USER MANUAL

WIRED CONTROLLER

IQOOL-WIREDCASCTRL

Read these instructions carefully and keep them safe for future reference.

SETTLING IN OK?

We hope this has been helpful to you.

We would love to see how you're getting on with your new purchase, so please share any snaps you have on the platform of your choice below.

Our community awaits your uploads - Snap, tag and hashtag away!

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#electriQUK

WE'RE HERE TO HELP

Should you have any problems or questions with your purchase, please contact a member of our customer service team.

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support@electriQ.co.uk

Mon-Fri | 9am to 5pm

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SAFETY WARNINGS

Before attempting installation, the installation manual must be fully read and understood.

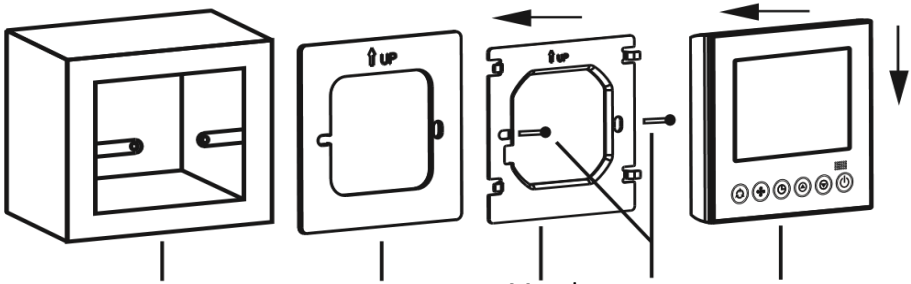
- Check the product model and specification to ensure they meet the requirements of the appliance before installation.
- When choosing a suitable position for installation, consideration should be made to avoid external influences which may damage the unit, shorten its life, or make the unit unsafe. Places to avoid include:
  1. Areas in the vicinity of flammable gasses.
  2. Areas where the unit may be splashed by liquids or oils.
  3. Areas likely to experience extremes of temperature.
  4. Areas exposed to high levels of electromagnetic radiation.
  5. Any place with high levels of humidity.
- This unit is designed to be installed by a professional air conditioning engineer.
- Do not operate this unit with wet hands or allow it to come into contact with water. An electric shock or short circuit may occur.
- Do not attempt to modify or repair the unit. This must only be attempted by a qualified engineer under the instruction of the manufacturer.
- Ensure that the power supply is disconnected from the unit before attempting to open the shell.
- Ensure the interconnecting cables are suitably rated for the application and that they are routed in a way to prevent damage during installation and use.
- This unit is only designed for use with the air conditioners listed. Do not attempt installation with any other equipment without confirmation from the manufacturer.
- Ensure that any fixings used to wall mount the unit are suitable for the type of wall.

- Before drilling holes, care should be taken to avoid any hidden pipework or cables. If in doubt professional advice should be sought.
- Maintenance and repair of this product should only be carried out by a qualified professional.
- Keep this manual safe for future reference or for use by a third party.
- The correct use of this product is detailed in this manual. Failure to follow the instructions may result in damage or injury.
- All installation and service carried out on the appliance must conform to the corresponding local standards, laws and regulations.
- This controller is designed to be used with a selection of different cassette units and the availability of functions is dependant on the appliance it is connected to.

NOTE: Due to continuous product development, products may not exactly correspond to the illustrations in this manual.

INSTALLATION INSTRUCTIONS

The power must be disconnected from the cassette unit when wiring in the controller.



