

Horstmann H17XL

Horstmann CHANNELPLUS H17XL Series 2 Electronic Heating Programmer User Manual

Model: H17XL

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Horstmann CHANNELPLUS H17XL Series 2 Electronic Heating Programmer. Please read this manual carefully before installation and use to ensure safe and efficient operation.

The CHANNELPLUS H17XL is a single-channel electronic programmer designed for controlling heating systems, offering both 24-hour and 7-day programming options.



Figure 1: Horstmann CHANNELPLUS H17XL Electronic Heating Programmer. The device features a clear blue backlit LCD display and two control buttons: ADVANCE and BOOST.

2. SAFETY INFORMATION

Always observe the following safety precautions:

- Installation should only be carried out by a qualified electrician in accordance with current wiring regulations.
- Isolate the mains supply before commencing any wiring work.
- Do not expose the unit to moisture or extreme temperatures.
- Keep out of reach of children.

3. SETUP AND INSTALLATION

3.1 Unpacking

Carefully remove the programmer from its packaging. Check for any signs of damage. If damaged, do not install and contact your supplier.

3.2 Mounting

The H17XL is designed for surface mounting. Ensure the mounting location is free from direct sunlight, drafts, and heat sources that could affect its temperature sensing capabilities (if applicable, though this is a programmer, not a thermostat).

1. Remove the front cover by gently prying it off.
2. Mark the drilling points on the wall using the base plate as a template.
3. Drill holes and insert wall plugs.
4. Secure the base plate to the wall using appropriate screws.

3.3 Wiring

Refer to the wiring diagram provided with the unit or consult a qualified electrician. Ensure all connections are secure and correctly terminated. The unit operates on 230 Volts.

Table 1: Typical Wiring Terminals

Terminal	Description
L	Live In
N	Neutral In
1	Switched Live Out (Heating)
2	Common

After wiring, reattach the front cover securely.

4. OPERATING INSTRUCTIONS

4.1 Initial Power-Up

Upon first power-up, the display will illuminate. You may need to set the current time and date. Refer to the on-screen prompts or the following sections.

4.2 Setting Time and Date

Use the programming buttons (usually located under a flap or accessible via menu) to navigate to the time/date setting menu. Adjust hours, minutes, day, month, and year as required. Confirm settings to save.

4.3 Programming Modes (24-Hour / 7-Day)

The H17XL supports both 24-hour and 7-day programming. Select your preferred mode via the menu. In 7-day mode, you can set different programs for each day of the week.

4.4 Setting Heating Programs

Each program typically consists of ON/OFF times. You can set multiple ON/OFF periods per day. For example:

- Program 1: ON at 06:00, OFF at 09:00
- Program 2: ON at 17:00, OFF at 22:00

Follow the on-screen instructions to enter and save your desired heating schedule.

4.5 Override Functions: ADVANCE and BOOST

The unit features 'ADVANCE' and 'BOOST' buttons for temporary overrides:

- **ADVANCE:** Pressing this button will advance the current program to the next ON or OFF period. For example, if heating is OFF, pressing ADVANCE will turn it ON until the next scheduled OFF time. If heating is ON, it will turn OFF until the next scheduled ON time.
- **BOOST:** This function provides a temporary period of heating (e.g., 1 hour) regardless of the current program. Pressing BOOST will turn the heating ON for a preset duration, after which it will revert to the programmed schedule.

5. MAINTENANCE

The Horstmann CHANNELPLUS H17XL requires minimal maintenance.

- **Cleaning:** Wipe the unit with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery Backup:** The unit typically has an internal battery for retaining program settings during power outages. This battery is usually non-replaceable by the user and has a long lifespan. If settings are lost frequently during power cuts, consult a qualified technician.

6. TROUBLESHOOTING

If you encounter issues with your programmer, refer to the following table:

Table 2: Troubleshooting Guide

Problem	Possible Cause	Solution
Display is blank	No power supply	Check mains power, circuit breaker, and wiring connections.
Heating not turning ON/OFF as programmed	Incorrect program settings; Manual override active; Wiring issue	Verify program times; Check if ADVANCE/BOOST is active; Consult electrician for wiring check.
Time/Date incorrect after power cut	Internal battery depleted (unlikely for new units)	Reset time and date. If persistent, contact support.

If the problem persists after attempting these solutions, contact a qualified technician or Horstmann customer support.

7. SPECIFICATIONS

- **Model:** H17XL
- **Brand:** Horstmann
- **Type:** Single Channel Electronic Heating Programmer
- **Programming Options:** 24-Hour or 7-Day
- **Voltage:** 230 Volts
- **Dimensions (approx.):** 16.2 x 11.2 x 5.2 cm
- **Weight (approx.):** 419.99 grams
- **Display:** Backlit LCD

8. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation supplied with your purchase or visit the official Horstmann website. Keep your proof of purchase for warranty claims.

For technical support or service inquiries, please contact Horstmann customer service or your installer.

Horstmann Contact Information: Please refer to the official Horstmann website or product packaging for the most up-to-date contact details.