OPERATING MANUAL

NETWARE 3

Events Togging	Key	Action
1. Override Function	HOUR	- Press 1 time, 1 hour - Press 2nd time, 2 hours - Press 3rd time, 3 hours
2. Fan key lock	DAY	- Press 3 times
3. All keys lock function	MINUTE	- Press 3 times
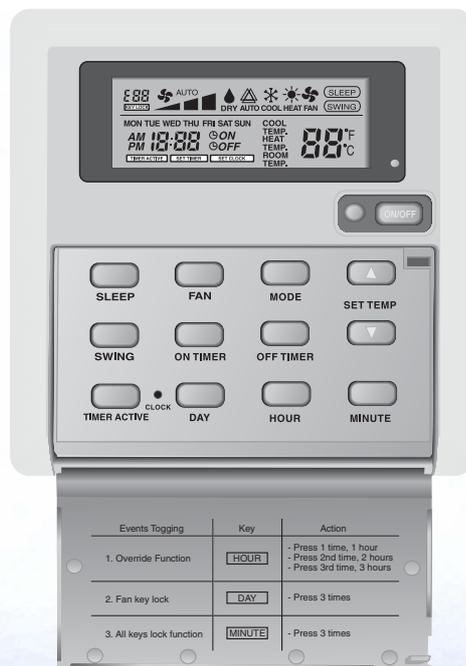
Before using your air conditioner, please read this operating manual carefully and keep it for future reference.

OM-N3.1

NETWARE 3 OUTLOOK

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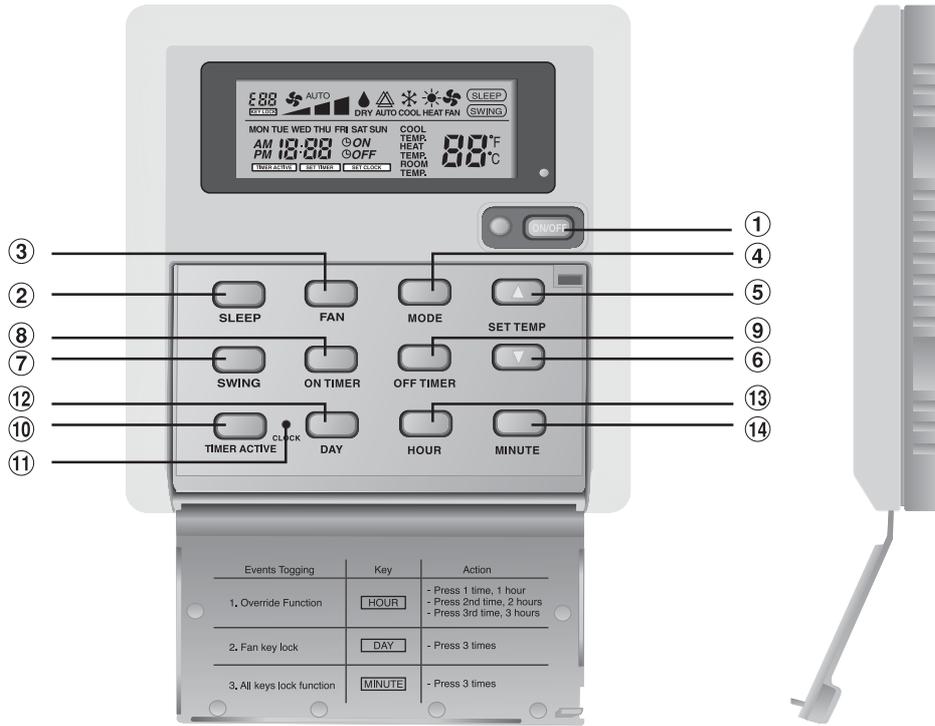
1.0 **OPERATING GUIDE**

There are all together 14 keys on the Netware 3 wired controller.

