Instructions for Operation
## StatLink® Setback Module (#40170)

1. Connection

Placement

The setback (clock) module is always inserted into the end of the row of modules and is immediately ready for operation. You can expand the room programming to 4 channels by inserting an additional module intended for #3 and #4 channels.

Connecting the Modules

Simply line up the required modules, ensuring that nothing is obstructing the pins and push the modules gently together.
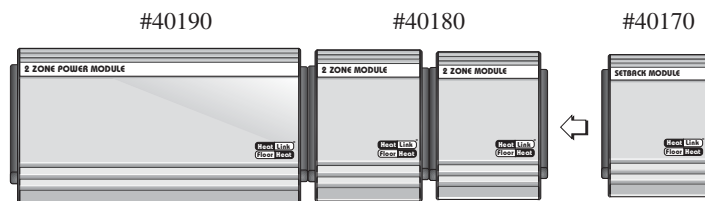
2. Channel Selection on Zone Modules

LED's indicate the setback operation of the respective channel. By respective jumper settings of the power/extension modules, the required setback/heating period is arranged for each room; i.e.., setback periods of channel 1 would have jumper position bus to be set at number 1.
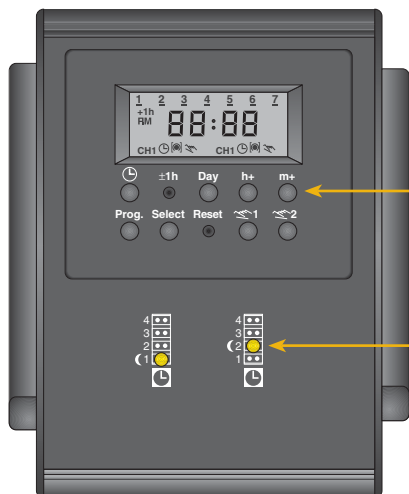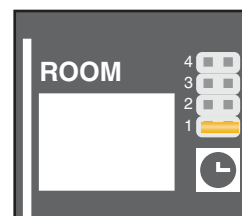
The control panel of the setback module, #40170

Amber LED's to indicate the channels, CH1 or CH2

Note: With the setback modes switched on, the room temperature is reduced according to the setting of the room thermostat. For the #46151 Standard thermostat it would setback a fixed 7.2°F (4°C). For the #46153 Setback 3 Position and #46155 Timer thermostats it would setback 3.6-10.8°F (2-6°C) as per the adjustable setting.

3. Starting up

Electrical equipment should always be installed and assembled by a professional electrician to local codes.

After connecting the module as described above in section 1, the charging of the backup power begins. Wait until the display shows various signs (approx. 2 minutes). The clock is ready for programming.

After 2 hours of charging the Setback Module may be removed for programming in a more convenient location.

4. Operating the Clock
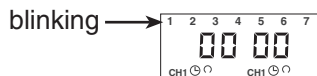
The following steps are required to program the clock module.

4.1 Reset

Operate "**Reset**" button using a pencil or similar object.

blinking ➔ [display showing 00 00 with numbers 1 2 3 4 5 6 7 and CH1 ☼○ CH1 ☼○]

This resets the clock into the normal state.

– press once before initial setup

– optionally press the reset button to delete all programmed times, the time and the date

4.2 Entering the time and the day of the week

1. After pressing the "**Reset**" button (see 4.1)

2. During summer time, press: "±**1h**" button once

3. Hold "☼" button down during step 4, 5, 6

4. enter hours using "**h+**" button

5. enter minutes using "**m+**" button

6. enter day of week using "**Day**" button:

   1=Mon... 7 = Sun

7. release "☼" button

The colon now blinks every second.

*Note: If the "**h+/m+**" buttons are held down for longer than 2 seconds the numbers will progress faster.*

4.3 Enter programmed times

42 memory locations are available. Each programmed time occupies 1 memory location.

1. press "**Prog.**" Button until a free memory location "**– – : – –**" is displayed.

2. select the switch function using "✎" button for channel 1 or 2 (depending on version) "◉" = ON or "○" = OFF.

3. enter hours using "**h+**" button

4. enter minutes using "**m+**" button

If a programmed command is to be performed every day, continue with step 5.

If a particular programmed command is only to be performed on 1 day or certain days, skip step 5 and continue with step 6.