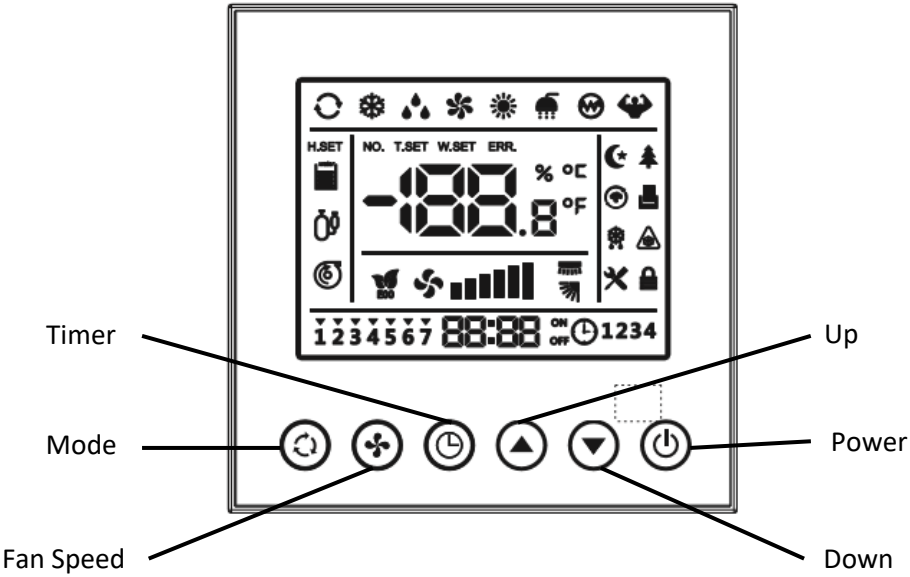
1) Attach the Back box to the wall using suitable fixings for the wall type.
2) Route the wire from the controller through the Backing plate, Spacer and back box.
3) Attach the Backing Plate to the Back Box, with the spacer sandwiched between them, using the two screws provided.
4) Clip the wired controller onto the Backing Plate.
5) Connect the wires from the controller to the cassette unit, following the information in the installation manual for the cassette unit.

ON FIRST USE

- When the wired controller is first connected it will do a self-check and initialisation of the connection with the cassette unit. All the icons and symbols on the display will turn on for 5 seconds before the controller returns to standby mode.
- Once this is complete, press the POWER button once to start the controller, press again to turn it off.
- To reset the connection with the cassette unit, hold the POWER button for 5 seconds.

NOTE: During initialisation, all buttons on the wired controller are deactivated.

CONTROL PANEL



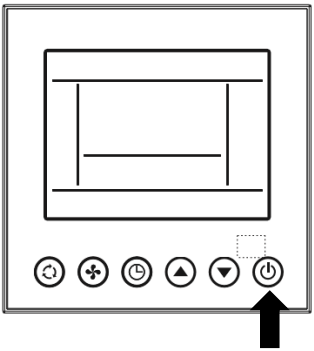
SYMBOL LIST

	Sleep		Health		Door Card		Defrost
	Anti-freeze		Set		Child Lock		Eco Mode
	Vertical Swing		Horizontal Swing		Centigrade		Fahrenheit
	Electric	ERR.	Error		Water Level		Water Pump Sign
W.	Current Water Temperature	T.	Ambient Temperature	SET	Set Temperature		Compressor
ON	Timer ON	OFF	Timer OFF		Turbo		

Available features will depend on the functions of the air conditioner it is connected to.

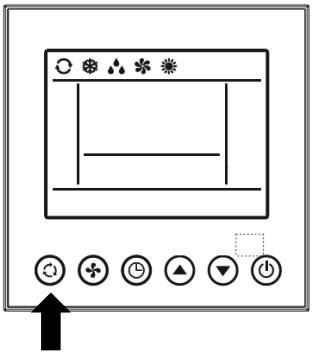
USING THE WIRED CONTROLLER

TURNING ON AND OFF



- Press the power button to turn the controller on.
- Press again to turn the controller off.

SELECTING THE MODE

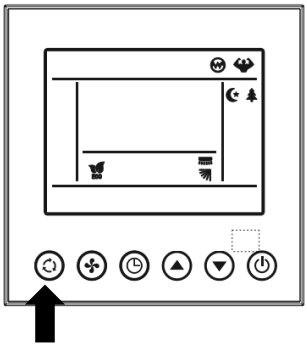


- Press the MODE button to change between the different operating modes for the air conditioner. Choose between:

	AUTO MODE
	COOLING MODE
	DEHUMIDIFYING MODE
	FAN MODE
	HEATING MODE

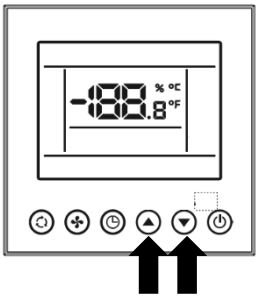
The currently activated mode will be shown by the icon on the screen.

