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ArchiPro
CB-PDT
Programmable
Plug-In Thermostat

ArchiPro CB-PDT Programmable Plug-In Thermostat User Manual

Contents

ArchiPro

ArchiPro CB-PDT Programmable Plug-In Thermostat

Product Usage Instructions

Overview

- The Programmable Plug-In Thermostat is designed to provide a comfortable home environment while helping you save energy.
- It can efficiently control various heating devices such as floor heating mats, wall heaters, air conditioners, ceiling heaters, oil heaters, convection heaters, and fan heaters.

Operation

- Once installed and programmed, the thermostat will automatically regulate your heating device according to the preset schedule, ensuring optimal comfort and energy savings.

Product Instruction

- This programmable electronic temperature controller will provide you with a comfortable home environment and will help you save energy.
- The CB-PDT is ideal to operate floor heating mats, wall heaters, air conditioners, ceiling heaters, column (oil) heaters, bar (convection) heaters, or fan heaters

Technical Data

- Voltage: AC200~240V, 50HZ
- Load Current: 16A (electric heating)
- Temperature Control Precision: ±1ºC
- Temperature Setting Range: 5ºC – 35ºC
- Self-Consumption Power: <0.3W

- Temperature Sensor: NTC

Button Function Instruction

NO.	symbols	Represent
1		Power On/Off
2	(SET)	Selection Setting: short press SET button to switch manual control/automatic control; long press SET button for 3 seconds to enter set clock and timing power on/off.
3	(OK)	Confirm Button/Enter Button
4	▲	Increase Button
5	▼	Decrease Button
6	Indicator	Light on is power on, light off is power off. Light on is heating on, light offer is heating off (Australian socket)

Display and Function Instructions

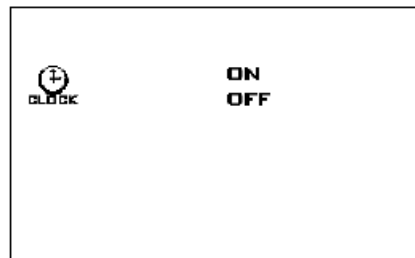| NO.	symbols	Explanation
1	AUTO	Automatic control mode: when automatic control, manual control "☝" will disappear
2	☝	Manual control mode: when manual control, automatic control "AUTO" will disappear
3	☝ AUTO	When automatic control, it need reset temperature, it can press "▲" or "▼" to adjust. Enter into temporary manual mode "☝" and "AUTO" flashing, when enter into next period "☝" will disappear, thermostat run to the period of setting previously.
4	HEAT	Heating mode: relay connect, it will display "🔥" Power off, anti-freezing function open, relay connect, it will display "🔥"
5	COOL	Cooling mode: relay connect, it will display "❄COOL"
6	(6 period icons)	6 periods programmable icon
7	ON OFF	Timing power on/off icon, it set time of power on/off: if press "▼" to set ON as 00:00, press "▼" to set OFF as 00:00, it will cancel timing power on/off.
8	ROOM 88.5 ℉℃	Room temperature
9	🔒	Children lock: no any operation for 10 minutes, buttons will lock automatically, Press down button "▼" for 3 seconds also can lock buttons, it will display lock icon on screen, unlock method: long press power button "▼" for 3 seconds then move your finger.
10	(ventilation icon)	Ventilation mode
11	CLOCK	Clock setting icon

Quick Instruction of Operation Icon
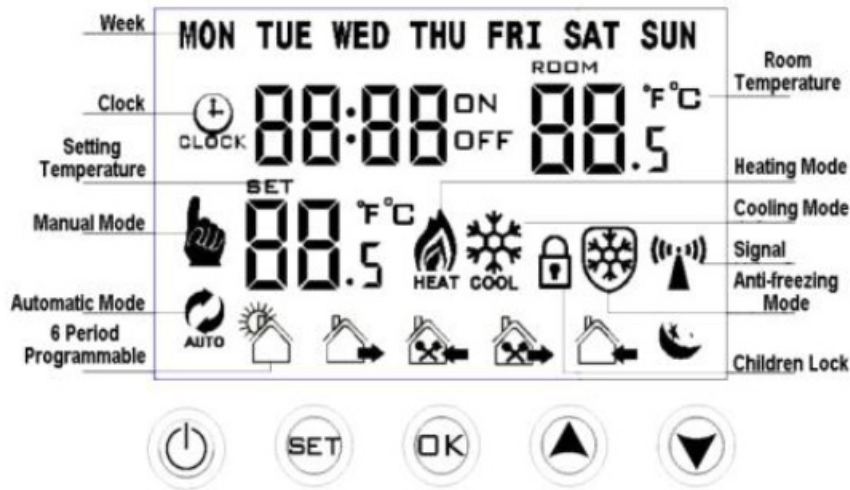
Clock, timing, power on/off, setting
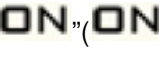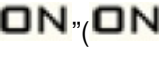
Setting Screen