5. save using "**Prog.**" button or

6. select 1 day using "**Day**" button on which programmed command is not to be performed (cursor blinks)

7. confirm this day with "**Select**" button (weekday and cursor blink)

8. press "**Day**" key (day is deselected)

Repeat step 6, 7 and 8 for each day to be deselected.

9. Save using "**Prog.**" button

   (next free memory location is displayed)

or

10. save using "☼" button

The clock switches to automatic mode and displays the current time.

For additional programmed times and the associated programmed state ◉ = ON or ○ = OFF start again at 4.3.

Note: If an incomplete entry is made, the segments that have not yet been selected are displayed in blinking mode.

To modify a day selection:

1. reselect the day in question using the "**Day**" button

2. confirm this day with "**Select**" button

3. press "**Day**" button (Day is reselected/deselected)

4. save using "**Prog.**" button (next free memory location is displayed)

   or

5. save using "☼" button

4.4 Free channel blocking

Channels 1 and 2 (or 1 or 2) can be assigned to any switch command – "◉" or "○".

5. Additional Functions

5.1 Manual daylight savings time changeover

1. press "±**1h**" button once

5.2 Automatic daylight savings time changeover

The following 3 changeover variants are available

AU (Automatic) = fixed changeover (Europe)

The summer/winter time changeover takes place using a preset calendar program, which is programmed up to the year 2079 and cannot be modified. (Legal summer time regulation of European Union and Switzerland)

Start of summer time: always the last Sunday in March.

The hour counter is moved back from 3 to 2 o'clock.

End of summer time: Always the last Sunday in October.

The hour counter is moved back from 3 to 2 o'clock.

cHA (calculated semi-automatic) = selectable changeover with weekday reference (North America)

The daylight savings start date that applies to your location/country is entered (e.g. date of first Sunday in April of current calendar year) and the daylight savings end date (last Sunday in October of current calendar year).

HA (Semi-automatic) = Selectable changeover with date reference

The summer time start and end dates that apply to your location/country are entered. In subsequent years the time changes always takes place on the same date.

Activating automatic summer/winter time changeover

A prerequisite for the automatic summer/winter changeover is entry of the current date.

5. Additional Functions continued
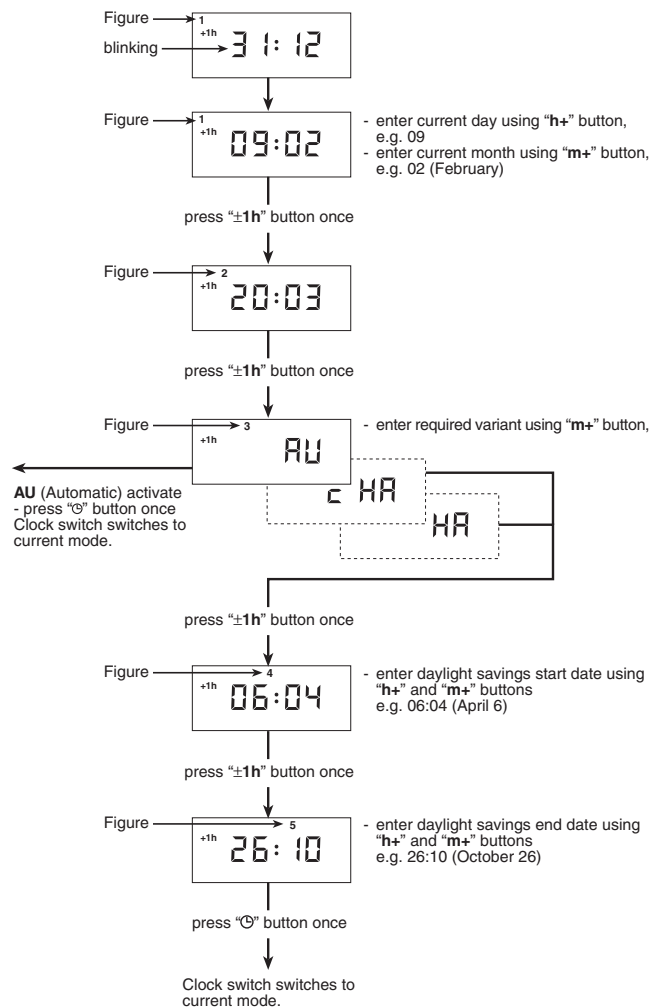
Note: If the clock is switched to AM/PM mode, the month is set using the "**h+**" button and the day using the "**m+**" button.