ACTIVATING FUNCTIONS



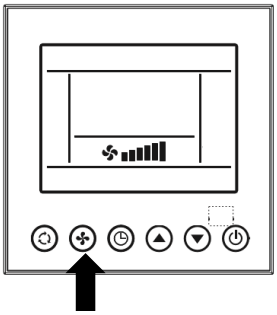
- Press and hold the MODE button for 5 seconds to enter the function setting option.
- To turn a function on or off, press the MODE button when the symbol for the function is flashing. (See the previous page for the meaning of each symbol)

CHANGING THE DESIRED ROOM TEMPERATURE



- Use the UP and DOWN buttons to adjust the desired room temperature in COOLING, HEATING and AUTO modes.
- The temperature can be adjusted in 0.5°C increments.

CHANGING THE FAN SPEED

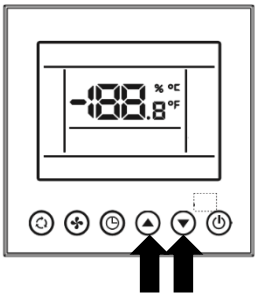


The FAN SPEED button is used to choose between the speeds: Mute, Low, Medium, High and Strong.

When the wire controller is initially powered on, its default air speed is low. The icon of low air speed will be displayed.

- If the wired controller is in automatic air setting, the air speed icon will follow the cyclic sequence of: Intermediate, High, Low.
- When the wired controller is set to automatic air, the air speed icon is displayed in the same cyclic sequence.
- If the air speed has been set manually, the wired controller will save your setting the next time you use the mode.

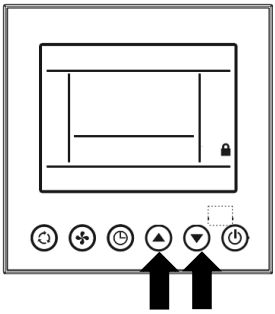
FORCED DEFROST



The wired controller can be used to force the appliance into defrost mode when in HEATING mode. To do this, the UP and DOWN burttons must be pressed in the following order within 5 seconds:

UP > DOWN > UP > DOWN > UP > DOWN

CHILD LOCK

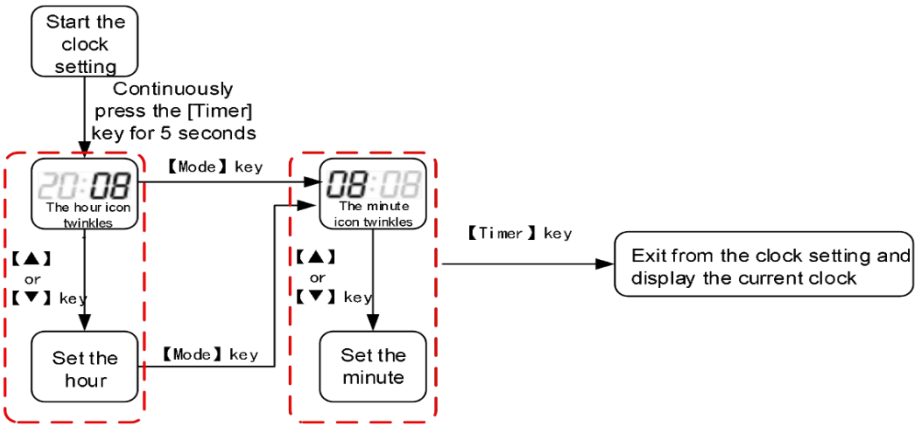


Press and hold the UP and DOWN buttons for 5 seconds to activate the child lock.

While activated the buttons on the wired controller are deactivated, and the LOCK symbol will flash.

