

USER MANUAL



PROVIDING **GLOBAL SYSTEM** SOLUTIONS

**CONTROL
OLR-1X**

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SYSTEM CONFIGURATION



This control is valid for operating as a cooling only or heat pump application. The control for the indoor unit is the same for operating with outdoor units cooling only or heat pump. The indoor unit should be configured prior to making the electrical connections, by setting the switch for heat pump or for cooling only unit. For further details, follow the OPERATION AND SERVICE MANUAL in the indoor unit.

HOW TO INSERT BATTERIES

USE 2 AAA LR3 TYPE 1,5V ALKALINE BATTERIES.

Push the cover of the wire less remote control and slide it to remove. Insert batteries in the compartment, paying special attention to the correct polarity indicated in the battery compartment.

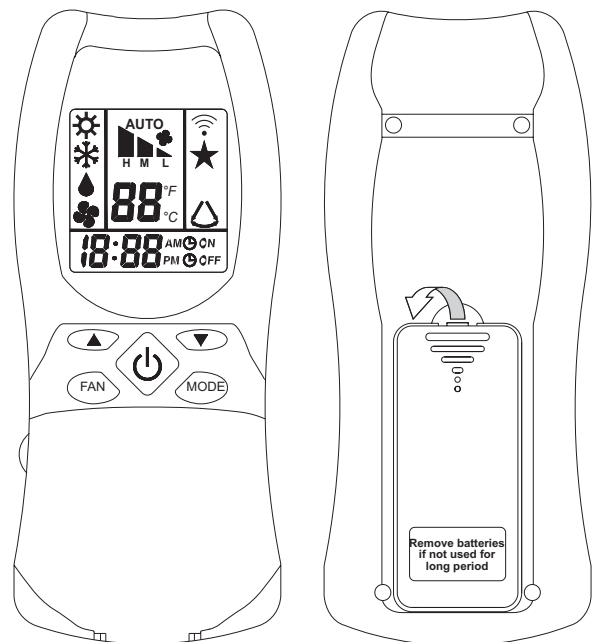
Replace the cover.

CAUTIONS

Life of batteries is about 12 months under normal conditions. If the remote control does not work, or it only works near the unit, the batteries must be replaced.

Never use used batteries. Always use the same type of battery.

The batteries must be removed from the remote control if not used for a long period.



HOW TO USE THE REMOTE CONTROL

Direct the remote control transmitter towards the unit receiver window and enter choice on the controller. A "beep" will indicate that the signal has been received.

The unit will not respond to the control signal if there is an object between the remote control and the unit.

The maximum operating range for the remote control is approximately 7 meters.

INFRARED REMOTE CONTROL

INFRARED SIGNAL TRANSMISSION

Input signals to the air conditioner are sent from here.

TEMPERATURE ADJUSTMENT BUTTONS

Used to select the desired temperature. Pressing the ▲ or ▼ buttons will increase or decrease the required room temperature value.

FAN SPEED SELECTION

Select between ventilation speeds (high, medium, low, and automatic).



SWING BUTTON

Press SWING button to activate the Air Sweep function.

ON TIMER BUTTONS

Used to program the switching ON of the unit at a specified time.

TIMER BUTTONS

Used to set clock.

LCD DISPLAY

It indicates operation modes, setting temperatures and time programming.

ON/OFF BUTTON

Press the button to start the unit, press it again to switch it off.

MODE BUTTON

Press it to select the operating function: COOL, HEAT, DRY, FAN, AUTO.

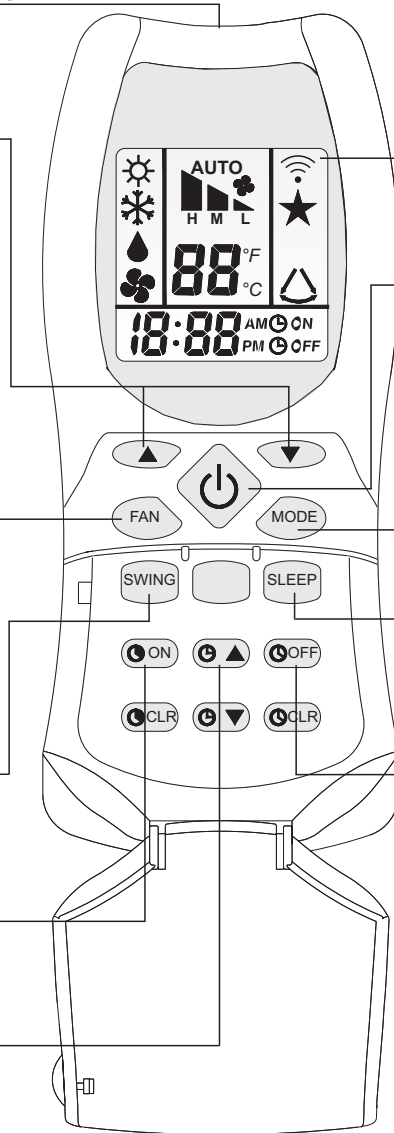


SLEEP MODE

Press it to activate the sleep or energy saving mode (Not available on fan mode operation and dry mode).