Entering the current date

Press "±**1h**" and "**Day**" buttons once simultaneously

Figure

blinking → `3 1: 12`

Figure → `09:02`
- enter current day using "**h+**" button, e.g. 09
- enter current month using "**m+**" button, e.g. 02 (February)

press "±**1h**" button once

Figure → `20:03`

press "±**1h**" button once

Figure → `AU`

`c HA`

`HA`

AU (Automatic) activate
- press "⏲" button once
Clock switch switches to current mode.

- enter required variant using "**m+**" button,

press "±**1h**" button once

Figure → `06:04`
- enter daylight savings start date using "**h+**" and "**m+**" buttons e.g. 06:04 (April 6)

press "±**1h**" button once

Figure → `26:10`
- enter daylight savings end date using "**h+**" and "**m+**" buttons e.g. 26:10 (October 26)

press "⏲" button once

Clock switch switches to current mode.

Reading the entered dates

1. Press "±**1h**" and "**Day**" buttons once simultaneously
2. All the entered dates can now be read in sequence by pressing the "±**1h**" several times
3. You can switch to the current mode at any time by pressing the "⏲" button

Changing the entered dates

Changes can only be made in the cHA and HA variants!

1. Press "±**1h**" and "**Day**" buttons once simultaneously
2. Press "±**1h**" button twice
3. Select the cHA or HA variant using the "**m+**" button
4. Modify changeover times as described in figures 1 to 5

Deactivating the automatic Summer / Winter time changeover

1. Press "±**1h**" and "**Day**" buttons once simultaneously
2. Keep pressing the "**h+**" button until "**– –**" is displayed (after last day of respective month)
3. Press "⏲" button: Clock switches to current mode

Then the summer/winter changeover can be made either manually by pressing the "±1h" button once, or new dates can be entered as described in figures 1 to 5.

5.3 Manual Switch "✎"

The current programmed status can be changed at any time using the "✎" button for channel 1 or 2 (depending on version).

The active program does not change in this case.

Automatic Mode ⏲	Manual Mode ✎	Continuous Mode [◉] [◌]
⏲ ◉ = ON	◉ ✎ = ON	[◉] = Continuous ON
⏲ ◌ = OFF	◌ ✎ = OFF	[◌] = Continuous OFF
Switching times correspond with entered program	If the current switching status is changed manually, the next switching command is automatically performed again according to the entered program	You can only return to automatic mode by pressing the "✎" button

5.4 Reading the programmed times

1. press "**Prog.**" button several times:

    – displays all entered programmed times, starting with the first memory location

    – then the first free memory location "**– – : – –**" is displayed

    – then the number of free memory locations is displayed

    If all the memory locations are occupied, the following appears on the display: "**FR** `00`"

2. press "⏲" button:

The clock switch switches to the current mode and displays the current time.

5.5 Changing the programmed times

1. keep pressing "**Prog.**" until programmed time to be changed is displayed
2. Then the new dates can be entered as described in section 4.3

Note on storing programmed times:

If the programming procedure is not completed by pressing the "⏲" button after entering the programmed times (4.3), the entire programming will be stored after approx. 90 seconds.

After 90 seconds of inactivity, the clock returns to the current mode and displays the current time again.

5. Additional Functions continued

5.6 Deleting individual programmed times

1. keep pressing the "**Prog.**" button until the programmed time to be deleted is displayed

2. set to "– –" using the "**h+**" button or the "**m+**" button and hold the "⏱" button down for approx. 3 seconds.

The programmed time is deleted and the current time is displayed when the button is released.

5.7 AM/PM Time display

If the "±**1h**" button and the "**h+**" button are pressed simultaneously, the time display switches to AM/PM mode.

6. Technical Data

Ambient temperature: -10°C to +55°C; Protective grade: II; Accuracy: approx. 2.5 sec/day at 20°C.; Reserve current: 300 hours after charging 48 hours; memory spaces: 42; Shortest program period: 1 minute; Programming: each minute; Type of figures and height: LCD 7mm; Pre-Selection switching: yes; Manual switching: yes; Switch condition indication: yes; Special functions: 7-day, 5-day, weekend, or daily program, summer/winter (daylight savings) time readjustment.

Power Backup

In the case of a loss in the main power supply the backup power ensures that the actual time and the heating programs continue to function. The unit can be completely programmed without a main power supply.

Optional: After 2 hours of charging the Setback Module may be disconnected for programming.