



## LCD-2001-IR SERIES AIR CONDITIONING MICROPROCESSOR CONTROLLER



### INTRODUCTION.

The LCD-2001-IR microprocessor controller incorporates the latest innovations in both hardware & software design. The integration of these latest advances in microcomputer technology provide the equipment manufacturer with enhanced system performance and a high level of reliability. A combination of stylish design with the large backlit LCD display & easy to use button layout increase consumer appeal for the air conditioner.

### FEATURES.

- New millennium style compact LCD-IR casing.
- Soft pastel back lit LCD display.
- Large easy to read LCD screen (40 x 28mm).
- Real time clock.
- Auto start/stop timer.
- Easy to use soft touch buttons.
- Display temperature selection option °C or °F.

### FUNCTIONS.

#### Operating modes.

- The control has a choice of 5 operational modes. On pressing the mode button the LCD display will illuminate & the mode icon will be displayed. With each press of the mode button the mode icon will change to indicate the mode selected. The available modes are:  
Fan → Dry → Cool → Heat → Fuzzy.  
(Selected mode indicated on display).
- Fan speed selection – Auto → High → Medium → Low.  
(Icon indicates fan speed selected).
- Sleep function – Set on (Icon on) → Set off (icon off).
- Louvre operation – Set on (Icon on) → Set off (icon off).



### SYSTEM CONTROL & OPERATION.

The following air conditioner control functions are provided by the LCD-2001-IR controller.

- System start/stop.
- Room temperature selection.
- 3 fan speed plus auto control.
- Indoor coil de-ice in cool/dry mode.
- Indoor fan control for system warm up in heat mode.
- Condensate pump control.
- Outdoor coil defrost control.
- Outdoor condenser fan control.
- Compressor re-start protection.
- Low voltage shut down.
- Optional auto restart after power failure.
- Indoor fan runs continuously in cool mode.
- Indoor fan stops when compressor off in heat mode.
- Batteries supplied 2 pcs UM-4.