

Quick-Start Guide

FHZ 1000 HouseMaster



Step 1: Insert the 9V Battery

- Remove the battery cover on the rear of the unit by sliding in the direction of the arrow
- Insert the battery, ensuring correct polarity
- Close the battery cover
- The FHZ 1000 requests input of year, month, day, hour and minute to set system time. Use the selection wheel to select the correct value and confirm each with the "PROG" key
- The display then shows "Auto", "120" and "CodE" and a 4-digit number. After 120 seconds is the FHZ 1000 in normal operating mode



Step 2: Remove the old Thermostatic Valve Heads

- If there are no radiators to be controlled by the FHZ 1000 HouseMaster in the room/zone in which it is located, go to Step 5.
- (This Quick-Start Guide assumes that FHT 80B Heating Controllers (Room Thermostats) and the Valve Motors under their respective control have already been installed in other rooms/zones.)
- Remove the old mechanical thermostatic valve head(s). If necessary, use an appropriate tool.



Step 3: Insert batteries in the Valve Motor(s)

- Remove the battery cover of the Valve Motor by sliding downwards
- Insert batteries in the battery compartment.
- **Important:** Take care to insert with correct polarity, otherwise the sensitive electronic components could be permanently damaged
- The display shows "C1" and a 2-digit number, then "C2" and another 2-digit number (the two numbers represent the current saved 2-number Valve Motor code)
- Subsequently a beep is heard and the display shows "A1"
- The Valve Motor drives the valve actuating pin all the way back to facilitate mounting
- Finally "A2" is shown in the display



Step 4: Mount the FHT 8V Valve Motor(s)

- Screw the Valve Motor coupling nut securely on to the valve. (1)
On many valves with M30 x 1.5 mm threads no adaptor is required. For Danfoss valves, use the supplied Danfoss valve adaptors. For other valves, if direct mounting is not possible contact HouseTech UK to obtain suitable valve adaptors. See the HouseTech User Guide for further information.
- Press the button on the Valve Motor briefly (2)
- The Valve Motor display shows “A3” and the Valve Motor closes the valve
- Subsequently the antenna symbol blinks in the display and the display shows “0%”
- The security code must now be transmitted from the FHZ 1000 HouseMaster to the Valve Motor(s). This procedure is described in Section 4.4 of the FHZ 1000 HouseMaster User Guide (“CodE”)
- Replace the battery cover
- The Valve Motor acknowledges the first operational wireless signal received from the FHZ 1000 with a beep
- The antenna symbol is now continuously shown in the Valve Motor display
- **Note:** If more than one Valve Motor is to be controlled by the FHZ 1000, repeat the above steps. Finally, the total number of radiators / Valve Motors controlled by the FHZ 1000 in the room/zone in which it is located must be specified and the security code transmitted (see Section 4.6 of the FHZ 1000 User Guide (“no H”))



Step 5: Integrate the FHT 80B Heating Controls with the FHZ 1000 HouseMaster

- All FHT 80B Heating Controls (“Room Thermostats”) should be installed and operational.
- **Note:** All Heating Controls display their security code required for communication with the FHZ 1000 after insertion of batteries. Make a note of this security code in the table in Appendix A of the FHZ 1000 User Guide and note against the code the name of the room/zone in which the respective Heating Control is located (e.g. “Code 0607, Living Room”)
- If you already have an HouseHeat system installed with FHT 80B Heating Controls, simply remove the batteries and re-insert them, noting the security code displayed.

Step 6: Register all FHT 80B Heating Controls to the FHZ 1000 HouseMaster

- Depress the “→” key once
- Use the selection wheel to select “Sonderfkt.” (“Special Functions”)
- Depress the “→” key once
- Use the selection wheel to select “H(eizungs)regler” (“Heating Controls”)
- Depress the “→” key once
- Use the selection wheel to select “Hinzufügen” (“Add”)
- Depress the “→” key once
- You can now rotate the selection wheel on the FHZ1000 to scroll through a list of the FHT 80B Heating-Control security codes received by the FHZ 1000. (“H0” is the “internal” Heating Control which the FHZ 1000 uses to directly control Valve Motors in its own room/zone)
- Refer to the Table of security codes you noted earlier in the table in Appendix A of this Guide and use the selection wheel on the FHZ 1000 HouseMaster to select a security code e.g. “Code 0607” (“Living Room”)
- Depress the “MAKRO/OK” key once

Rotating the selection wheel will now scroll through a list of sample room-name templates in German. However, these may easily be over-written as required with English room/zone descriptions which may then be assigned to the appropriate security code for the room/zone in question:

Rotate the selection wheel and select any one of the German words displayed (it does not matter which):

- Depress the “MAKRO/OK” key once
- A blinking cursor is shown at the end of the line in the display
- Use the “←” and “→” keys to select the first character in the word displayed.
- Rotating the selection wheel enables that letter of the word to be changed. Use the “☺*” key to toggle between upper- and lower-case letters. In this way, an appropriate room/zone description may be entered (e.g. “Living Room”) for the security code in question
- After all letters have been changed as required to enter a meaningful room/zone description, this must be saved to memory. To do this, depress the “MAKRO/OK” key once. The display briefly shows “gespeich.” (“saved”)
- The FHZ 1000 is now once again back at the “Heizungsregler” (“Heating Control”) menu level, and “Hinzufügen” (“Add”) is once again displayed, ready for you to register another FHT 80B security code to the FHZ 1000.
- Repeat the above process until all the rooms/zones (i.e. security codes) you listed in Appendix A have been registered to the FHZ 1000 HouseMaster.
- Once all security codes have been registered, depress the “←” key three times
- The FHZ 1000 is returned to normal operating mode