



BASICMASTER and MINIMASTER/IO

Extra Low Voltage User Controls
(for use with frequency inverters)

CE The EMC Directive 89/336/EEC
With modification 92/31/EEC
The Low Voltage directive 73/23/EEC

ecosmart
energy saving control

The Basicmaster and Minimaster user controls are compatible with our range of frequency inverter speed controls and designed for simple and easy management of inverter and fan.

Parts check list:

BASICMASTER

- Manual control
- 1 off 10 metre length of plugged SELV cable

MINIMASTER/IO

- 7 Day Timeclock control
- 1 off 10 metre length of plugged SELV cable

BASICMASTER

- Offers a facility to manually vary fan speed, via a rotary dial, between the minimum and maximum speeds set within the inverter parameters.
- Two faced-mounted system status lights record power (green) and fan status (green/red).

MINIMASTER-IO

- Manually vary speed via the key pad within the minimum and maximum speeds set at the inverter.
- Programme the seven day timer via the key pad (21 on/off programmes).
- Manually override the timer via the key pad.
- Manually set 'holiday mode' without disruption to timer settings.

Handling

Always handle the controls carefully to avoid damage and distortion.

Installation

The installation must be carried out by competent personnel in accordance with the appropriate authority and conforming to all statutory and governing regulations i.e. IEE, CIBSE, CCHSE, HVCA etc.

The unit is suitable for indoor use only. Mount on a secure, vibration free vertical surface away from any direct source of heat and areas where it would be subjected to waterspray. The maximum permissible ambient temperature is 40°C.

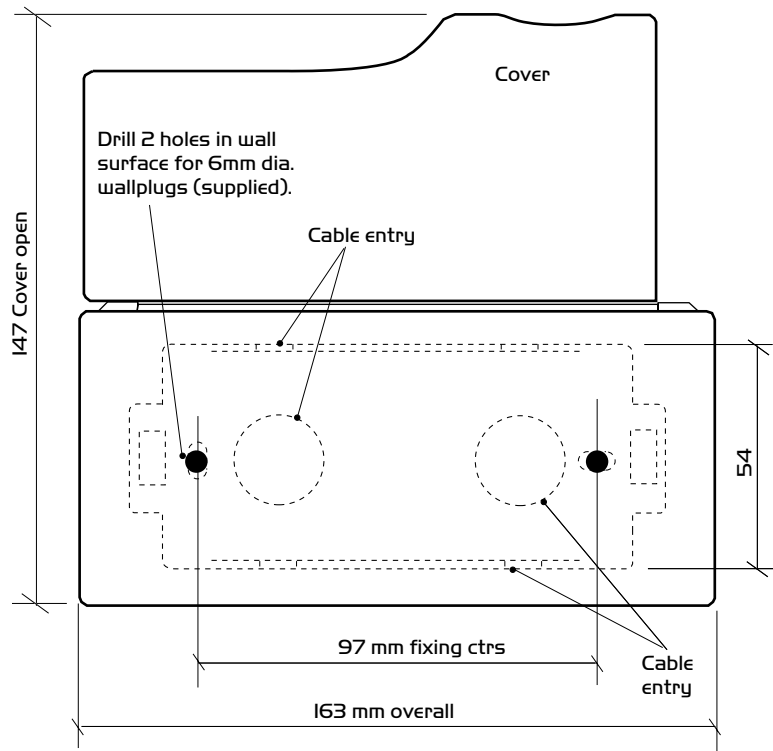


Figure 1. Drill pattern and fixing details.

Unit dimensions and weights

	A	B	C	Weight
Basicmaster	163	40	75	0.25 Kg
Minimaster	163	23	75	0.17 Kg

a) Remove the backing plate/mounting cradle shown dotted in figure 1. Offer the cradle to the selected mounting position, mark and fix.

b) Draw approx. 75mm of data cable through the cradle and plug in to the rear socket of the control, paying particular attention to plug/socket colour code for correct orientation

c) Finally clip the control into the cradle. The matched frequency inverter will have been pre programmed to suit the user control prior to delivery. Install the inverter in accordance with the instructions provided with it. Connect the other end of the data cable to the inverter, remove the plug from the data cable and terminate, following the instructions provided with the inverter.

