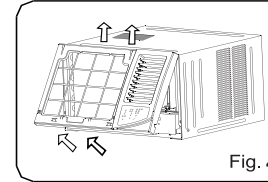
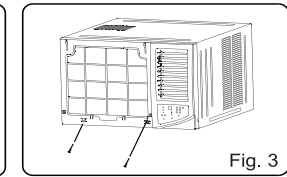
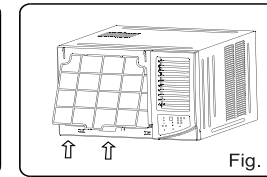
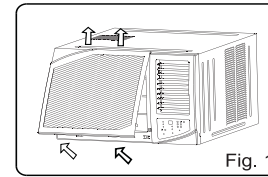
Installations of the unit into the wall



Installations steps

Step 1. Remove the front panel and the air filter

- Hold the slot under the front panel, then uplift it outwards, and remove the front panel (See Fig.1).
- Pinch the handle under the air filter and make the air filter arched, remove it from the slot from underside to upside (See Fig.2).

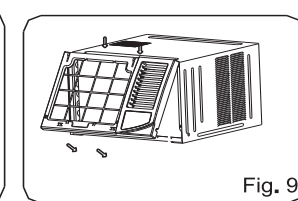
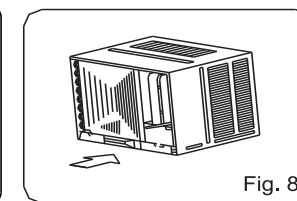
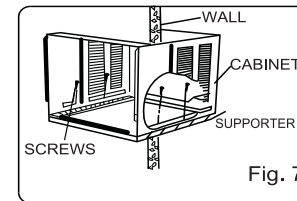


Step 2. Remove the frame

- Remove the two fixing screws from the frame (See Fig.3).
- Grasp the left corner of the frame's underside, release the coupler plugs, then loosen the frame (See Fig.4).

Step 3. Installation

- Remove the two fixing screws on the chassis fixing brackets, then remove the chassis fixing brackets (See Fig.5).
- Grasp the handle on the chassis and carefully slide the air conditioner out of the cabinet (See Fig.6).
- Remove shipping pad from around compressor before operation and make sure the discharge points to the

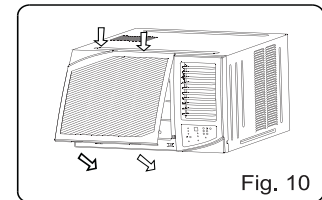


Step 4. Install the frame

Fix the screws on the frame (See Fig.3).

Step 5. Install the air filter and front panel

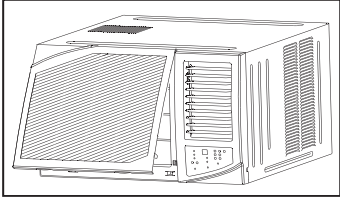
- Install the air filter into the frame's slot from upside to underside (See Fig.2).
- Hang the front panel on the frame's buckle, then press the front panel into the frame's slot until you hear a click (See Fig.10).



CARE AND CLEANING

CAUTION

Clean your air conditioner occasionally to keep it looking new. Be sure to unplug the unit before cleaning to prevent shock or fire hazards.

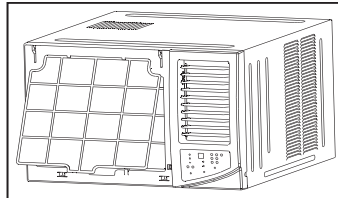


Air Filter Cleaning

The air filter should be checked at least once a month to see if cleaning is necessary. Trapped particles in the filter can build up and cause an accumulation of frost on the cooling coils.

- Hold the slot under the front panel, then uplift it onwards, and remove the front panel.
- Pinch the handle under the air filter and make the air filter arched, remove it from the underside to upside.
- Wash the filter using liquid dishwashing detergent and warm water. rinse filter thoroughly.
- Gently shake excess water from the filter. Be sure the filter is thoroughly dry before putting it back.
- Or, instead of washing you may vacuum the filter to clean.

Note: Never use hot water over 40°C (104°F) to clean the air filter. Never attempt to operate the unit without the air filter.



Cabinet Cleaning

- Be sure to unplug the air conditioner to prevent shock or fire hazard. The cabinet and front panel may be dusted with an oil-free cloth or washed with a cloth dampened in a solution of warm water and mild liquid dishwashing detergent. Rinse thoroughly and wipe to dry.
- Never use harsh cleaners, wax or polish on the cabinet and front panel. Be sure to wring excess water from the cloth before wiping around the controls.
- Excess water in or around the controls may cause damage to the air conditioner.
- Plug in air conditioner.