NO	KEY	FUNCTION
1.	**ON/OFF**	On/Off the unit with overriding all the timer settings
2.	**SLEEP**	Activate/deactivate Sleep function
3.	**FAN**	Select Fan speeds control (Auto/High/Med/Low)
4.	**MODE**	Select operating Modes control (Cool/Heat/Auto/Dry/Fan)
5.	**SET TEMP UP**	Increase set temperature in °C or °F
6.	**SET TEMP DOWN**	Decrease set temperature in °C or °F
7.	**SWING**	Activate/deactivate Swing control
8.	**ON TIMER**	Enable/disable the Event 1, 2 and 3 ON TIMER setting mode
9.	**OFF TIMER**	Enable/disable the Event 1, 2 and 3 OFF TIMER setting mode
10.	**TIMER ACTIVE**	Activate/deactivate all set timers
11.	**CLOCK**	Enable/disable the Real Time Clock (RTC) setting mode
12.	**DAY**	a) Select the day for RTC or timer setting b) Enable/disable FAN Key lock
13.	**HOUR**	a) Select the hour for RTC or timer settings b) Set Override function for 1, 2 or 4 hours
14.	**MINUTE**	a) Select the minute for RTC or timer settings b) Enable/disable key lock

Note : Override Function

Press the HOUR key once will activate the override function for 1 hour. An indicator "H1" will show on the top left corner of the LCD. Press the same key again will increase the setting to 2 hours. An indicator "H2" will be shown. Press the 3rd times increase the setting to 4 hours. An indicator "H4" will be shown. Subsequent press will deactivate the override function.

When the Override function is activated, all the timers will bypassed and turn ON the unit for a fix periods of 1 hour, 2 hours or 4 hours depends on the selection, after which it will turned off.

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1.1 **ON/OFF** Button
- Starting Operation:
  When the unit is turned off, press the **ON/OFF** button.
  The operation LED lights and the unit is turned on.
- Stopping Operation:
  When the unit is turned on, press the **ON/OFF** button. The operation LED is extinguished and control are turned off.

1.2 **SLEEP** Button
Press **SLEEP** button to activate the sleep mode or energy saving mode.

1.3 **FAN** Button
Press **FAN** button to select *AUTO*, *HIGH*, *MEDIUM* or *LOW* fan speed.

1.4 **MODE** Button
Press the **MODE** button to switch operation from *COOL*, *HEAT*, *DRY*, *FAN*.
Check the display to see in which mode the control is set.

1.5 '▲' or '▼' Set Temperature Button
Press the temperature button and set the temperature of your choice. By pressing the '▲' or '▼' button once, temperature changes by 1°C [or 1°F].
Temperature can be set within the range 16°C~30°C (61°F~86°F) or 20°C~30°C (68°F~86°F). The range can be set by adjusting the shunt jumper behind the LCD remote (refer table below).
During fan mode, temperature can not be set.
If pressing '▲' and '▼' together, the unit of temperature will change from °C to °F and vice-versa.

Jumper 20 - 30	Application
SET	Set temp range : 20°C ~ 30°C (68°F ~ 86°F)
OFF	Set temp range : 16°C ~ 30°C (61°F ~ 86°F)

1.6 **SWING** button
Press **SWING** button to activate the air sweep function.

1.7 **Time Setting**
i) Set Real Time Clock Setting
   Press CLOCK key one time will activate RTC setting mode. Pressing the same key again will disable RTC setting mode.
   Under RTC setting mode, "SET CLOCK" will be shown on LCD and it will blink at 0.5 sec interval. The RTC and Day setting can be changed by pressing DAY key, HOUR key or MINUTE key. If there is no further time related (DAY, HOUR and MINUTE) key is pressed for 15 sec, the unit will quit from the CLOCK setting mode.

ii) 7-Day Programmable Timers
   The unit has 3 event functions, each event has an ON TIMER and an OFF TIMER. Press the timer key (ON TIMER or OFF TIMER) will enable Event 1 timer setting mode. Press the same key again will enable Event 2 timer setting mode. Press the 3rd times will enable the Event 3 (Event handset) timer- setting mode. Subsequent key pressed the unit will quit from timer setting mode.
   All timers are event triggered timers and can be overridden by the ON/OFF button and Override function.

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iii) Set Event 1 and Event 2 Timers

Under timer setting mode, "SET TIMER" will be shown on LCD and blink at 0.5 sec interval. For Event 1 Timer setting, '⊕ ON' or '⊕ OFF' indication will appear and digit "1" will be displayed on the top left corner of the LCD. '⊕ ON' or '⊕ OFF' indication and digit "2" will be displayed during Event 2 timer setting. The timer setting can be changed thru pressing the DAY key, HOUR key or MINUTE key. If there is no further time related (DAY, HOUR and MINUTE) key is pressed, the unit will quit from the timer setting mode.

iv) Set Event 3 Timer via remote control (Optional)

This timer can be controlled separately thru remote control as well as ON TIMER or OFF TIMER keys. Timer 3 can be set like timers 1 and 2 like above except the DAY setting is not provided as this timer setting is valid everyday. An indicator '3' will display during the Event 3 timer setting mode. '⊕ ON' or '⊕ OFF' will blink at 0.5 sec interval during the timer setting. If there is no futher time related (DAY, HOUR and MINUTE) key is pressed, the unit will quit from the timer setting mode.