OFF TIMER BUTTONS

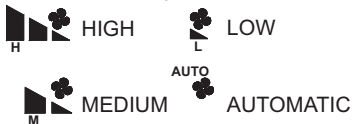
Used to program the switching OFF of the unit at a specified time.



DISPLAY INDICATORS

FAN SPEED INDICATOR

It indicates the fan speed selection.



OPERATING MODE INDICATORS

It indicates the operating mode of the unit.



TIME INDICATOR

It indicates the actual time. While ON TIMER - OFF TIMER selection, it indicates the time selected.

SIGNAL TRANSMISSION INDICATOR

It indicates that the selection made on the infrared control is being sent to the unit.

SLEEP INDICATOR

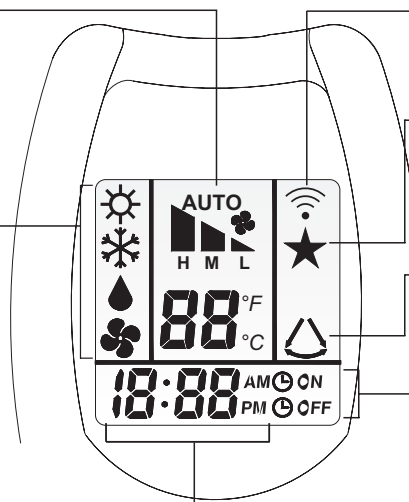
It indicates that the sleep mode has been activated.

AIR SWEEP INDICATOR

It indicates that the Air Sweep function has been activated.

ON TIMER - OFF TIMER

It indicates that the ON TIMER or OFF TIMER mode has been selected.



OPERATION

1. HOW TO TURN ON/OFF THE UNIT

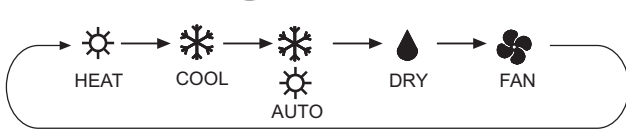


Press ON/OFF button to start or stop the unit. When the unit is stopped, if you press this button, the unit will start and the POWER indicator will be on.
When the unit is on, if you press this button, the unit will stop and the POWER indicator will be off.

2. SELECTING THE UNIT'S OPERATING MODE

The operating mode is always indicated on the display.

Pressing the button you can change the unit operating mode, and choose the one desired:



AUTO: The system switches automatically from cooling to heating mode, depending on the ambient and desired temperature.
When the unit is working on cooling mode receiver COOL indicator is on and HEAT indicator blinks. On the other hand when the unit is working on heating mode receiver HEAT indicator is on and COOL indicator blinks.

COOL: The unit is working on cooling mode to reach the temperature desired. Receiver COOL indicator is on.

HEAT: The unit is working on heating mode to reach the temperature desired. Receiver HEAT indicator is on.

FAN: The unit is working on fan operating mode.

DRY: The unit is working on dry operating mode.

3. SELECTING DESIRED ROOM TEMPERATURE (SET-POINT)

Pressing the buttons or allow to select the desired room temperature (set-point).

The button allows the increase of the current set-point.

The button allows the decrease of the current set-point.

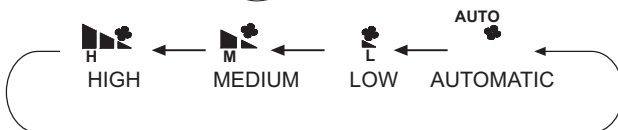
The temperature range is from 16°C / 60°F to 30°C / 85°F.

To change from °C to °F or vice versa, press the buttons and at the same time.

NOTE: if we have selected FAN as the unit operating mode, the set-point can not be modified.

4. SELECTING THE FAN OPERATING MODE

Pressing the button you can change the desired fan speed, according to the following sequence:



NOTES:

- If FAN mode is selected, the AUTO fan operating mode can not be selected.