To turn the child lock off, Press and hold the UP and DOWN buttons for 5 seconds

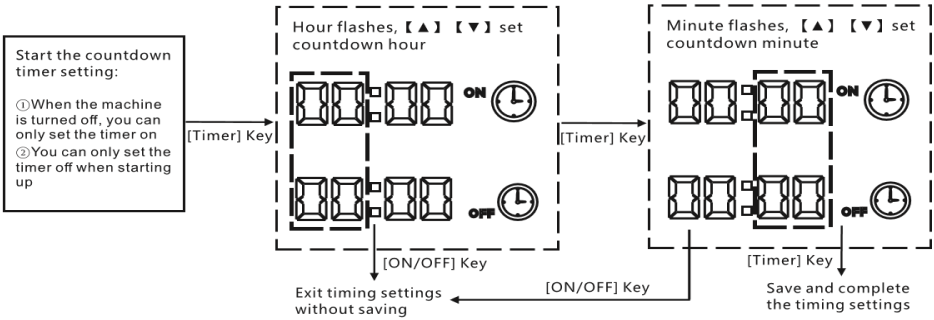
SETTING THE CLOCK



- Press and hold the TIMER button for 5 seconds. The hour display will then flash.
- To change the value, use the UP and DOWN buttons to adjust the time.
- Press the MODE button to change to the minutes section, and repeat the process until you have your desired time.
- Press MODE again to confirm and then press the timer key to exit from the timer setting menu.

SETTING THE TIMER

Follow the diagram below to set an on or off timer:



PARAMETER QUERY

Hold down the MODE and UP buttons for 5 seconds to enter the parameter query interface when the “Time Area-Hour” icon flashes and displays the “Parameter Code” and “Temperature Area” displays the current “Parameter Value” matching the “Parameter Code”.

• Press the UP and DOWN buttons to navigate the parameters.

Parameter Code	Area Display	Parameter Name	Query the Current Parameter		Query Range
			Value to Query	Area Display	
01	Time Area-Hour	Indoor ambient temperature	Current value	Temperature Area	-30 ~150
02	Time Area-Hour	Wired controller ambient temperature	Current value	Temperature Area	-30 ~150
03	Time Area-Hour	Aperture of expansion valve on indoor unit	Current value	Temperature Area	0 ~500
04	Time Area-Hour	Temperature at the inlet of the evaporator of the indoor unit	Current value	Temperature Area	-30~150
06	Time Area-Hour	Temperature at the outlet of the evaporator of the indoor unit	Current value	Temperature Area	-30~150
09	Time Area-Hour	Engineering number of the indoor unit	Current value	Temperature Area	/
10	Time Area-Hour	IP address of the indoor unit	Current value	Temperature Area	/
E1	Time Area-Hour	Historical Error 1	Err+**	Temperature Area	
E2	Time Area-Hour	Historical Error 2	Err+**	Temperature Area	
E3	Time Area-Hour	Historical Error 3	Err+**	Temperature Area	
E4	Time Area-Hour	Historical Error 4	Err+**	Temperature Area	
E5	Time Area-Hour	Historical Error 5	Err+**	Temperature Area	

PARAMETER SETTING

- Hold down the MODE and DOWN buttons for 5 seconds to enter the parameter setting interface. When the “Time Area-Hour” icon flashes and displays the “Parameter Code” and “Temperature Area” displays the current “Parameter Value” matching the “Parameter Code”.
- When the parameter code flashes, use the UP and DOWN buttons to navigate the “Parameter Codes”.
- Press the MODE button to select the “Parameter Code” to adjust the value. The “Parameter Value” will flash.
- When the parameter value flashes, use the UP and DOWN buttons to change the “Parameter Value”
- Press the MODE button to save the “Parameter Value” and return to the “Parameter Code” flashing interface.

Parameter Code			Query the Current Parameter		Query Range
Parameter Code	**Area Display**	**Parameter Name**	**Value**	**Area Display**	
P1	Time Area-Hour	The indoor unit corresponding to the wire controller is the indoor unit in the master mode	SL	Temperature Display Area	SL: From the indoor unit
P2	Time Area-Hour	Clearing Away the Master Indoor Unit from the Set	00	Temperature Display Area	00: No action
P3	Time Area-Hour	Address Setting of Two-wire Controller	01	Temperature Display Area	01: Upper computer of RS485 trunk
P5	Time Area-Hour	Power-down memory mode	Off	Temperature Display Area	On: Activated
			On		Off: Deactivated
P6	Time Area-Hour	Temperature Unit Conversion	℃	Temperature Display Area	C: degree centigrade
			℉		
P7	Time Area-Hour	Selection of Ambient Temperature Sensing Bag	IL	Temperature Display Area	/
P8	Time Area-Hour	Modification Value of Return air temperature Sensing Bag (cool)	00	Temperature Display Area	-15℃~15℃
P9	Time Area-Hour	Modification Value of Return air temperature Sensing Bag (Heat)	00	Temperature Display Area	-15℃~15℃
PD	Time Area-Hour	Button Buzzer Switch	On	Temperature Display Area	On: Buzzer On Off: Buzzer Off
			Off		
AD	Time Area-Hour	Button Buzzer Switch	On	Temperature Display Area	On: Buzzer On Off: Buzzer Off
			Off		

TROUBLESHOOTING

When there is an issue with the system, the "ERR" icon will be displayed, and the temperature area flashes with the current error or protection code.