The ON/OFF timer setting received from remote control will override the Event 3 timer setting from the unit.

1.8 Activating and canceling timers

These timers will not triggered if the timer is not active. To activate the timers, press the TIMER ACTIVE key unit "TIMER ACTIVE" appears on LCD. This symbol is to indicate Event 1, Event 2 and/or Event 3 timers are active. Pressing the same steps will deactivate the timers and "TIMER ACTIVE" symbol will disappear.

Another method to cancel the timers setting is changed all the hour setting of the timers to null one by one. When the setting is null, the LCD display --:--, then this respective timer will be disable.

1.9 Key Lock

These key lock function to inhibit any setting change. Press the MINUTE key 3 times consecutively will activate key lock function, "KEYLOCK" will be shown on LCD. Upon all the keys are locked, only ON/OFF key and MINUTE key can be pressed. To cancel the key lock function, press the MINUTE key 3 times consecutively, the word "KEYLOCK" will be disappeared.

1.10 Fan Lock

When the DAY key is press 3 times consecutively within 1.5 sec, the fan symbol (shown above) will disappear and fan key will be inhibit from pressing. Press the DAY key 3 times to cancel the fan lock function.

1.11 Battery Backup

Battery backup is used to retain the RTC and 7-days programmable timer settings during power down. For unit without battery backup, the default setting will be 12:00 am the timer clear during power up.

2.0 ERROR INDICATOR

If any abnormal condition detected, an error code will be shown. When the transmission line between the main board and the unit line is opened, an error code 'EOP' will be shown. For those errors detected from main board, the format of error code will be as following:

Error	Seven Segments
Room Sensor missing/Short	E1
Indoor coil sensor missing/Short	E2
Outdoor coil sensor missing/Short	E3
Compressor overload	E4
Outdoor abnormal compressor overload trip or gas leak	E5
Condensate water pump fault	E6

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3.0 INSTALLATION OF LCD REMOTE CONTROLLER

3.1 Accessories

The following accessories are included together with this manual. If any part is missing, contact your dealer immediately.

① Remote controller
② Wooden screw 4.1 x 16 (2 pieces) & machine screw (2 pieces)
③ Instruction manual
④ Battery

3.2 Step-by-step guide

i)   First, open up the casing of the LCD remote controller into its top and bottom case using a screwdriver. To do this, insert the screwdriver into the lower slot and slide it in the outward direction.

ii) Fix the bottom case onto the wall with the 2 wooden screws provided.
     Then, insert the 4-pin connection wires (from main board) through the slot on the upper center of the case as shown below.

iii) To select cooling only model or heatpump model, some adjustment required in the shunt jumper setting.

iv) Fasten back the top and bottom case into place. Hook the two upper claws into their respective slots and snap the lower part shut.

LCD Remote (Top case)

Lower slot for opening LCD casing

Connection wires

2 x Wooden screw

LCD Remote (Bottom case)
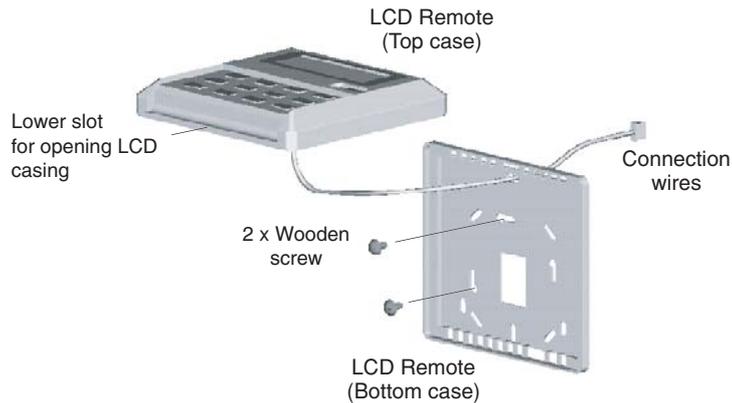
SHUNT JUMPER SETTING FOR MODEL SELECTION

J H	JD	Application	Model/Remark
OFF	OFF	AUTO DETECT	Depends on main board
OFF	SET	DX system	Export cool (EC)
SET	OFF	DX system	Heatpump (HP)
SET	SET	AUTO DETECT	Auto heatpump (AP)

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