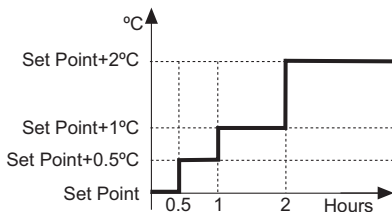
- If DRY mode is selected, the fan operating mode can not be changed.

- Even though LOW speed has been selected on HEATING mode, the unit protects itself changing automatically the speed.

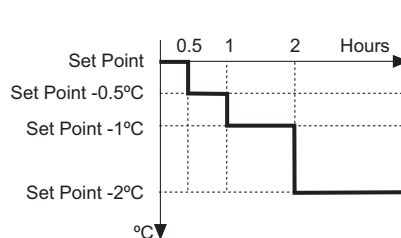
5. SLEEP FUNCTION

Press the button to activate this function; the symbol will be displayed on the remote control.

COOLING MODE FIG. 1



HEATING MODE FIG. 2



SLEEP FUNCTION ON
Increase the set point temperature as the above drawing shows (FIG. 1).

SLEEP FUNCTION ON
Decrease the set point temperature as the above drawing shows (FIG. 2).

6. SWING FUNCTION

Press the button to activate this function; the symbol will be displayed on the remote control.

7. CONDENSATE PUMP

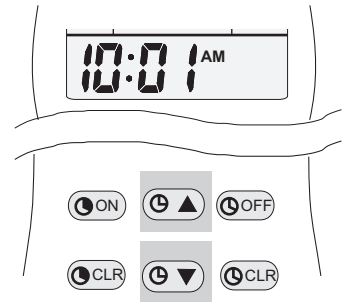
The condensate pump starts automatically to work when the compressor is working on cooling mode or when the float switch indicates overflow.

PROGRAMMING ADJUSTMENT

CLOCK

Press or for 2 seconds to activate; current clock setting will decrease/increase at 1 minute interval upon each press or .

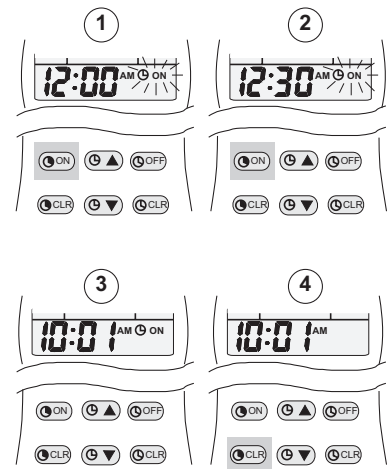
The speed of interval updating will increase after 4 second of continuous key press or . It will update at high speed after 6 second of continuous key press or .



PROGRAMMING START UP OF THE UNIT (ON TIMER)

To turn on the air conditioner unit if previous status is off.

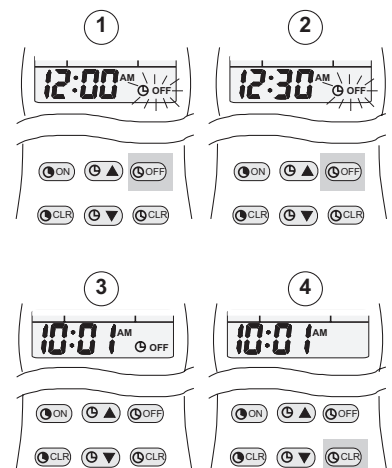
- ① Press to activate ON TIMER. While programming process, the ON symbol will flash on the display.
- ② The first press of button will show the previous time setting. Further pressing of the button will advance the time setting in 30 minutes interval.
- ③ 2 seconds after do not press ON button, the signal is sent to the unit. You can see the actual time and symbol remains on the display.
- ④ Press to deactivate ON TIMER. The symbol will disappear.



PROGRAMMING STOP OF THE UNIT (OFF TIMER)

To turn off the air conditioner unit if previous status is on.

- ① Press to activate OFF TIMER. While programming process, the OFF symbol will flash on the display.
- ② The first press of button will show the previous time setting. Further pressing of the button will advance the time setting in 30 minutes interval.
- ③ 2 seconds after do not press ON button, the signal is sent to the unit. You can see the actual time and symbol remains on the display.
- ④ Press to deactivate OFF TIMER. The symbol will disappear.