Clock Setting

- Long press" SET " for 3 seconds, then move your finger to enter into settings screen, short press" SET " to choose " CLOCK " icon(" CLOCK "flashing), press " OK " to enter into clock settings, it displays minute, hour, week, press "▲" or "▼" " to adjust the value.

- Press " OK " to confirm and switch to the next hour, week setting, which is the same as the minute setting. Press " OK " button to save all time settings and return to the previous screen.

Timing Power On/Off Setting

- Long press" SET " for 3 seconds, then move your finger to enter into setting screen, short press" SET " to choose"ON"("ON"flashing) to set time of timing power on; press "▲" or "▼" to adjust the value. Press " OK " to choose " OFF " and set the timing power off.

- Cancel timing power on/off: press "▼" to set as **ON** 00:00, press "▼" to set **OFF** as 00:00.

- It will quit automatically after the setting finishes in 5 seconds, or press " OK " button to return to the previous screen.

Periods Programmable Setting

| Explanation	Print screen
Long press "OK",screen displays ⌂ ⌂ ⌂ ⌂ ⌂ ☾(it means cycle control),screen displays "MON TUE WED THU FRI" (it means Monday to Friday periods).See picture at right: first period flashing, press "▲" or "▼" "to adjust setting temperature, press "OK" to adjust clock, press "OK" to next period setting, same like this to finish 6 periods setting, then press "OK", screen displays "✹ ☾"and "SAT SUN" (Saturday and Sunday),set it as per previous method, it will save and quit after setting finished 5 seconds.	MON TUE WED THU FRI **06:00** SET **20** ℃ ✹ ⌂ ⌂ ⌂ ⌂ ☾ SAT SUN **06:00** SET **20** ℃ ✹ ☾

The usage of temporary manual mode:
When thermostat is in period control, such as current time is 16:00, thermostat will set corresponding room temperature(factory setting is 15ºC) as per current period(factory setting afternoon going out period is 12:30-17:30), if current day you end work 1 hour earlier,(16:30 is 1 hour earlier than 17:30), you can press increase/decrease button temporarily to modify temperature to the temperature you wanted(such as 20ºC) , then the thermostat will keep the room temperature in 20ºC until next period, no any operation, thermostat will run the setting temperature (thermostat default 20ºC) automatically of afternoon entering room period (17:30-22:00) at 17:30.

Factory default periods programmable

Period		Icon	Default Time	Default Temperature
Working Day	1	✹	06:00	20℃
	2	⌂	08:00	15℃
	3	⌂	11:30	15℃
	4	⌂	12:30	15℃
	5	⌂	17:30	20℃
	6	☾	22:00	15℃
Weekend	1	✹	08:00	20℃
	2	☾	23:00	15℃

Advanced Setting (Suggest to be operated by Professional People only)

- Under power on state, press " " for 3 seconds, then move your finger, enter into advanced settings, then press " " to choose one option, and press " or " to adjust the value.
- To press " " to the next option. It will save settings and quit after 5 seconds.

FAQ

- **Q:** How do I reset the thermostat to its default settings?
- **A:** To reset the thermostat, locate the reset button (if available) or refer to the user manual for specific instructions on resetting to factory defaults.
- **Q:** Can I use this thermostat with a cooling device?
- **A**: No, this thermostat is designed specifically for controlling heating devices and may not be suitable for cooling equipment.

Documents / Resources

	ArchiPro CB-PDT Programmable Plug-In Thermostat [pdf] User Manual CB-PDT, CB-PDT Programmable Plug-In Thermostat, Programmable Plug-In Thermostat, Plug-In Thermostat, Thermostat

References

- **User Manual**