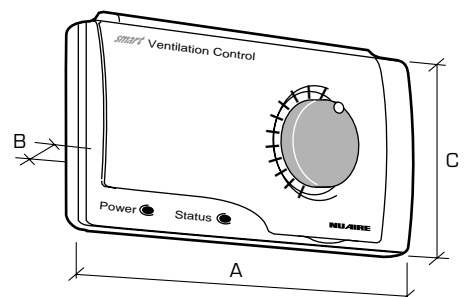


Figure 2.

Data cable installation

A 4-core 10 metre length of SELV data cable is used to connect devices. Longer lengths are available if required. Do not run data cable in the same conduit as the mains cables and ensure there is a 50mm separation between the data cable and other cables. The maximum cable run between any two devices is 100m when it is installed in accordance with the instructions.




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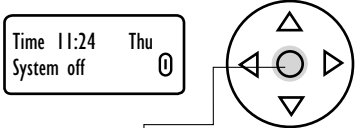
Leaflet Number 671198 May 2003


MINIMASTER/IO

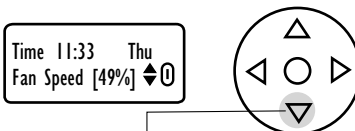
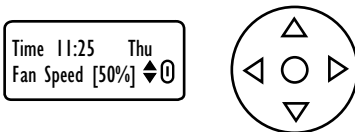
Programming the unit


Basic Operating Functions

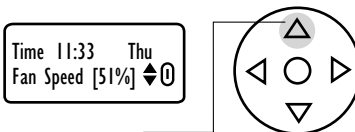
The 7 day timer has instructed the control to turn the system off. To advance the control to the next timer setting press the  central button.




Pressing the centre  button selects the next operating mode.



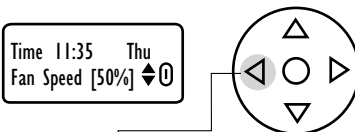
Pressing the  button will decrease the fan speed.



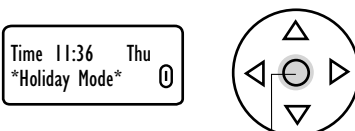
Pressing the  button will increase the fan speed.


Holiday Mode

In holiday periods, you might want the system to stay off.

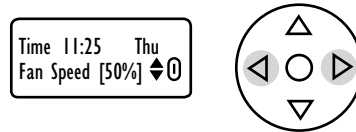




Press the  button for 10 seconds to activate Holiday Mode.

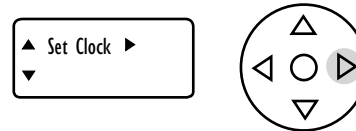



Press the  button to exit Holiday Mode.

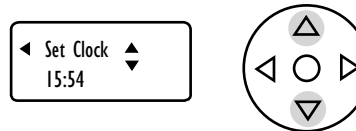
Setting the Time






Press the  and  buttons together. This will display the set-up menu.



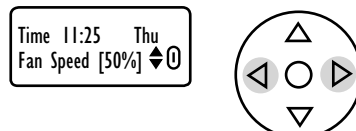
Press the  button to set the time setting.





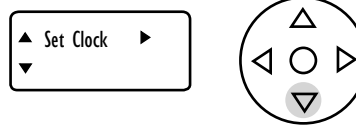
Increase or decrease by pressing either the  or  button. Hold button down to run quickly through hours. Shorter presses set minutes.


When you have finished adjusting the time, press the  button.

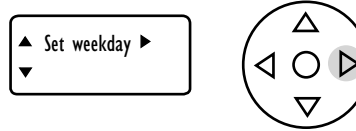
Setting the weekday




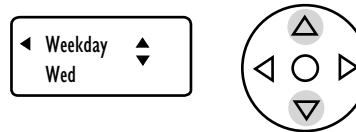
Pressing the  and  buttons together. This will display the set-up menu.