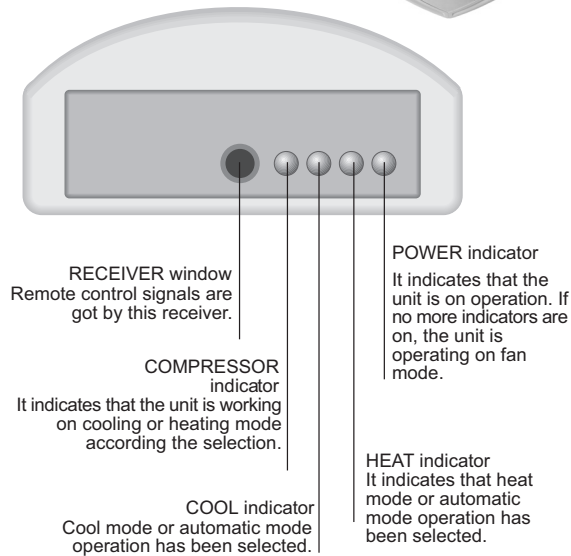


The regular use is to combine ON TIMER and OFF TIMER.

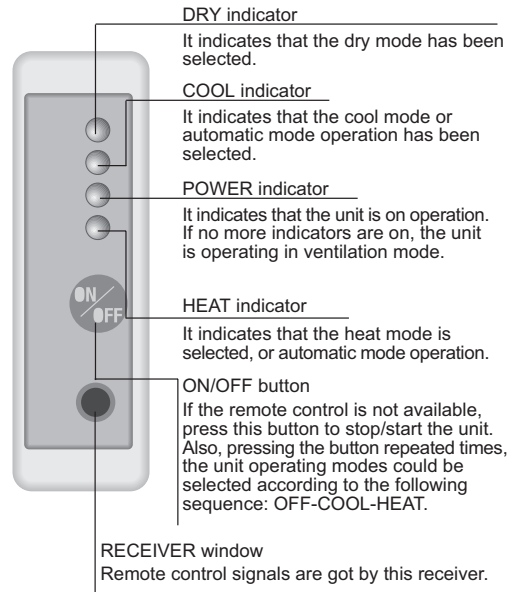
ON TIMER AND OFF TIMER functions remain stored until the cancellation keys are pressed, to profit from the programming for several days.

RECEIVER INDICATORS AND ON/OFF BUTTON SETTING IN THE INDOOR UNIT

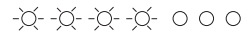
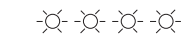

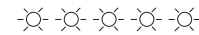

VERSION 1 (CASSETTE MODEL)



VERSION 2 (CEILING MODEL)



ALARM

	DESCRIPTION	EFFECTS	ACTION	INDICATION
ANTI-FREEZE PROTECTION	The unit is working on cooling mode and the indoor unit coil temperature goes below a set value.	The unit will stop.	The unit is working and the temperature in the indoor unit coil is too low: Check the selected temperature. If the alarm doesn't disappear check the correct functioning.	Ceiling model: No indication. Cassette: The compressor led blinks while the rest of the leds remain the way they were.
BROKEN SENSOR DETECTION	Ambient temperature regulation probe error.	The unit will stop	Check sensor connection.	Ceiling model: Sequence: The Power led is 4 seconds on and 3 seconds off. Power:  Cassette: All leds are off.
HEAT OVERLOAD	Compressor overload. During heating cycle the indoor coil temperature has been too high.	The unit will stop	These protections are automatic reset for the first time. To reset for the second time press button "ON/OFF" until the alarm disappears. If the alarm shows up again, please check: - Indoor coil temperature probe connections. - Indoor unit works properly - Clean air filters.	Ceiling model: Sequence: The Cool led blinks while the Power led blinks once every four seconds. Cool:  Power:  Cassette: Sequence: The Cool led blinks while the Power led is on.
OVERFLOW	Overflow of water condensing. The float switch, has detected water Overflow.	The unit will stop	These protections are automatic reset, the alarm resets automatically when there is no more water. If the alarm shows again: Check the water drain, and the float switch connections.	Ceiling model: Sequence: The cool led blinks 5 times, while the Power led is 3 seconds off and 2 seconds on. Cool:  Power:  Cassette: Sequence: The Cool led blinks while the Power led is on.

UNIT PROTECTION DEVICES

AGAINST FREQUENT COMPRESSOR CYCLING

When COOL / HEAT / AUTOMATIC is selected, the start up of the unit will be delayed for 3 minutes, to protect the unit against frequent compressor cycling.

AIR PREHEATING

On heating mode, the indoor unit fan will not start or will start at low speed, to prevent from air cool feeling, until the indoor unit temperature reaches the set temperature; then the unit will operate to the selected temperature.

DEFROST CYCLE

When the unit is operating on heating mode, the unit will do defrost to eliminate the ice that will produce the outdoor unit; on this cycle, the indoor unit fan will switch off.

AUTO RESTART

If power failure occurs during operation, the unit will start (after power recovery) in the same operation mode as before.



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