

# CENTRALIZED REMOTE CONTROLLER

## NEXT GENERATION CONTROLLER G-50A

**Up to 50 units of packaged air conditioners can freely be monitored and operated!**  
**Furthermore, it has enabled the Monitoring and Operation Via a Web Browser on a Personal Computer connected by using a LAN or telephone line!**



First in the industry  
With Web Server  
Functions!



- **Simple and Flexible**

This new generation controller is suitable for small to large systems with simple to complex functions available.

- **Web Browser**

Enables monitoring and operation of air conditioning units using a PC with Microsoft Internet Explorer.

- **Remote Access**

Allows users to remotely monitor and operate the air conditioning units using a PC connected to a telephone line.

- **Auto Alarm**

In case of any malfunction, necessary information will be sent to a mobile phone and/or personal computer by e-mail.

- **Easy to Upgrade**

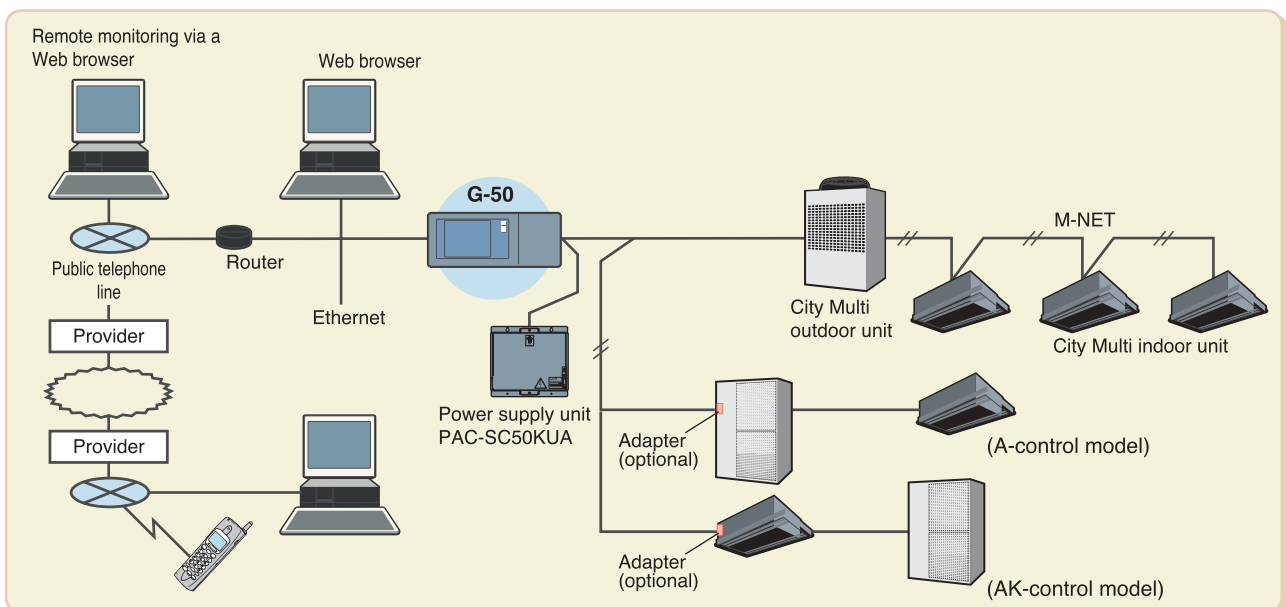
Various new functions will be introduced gradually and can easily be down loaded into any existing G-50A.

Example : Energy Monitoring  
 Demand Control  
 Annual Schedule

### Example of display icons (air conditioner icons)

	Operation		In timer operation
	Stop		Lossnay on
	Occurrence of abnormality		Under energy-saving control
	Operation/ Occurrence of a filter sign		

### System Structure (Example)



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### Functions

□ : Each unit    ○ : Each group    X : Not available

Item	Description	Operations	Display
ON/OFF	Run and stop operation for the air conditioner units	○	○
Operation mode switching	Switches between Cool / Dry / Auto / Fan / Heat. (Group of LOSSNAY unit : automatic ventilation/ vent - heat interchange/ normal ventilation) Operation modes vary depending on the air conditioner unit.	○	○
Temperature setting	Range of temperature setting Cool/Dry : 19°C - 30°C (66°F - 86°F) Heat : 17°C - 28°C (63°F - 82°F) Auto : 19°C - 28°C (66°F - 82°F) * Range of temperature settings vary depending on model.	○	○
Fan speed setting	Models with 4 air flow speed settings: Hi/Mid-2/Mid-1/Low Models with 3 air flow speed settings: Hi/Mid/Low Models with 2 air flow speed settings: Hi/Low	○	○
Air flow direction setting	Air flow direction angles 100% - 80% - 60% - 40%, Swing, *1: Louver cannot be set. Air flow direction settings vary depending on the model.	*1 ○	○
Timer operation	For one day, you can set start/stop three times and you can set enable/disable three times. For a week's schedule, you can store three start/stop patterns and one enable/disable pattern. *2: When the timer is set, "Timer enabled" is shown on the operation setting screen of the LCD.	○	*2 ○
Permit / Prohibit local operation	Individually prohibit operation of each local remote control function (Start/Stop, Change operation mode, Set temperature, Reset filter). *3: When the local remote controller inactivation command is received from the master system controller, "Disabled" appears in inverted display on the operation setting screen.	○	*3 ○

Item	Description	Operations	Display
Indoor unit intake temperature	Measures the intake temperature of the indoor unit only when the indoor unit is operating.	X	○
Error	When an error is currently occurring on an air conditioner unit, the afflicted unit and the error code are displayed. *4: When an error occurs, the LED flashes. The operation monitor screen shows the abnormal unit by flashing it. The error monitor screen shows the abnormal unit address, error code and source of detection. The error log monitor screen shows the time and date, the abnormal unit address, error code and source of detection.	X	*4 □
Test run	This operates air conditioner units in test run mode.	○	○
Ventilation equipment	The interlocked system settings can be performed by the master system controller. When setting the interlocked system, you can use the ventilation switch to switch the free plan LOSSNAY settings between "Hi", "Low" and "Stop". When setting a group of only free plan LOSSNAY units, you can switch between "Normal ventilation", "Interchange ventilation" and "Automatic ventilation".	○	○
External input/output	By using accessory cables you can set and monitor the following. Input By level signal: "Batch start/stop", "Batch emergency stop" By pulse signal: "Batch start/stop", "Enable/disable local remote controller" Output "Start/stop", "Error/Normal" *5: Requires the external I/O cable (PAC-YG10HA-E) sold separately.	*5 ○ collective	*5 ○ collective

### External dimension