Press the  button twice to move the programme setting.



Press the  button to select the weekday option.



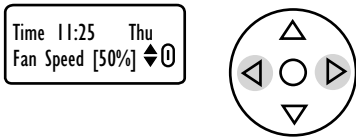
Press the  or  button to select the weekday required.

When you have finished press the  button.

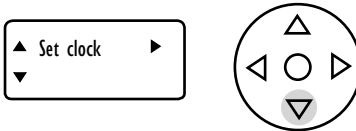
MINIMASTER/IO

Programming the unit cont

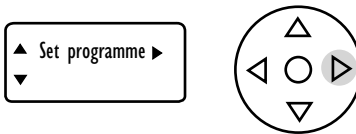
Setting the 7 day timer



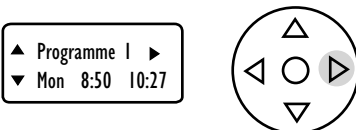
Pressing the ◀ and ▶ buttons together. This will display the set-up menu.



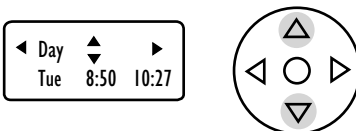
Press the ▼ button twice to move the programme setting.



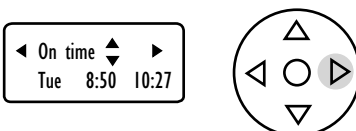
Press the ▶ button to set the programme setting. (21 programmes).



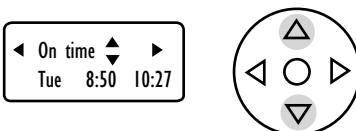
Press the ▶ button and the weekday will flash.



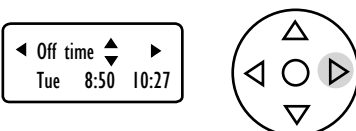
Press the ▲ or ▼ button to select the day required.



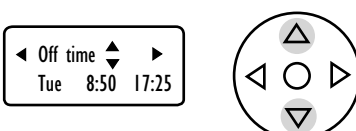
Press the ▶ button and the On time will flash.



Press the ▲ or ▼ button to select the On time required.

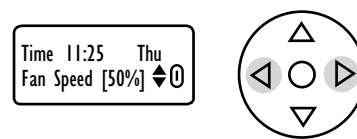


Press the ▶ button and the Off time will flash.

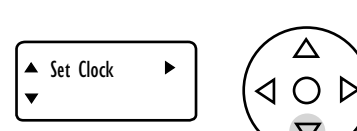


Press the ▲ or ▼ button to select the Off time required. When you have finished press the ○ button.

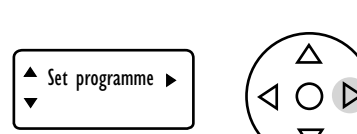
Cancelling a Programme



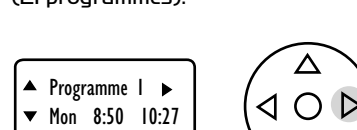
Press the ◀ and ▶ buttons together. This will display the set-up menu.



Press the ▼ button twice to move to programme setting.



Press the ▶ button to set the programme setting. (21 programmes).



Press the ▶ button and the weekday will flash.



Press the ▲ ▼ buttons until **Unused** is shown. When you have finished press the ○ button.

Maintenance

The user control does not require any maintenance. However, for optimum performance, it is advisable to remove any accumulated dust with a low power vacuum cleaner.

NOTE: Installation and Maintenance of the equipment must be as directed in the instructions provided with the unit.

3 Year Warranty

The 3 year warranty starts from the day of delivery and includes parts and labour for the first year.

The remaining 2 years covers replacement parts only.

The warranty is subject to the equipment having been installed and maintained in full compliance with these instructions.

Service Enquiries

Nuaire can assist you in all aspects of service. Our service department will be happy to provide any assistance required, initially by telephone and if necessary arrange for an engineer to call.

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