Note: Never use water over 50°C, alcohol, gasoline, acid, solvent or brush to clean the

TROUBLESHOOTING TIPS

Before calling for service, review this list. It may save you time and money.

This list includes common occurrences that are not the result of defective workmanship or material in this appliance.

Problem	Solution
Air conditioner does not start	<p>Wall plug disconnected. Push plug firmly into wall outlet.</p> <p>House fuse blew or circuit breaker tripped. Replace fuse with time delay type or reset circuit breaker.</p> <p>Selector Control in OFF position. Turn selector to the desired FAN or COOL setting.</p> <p>Unit turned off by moving thermostat to a higher number and then immediately turning back to a colder number. Wait approximately 3 minutes before changing. Listen for compressor to start.</p> <p>Unit turned off and then on too quickly. Turn unit off and wait 3 minutes before restarting.</p> <p>Thermostat set too low. Adjust thermostat to higher number for cooling.</p>
Air from unit does not feel cold enough	<p>Turn selector to a higher COOL position.</p> <p>Thermostat set too warm. Set thermostat to colder temperature.</p> <p>Room temperature below 18°C(64°F). Cooling may not occur until room temperature rises above 18°C(64°F).</p> <p>Temperature sensing tube is touching the cold coil located behind the air filter. Straighten tube away from coil.</p>
Air conditioner cooling, but room is too warm- ice forming on cooling coil behind decorative front.	<p>Outdoor temperature below 18 °C(64 °F). To defrost the coil, set selector to FAN position. Then, set thermostat to warmer position.</p> <p>Air filter may be dirty. Clean filter. Refer to Care and Cleaning section. To defrost, set selector to FAN.</p> <p>Thermostat set too cold for night-time cooling. To defrost the coil, set selector to a FAN position. Then, set thermostat to a warmer position.</p>

Problem	Solution
Air conditioner cooling, but room is too warm- NO ice forming on cooling coil behind decorative front.	<p>Dirty air filter restricts air flow. Clean air filter. Refer to Care and Cleaning section.</p> <p>Thermostat set too warm. Turn thermostat clockwise to a colder setting.</p> <p>Air directional louvers positioned improperly. Position louvers for better air distribution.</p> <p>Front of unit is blocked by drapes, blinds, furniture, etc. - restricts air distribution. Clear blockage in front of unit.</p> <p>Cold air escapes from opened doors, windows, registers. Close doors, windows, registers.</p> <p>Extra hot room. Allow additional time to remove "Stored heat" from walls, ceiling, floor and furniture.</p>
Air conditioner turns on and off rapidly	<p>Dirty air filter-air restricted. Clean air filter.</p> <p>Outside temperature extremely hot. Set to high cool to bring air past cooling coils more frequently.</p>
Noise when unit is cooling	<p>Air movement sound. This normal. If too loud, turn selector to lower FAN setting.</p> <p>Sound of fan hitting water-moisture removal system. This is normal when humidity is high. Close doors, windows and registers.</p> <p>Window vibration- poor installation. Refer to installation instructions or check with installer.</p>
Water dripping INSIDE when unit is cooling.	<p>Improper installation. Tilt air conditioner slightly to the outside to allow water drainage. Refer to installation instructions - check with installer.</p>
Water dripping OUTSIDE when unit is cooling.	<p>Unit removing large quantity of moisture from humid room. This is normal during excessively humid days.</p>

If the trouble has not been corrected, please contact Concepcion Midea Customer Care representative. Be sure to inform them of the detailed malfunctions and unit model number.

**Notes: Do not attempt to repair the unit yourself.
Always consult an authorized service provider.**

NOTE:

- Buttons design is based on typical model and might be slightly different from the actual one you purchased, the actual shape shall prevail.
 - All the functions described are accomplished by the unit, if the unit has no this feature, there is no corresponding operation happened when press the relative button on the remote controller.
 - When there are wide differences between "Remote controller Illustration" and "USER'S MANUAL" on function description, the description on "USER'S MANUAL" shall prevail.
 - The device could comply with the local national regulations. In Canada, it should comply with CAN ICES-3(B)/NMB-3(B). In USA, 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 operation.
 - 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 or 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.
- Changes or modifications not approved by the party responsible for compliance could void suers authority to operate the equipment.