Classification	Code	Error Description
Error	E0	Indoor-outdoor communication error.
	E1	Room temperature Sensor T1 error.
	E2	Internal Coil Temperature Sensor T2 error.
	E3	External Coil Temperature Sensor T3 error.
	E4	Outdoor unit error.
	E5	Model configuration processing (frequency conversion) error
	E6	Indoor fan error and/or the communication between the indoor DC fan and the indoor main control panel error.
	E7	Outdoor Temperature Sensor T4 error.
	E8	Exhaust temperature sensor(TP1 of variable-frequency compressor) error
	E9	Variable-frequency module goes wrong.
	EA	Current sensor error.
	EH	Return-air Temperature Sensor T5 error.
	EC	Outdoor communication error.
	EL	Outdoor low-temperature protection error.
	EE	EEPROM error (outdoor unit E2 error).
	EF	Outdoor fan error.
		Wired controller communication error.
	EP	Temperature switch at top of the compressor error.
	EU	Voltage sensor error.
	Eb	Communication between main control panel and display panel error.
	Ed	EEPROM of main control panel error (indoor unit E2 error)
	En	indoor coil outlet temperature sensor error.
	b1	Ambient temperature sensor error.
	b2	Inlet pipe temperature sensor error.
	b3	Middle temperature sensor error.
	b4	Outlet pipe temperature sensor error.
	b5	Humidity sensor error.
	b6	Water temperature sensor error.
	b7	Indoor EEPROM error.
	b8	Swing motor error.
	b9	MAC address of indoor unit is abnormal.
	bA	Model dial is wrong.
	H0	outdoor unit error (including protection) in an all-round way.

Classification	Code	Error Description
Error	C0	CAN communication error in an all-round way.
	C1	Multiple main control panel errors
	C2	Number of outdoor unit modules is abnormal (Deficiency/increase)
	C3	Communication between the main control panel and variable-frequency compressor drive.
	C4	Communication error between the main control panel and the variable-frequency fan drive.
	C5	Communication error between the indoor unit and wire controller.
Protection	P0	Module protection
	P1	Over/Under-voltage protection
	P2	Over-current protection (Variable-frequency compressor)
	P3	Outdoor unit protection
	P4	Exhaust high-temperature protection (Variable-frequency compressor or Slave F3)
	P5	Under-cooling protection in cooling mode (Indoor unit coil temperature protection)
	P6	Over-heating protection in cooling mode (Condenser high-temperature protection)
	P7	Over-heating protection in heating mode (Indoor unit coil temperature protection)
	P8	Outdoor high/low-temperature protection
	P9	Drive protection (load abnormal)
	PA	Mode conflict and top air-out board communication error.
	d1	Indoor fan protection
	d2	Auxiliary electric heating protection
	d3	Water full protection
	d4	Anti-freezing protection
	d5	Mode conflict.
	d6	IP address of indoor unit is abnormal.
	d7	capacity dial is wrong.
	d8	Engineering numbers conflict.

electriQ UK SUPPORT

Please, for your own convenience, check the troubleshooting guide before calling the service line.

Support@electriQ.co.uk
0330 390 3061
Office hours: 9AM - 5PM Monday to Friday

www.electriQ.co.uk
Unit 2A, Trident Business Park,
Neptune Way, Leeds Road, Huddersfield, HD2 1UA

PRODUCT DISPOSAL

Do not dispose this product as unsorted municipal waste. Collection of such waste must be handled separately as special treatment is necessary.

Recycling facilities are now available for all customers at which you can deposit your old electrical products. Customers will be able to take any old electrical equipment to participating civic amenity sites run by their local councils. Please remember that this equipment will be further handled during the recycling process, so please be considerate when depositing your equipment. Please contact the local council for details of your local household waste recycling centres.