Mini-Clock

1	Key to activate the setting capabilities
2 / 3	Time setting keys forwards / backwards
4	ON / OFF key to activate / deactivate the preset time
5	Current time, preset time and heating time
6	Symbol for activated preset time
7	Symbol for heater operation
8	Symbol for preset time 1, 2 or 3

General remarks
Setting and operating the Mini-Clock

• If a key is not depressed within 15 seconds, the display will return to its initial state – Current time.
• When setting the time with the keys 2 or 3, the setting speed is accelerated when the key is kept depressed.
• Up to three preset times can be set and activated on this Mini-Clock. Each preset time is deactivated after the heating period, and it must be newly activated for each new heating period – see activate / deactivate the preset time.

Setting functions on the Mini-Clock

Setting-up for the first time:
After connection to the power supply all symbols on the display will start to flash. The heater cannot be turned on in this state. The current time has to be set first.
Press key 1: The clock time flashes. Set the time with key 2 or 3.
Press key 1: The time is displayed; the colon flashes.

Setting the time:
Press key 1 for more than 3 seconds: The time flashes. Set the time with key 2 or 3. Press key 1 within 5 seconds: The time is displayed and the colon flashes.
Note:
If, after the time has been set, key 1 is not pressed within 5 seconds, the Mini-Clock will be transferred to the mode "Setting the Heating Time".

Setting the heating time:
Press key 1 for more than 3 seconds: The time flashes. The Mini-Clock is automatically transferred to the mode "Setting the Heating Time" if no key is pressed for 5 seconds.
The heating symbol is displayed, and the heating time flashes.
Set the heating time (10 to 120 minutes) with key 2 or 3.
Press key 1: The time is displayed once again and the colon flashes.

Setting the preset time:
Press key 1 once, twice or three times to call the preset time 1, 2 or 3. The display will then indicate the preset time, for instance 1 and symbol 1. Set the preset time with key 2 or 3. The preset time is activated or deactivated with key 4. The "ON" symbol is displayed when the preset time has been activated.
Symbol 1, 2 or 3 is displayed when the preset time is activated.

Operating functions of the Mini-Clock

Switching on the heater:
Press key 4. The heating duration is ... minutes.
The display indicates the remaining heating time and symbol 7.

Switching off the heater:
Press key 4. The heating continues for approx. 3 minutes.
The display indicates the current time.

Continuous operation:
Press key 3 and keep it depressed while pressing key 4. The heater will now remain switched on until key 4 (switching off the heater) is pressed again.

Preset time – Activate / deactivate:
Press key 1 to select the preset time 1, 2 or 3. Activate or deactivate the preset time with key 4.
The "ON" symbol is displayed when the preset time is activated.
Symbol 1, 2 or 3 is displayed when the preset time is activated.

Special functions only in conjunction with the TP41 / TP41i remote control

Programming the receiver to recognize the transmitter:
Press key 2 and keep it depressed while pressing key 4.
The display indicates 2 horizontal lines.
The display returns to its initial state when the receiver has been successfully programmed. The display automatically returns to the initial status after 35 seconds if the transmitter is not recognized. In this case repeat the above procedure once again.

Installing and connecting the Mini-Clock
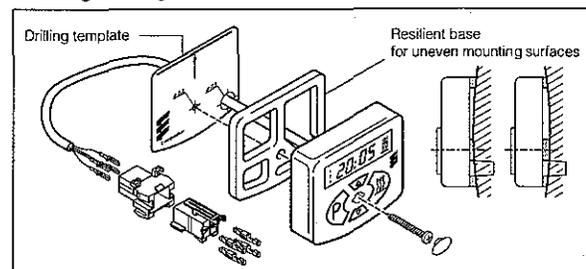Follow the drawing to install the Mini-Clock.
The drilling template (can be peeled off and is self-adhesive) is applied on the front.
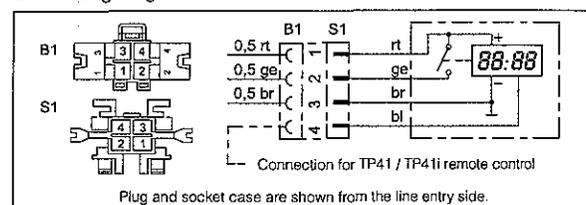Follow the diagram to connect the Mini-Clock.
Note:
Do not press the display and control panel when installing the Mini-Clock.

Mounting drawing

Connecting diagram

Plug and socket case are shown from the line entry side.