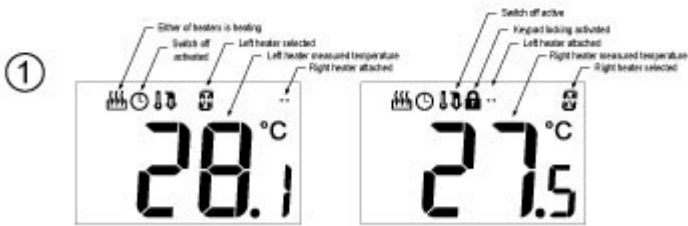


ANA-B Thermostat Operating Instructions, December 2006

(The thermostat to be used only with Biotherme ANA heater)

ANA-B Operating Instructions



SELECT key => Changing temperature setpoint => temperature blinking => adjust using UP/DOWN keys => OK key: store changes
=> SILENT key: discard changes



UP and DOWN keys down concurrently => lock symbol blinking => lock symbol on => keypad locked
UP and DOWN keys down concurrently => lock symbol blinking => lock symbol off => keypad unlocked

②

Temperature reduction decreases temperature setpoint(s) about 1°C. In practice this means that heater(s) is/are switched off. Temp. red. expiration time is shared with alarm clock and activation time is alarm time minus programmed length. Unlike alarm temp.red will stay active until manually disabled by user e.g. heater switching off cycle is repeated every night till switched off.

NOTE! There is no alarm buzzer in ANA-B.

SELECT key: Alarm ON / OFF => Top blinking, UP/DOWN keys toggle alarm =>
 OK key => Accept and exit

SELECT key: Temp. red. length => Top blinking, UP/DOWN adjusts OFF, 1h-12h =>
 OK key => Accept and exit

SELECT key: If alarm or temp. red. activated => alarm time adjust: hour blinking =>
 UP/DOWN keys adjust hour =>
 OK key => Accept and exit

SELECT key: minutes blinking => UP/DOWN keys adjust minutes =>
 OK key => Accept and exit
 SELECT key => Accept and exit

③

When power is lost last time in clock is stored and when power returns again time is restored and clock continues running.

SELECT key: hours blinking => UP/DOWN keys adjust hours =>
 OK key => Accept and exit

SELECT key: minutes blinking => UP/DOWN keys adjust minutes =>
 OK key => Accept and exit

SELECT key: seconds blinking => UP/DOWN keys adjust seconds =>
 OK key => Accept and exit
 SELECT key => Discard changes and exit

④

Once activated heating is switched off and display is locked on this screen. Day count is decremented by one every time clock reaches 00:00:00 and when day count reaches 0, heating is switched ON again. After power on timer is set to 0 e.g. heating is ON.

SELECT key: days blinking => UP/DOWN keys adjust number of days =>
 OK key => Activate timer
 SELECT key => Discard changes

⑤

SELECT key: power ch. blinking => UP/DOWN toggles 0 and ch. current value =>
 OK key => Accept value and exit
 SELECT key => Discard changes and exit

Getting started: press key buttons up / down to get the desired functions

→ Following functions can be selected:

1. Temperature adjust
2. Alarm time adjust-setting the temperature OFF for a predetermined period of time , **Al**
3. Clock adjust, **Cl**
4. Heating OFF timer, **Od**
5. Power consumption, **Pc**

1. Temperature Adjust

When the heater is connected in mains the display will often show LO, which means that the temperature is below the range. Wait till reading comes on ca. 22°C


Setting the temperature higher or lower, press SELECT button and choose desired temperature by pressing key buttons up / down until desired temperature has been received. Then press OK button to confirm. The display will now show the actual temperature and will reach to the desired temperature after a period.

With above instruction the desired temperature can be changed when needed.

On the display the heater symbol () will show when heater is on or off and also which heater is selected (in case of you have two heaters)

2. Alarm time adjust, Al.

With this function it is possible to select desired pre-determined period when heater will be OFF.

With key buttons up / down select **Al**. Press **SELECT** button two times and you get alarm activated symbol () and OFF is blinking. Select with key buttons up/down the hours you normally spend on bed (max.12 hours). Press OK button to confirm.

After this set the time you normally **wake up**. Press **SELECT** button (three times) until the time is shown on the display and hours are blinking. With buttons up / down, choose desired hour. Press OK button to confirm hours. After this press **SELECT** button until the time is shown on the display and minutes are blinking. With key buttons up / down, choose desired minute. Press OK button to confirm minutes. This setting will remain as adjusted until you decide to change it.

If you want to change or delete the settings follow the above instructions.

3. Clock adjust Cl.

With this function the clock is set in time

With key buttons up / down select **Cl**. Press **SELECT** button and the hour symbol is blinking. With key buttons up / down, select the desired hour. Press OK to confirm. Then press **SELECT** button two times until minute symbol starts blinking. With key buttons up / down, select the desired minute. Press OK to confirm. Then press **SELECT** button three times until second symbol is blinking. With key buttons up / down, select the desired second. Press OK to confirm.

4. Heating OFF timer, Od.

With this function it is possible to set the heating OFF desired amount of days, between 1 to 30 days.

With key buttons up / down select **Od**. Press select button and day symbol **0** is blinking. With key buttons up / down, select the desired amount of days you want the heater to be **OFF**. Press OK to confirm.

The symbol is now blinking and the display is locked on the screen. Pressing **SELECT** button it can be unlocked and changed if needed.

IMPORTANT ! Heating stays on for 5 days if no key is pressed. If any key is hit or when timer reaches zero, normal operation mode is restored.

5. Power Consumption, Pc.

With this function it is possible to see the power consumption in desired period

With key buttons up / down select **Pc**. Press **SELECT** button until symbol is blinking. Press OK button to start. After this function is done, write down the date on your note pad and after the desired period you can see how many kW (kilowatts) your heater has been consumed in that period.

If you want to restart the power consumption calculation, press up / down button and zero the consumption.

Child lock: Press up / down buttons concurrently until lock symbol stays on the display. Unlock it the same way.