

ON/OFF button.

Press to start or stop the Air Conditioner.

FAN CONTROL button. Select fan speed and operating mode.

Repeat pressing of button to select the required fan speed in continuous or automatic mode.

Automatic mode (CONT light off). Fan cycles with heating or cooling demand.

Continuous mode (CONT light on). Fan runs continuously with heating or cooling call cycling on demand.

Fan only mode. Press ON/OFF button to turn system off.
Press FAN CONTROL button to run fan in air circulation mode. Heating or cooling will not operate in this mode. Press ON/OFF button to stop fan.

AUTO/HEAT/COOL button. Select temperature operating mode.

Repeat pressing button to select operating mode.

AUTO MODE. **AUTO** light On. Heat or Cool automatically selected.

HEAT MODE. **HEAT** light On. System operates in heating cycle only.

COOL MODE. **COOL** light On. System operates in cooling cycle only.

DISPLAY button. Select screen display.

Repeat pressing of button to display following.

Temperature set point. SET light On.

Time. Time and day displayed.

Room temperature. ROOM light On.

SET TEMP Up or Down arrow. Adjust room temperature set point.

Press **Up** or **Down** arrow to select temperature set point. Factory setting: 16oC to 28oC.

Controller can be reset to operate over different range settings.

See Temperature Set Point Range Limit.

Program the Time Clock Turn off the System

To turn Time Clock On. Press DISPLAY button until Time is showing.
Press **TIMECLOCK PROGRAM** button twice. TIME CLOCK is illuminated. OFF light flashing.
Press ON/OFF button. ON light flashing. Press **TIMECLOCK PROGRAM** to accept.

Time displayed with Hours flashing.

Press Up or Down arrows to set hours. Press **TIMECLOCK PROGRAM** to accept.
Minutes flashing.

Press Up or Down arrow to set minutes. Press **TIMECLOCK PROGRAM** to accept.
Day flashing.

Press Up or Down arrow to set day. Press **TIMECLOCK PROGRAM** to accept.

Monday EVENT 1 ON displayed.

Press Up or Down arrow to set the On time. Press **TIMECLOCK PROGRAM** to accept.

Monday EVENT 1 OFF displayed.

Press Up or Down arrow to set the Off time. Press **TIMECLOCK PROGRAM** to accept.

Monday EVENT 2 ON displayed.

Press Up or Down arrow to set the On time. Press **TIMECLOCK PROGRAM** to accept

Monday EVENT 2 OFF displayed.

Press Up or Down arrow to set the Off time. Press **TIMECLOCK PROGRAM** to accept.

Tuesday EVENT 1 ON displayed. Repeat as above.

Alternatively to repeat previous day program from Tuesday onwards.

Press REPEAT button then **TIMECLOCK PROGRAM** for each On/Off event for that day.

Repeat for following days. Note. Different On/Off event times can be programmed in for any day. E.g different Off time on Thursday.

To omit an On Event. E.g Event 2 on Saturday and Sunday press **OMIT RESTORE**

Three dashes **---** will be displayed

Notes.

1. To restore an On Event press **OMIT RESTORE**. Time will be displayed

2. Press EXIT button at any time to exit menu.

3. To turn time clock operation off. Repeat as **Turn time clock On**. ON flashing

Press ON/OFF button. OFF flashing. Press EXIT button.

4. On or Off events can be individually programmed for any day.

TIMER Button. Can operate as a Countdown Timer(factory setting)or After Hours Run-on-Timer.

Countdown timer. To set timer to override time clock function.

To set timer to start system. I.e. A/C system Off

Press **TIMER** button. Time and day shown with **TIMER** and **ON** light flashing.

Press **TIMECLOCK PROGRAM** **Up** or **Down** arrow to select On time. Press **TIMECLOCK PROGRAM** button to accept. **TIMER** light on.

To set timer to stop system. I.e. A/C system On.

Press **TIMER** button. Time and day shown with **TIMER** and **OFF** light flashing.

Press **TIMECLOCK PROGRAM** **Up** or **Down** arrow to select off time. Press **TIMECLOCK PROGRAM** button to accept. **TIMER** light on.

Notes.

1. To cancel the timer set up. Press the ON/OFF button. **TIMER** light off.

2. To see the set start or stop time set press **TIMER** button. Time shown in display.

After Hours run on timer. To start A/C system for a preset time out of normal operating hours.

Press ON. **TIMER** light on. Press OFF button to turn off system before completion of run time.

Notes:

1. Time clock has to be operable for After Hour Run-on -Timer function to operate.

2. If AH run time overlaps time clock start time the system will start bur **TIMER** light is will be off.

TEMPERATURE SETBACK. Turn off the System

Economy temperature setting generally used in unoccupied times or during the night to maintain a maximum or minimum room temperature.

Press DISPLAY button until **room temperature** is displayed. ROOM light On.

Press  button.


SET BACK light On. If setback is disabled OFF light flashing.

Press time clock program **Up** or **Down** arrow to select setback operating mode.

1. Cool setback only. **COOL** and **ON** lights flashing.


2. Heat setback only. **HEAT** and **ON** lights flashing.

3. Cool and heat setback. **COOL**, **HEAT** and **ON** lights flashing.

Press  to accept selection.


Current cooling setback temperature shown. COOL and ON lights flashing.

Press SET TEMP **Up** or **Down** arrow to select cooling setback temperature.

Press  to accept selection.

Current heating setback temperature displayed.

Press SET TEMP **Up** or **Down** arrow to change setback temperature.

Press  to accept and exit menu.

Notes:

COOL mode. Operates in cooling only. Cooling setback range 24oC to 36oC.


HEAT mode. Operates in heating only. Heating setback range 8oC to 20oC.

COOL and **HEAT** mode. Operates in cooling and heating.

Temperature Set Point Range Limit. Turn off system to change settings.

To change upper limit.

Press DISPLAY button until time is displayed.

Press  button then time clock program **Up** arrow.

Current setting will be displayed. E.g U28 (28oC).

Press the SET TEMP **Up** or **Down** arrow within a 1/2 second to adjust set point.

The system will automatically except the new settings.

Note . Maximum set point 36oC.

To change lower limit.

Press DISPLAY button until time is displayed.

Press  button then time clock program **Down** arrow.

Current setting will be displayed. E.g L16 (16oC).

Press and SET TEMP **Up** or **Down** arrow within a 1/2 second to adjust set point.

The system will except automatically except the new settings.

Note. Minimum set point 10oC.

Zone buttons. If applicable

Press Zone button to open. Zone light on.

Press Zone button to close. Zone light off.

Note.

The controls are designed have a minimum of one zone activated to prevent air conditioning system operating with all zones closed.

Filter light.

Filter light operates every 160 running hours to remind owners to check air filter.

Reset filter light by pressing ON/OFF button.

Note.

Filter light is a reminder only and is not indicating a fault.

INSTALLER:	COMPANY:	TELEPHONE:
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OPERATING INSTRUCTIONS



B512GZ/GE

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**For Technical Enquiries
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