



Remove the control for programming and remount when all setback time slots are entered.

Digital Timer

Time Conversion Chart	
Military (24hr)	Standard (AM/PM)
00:00	12:00 AM
06:00	6:00 AM
12:00	12:00 PM
18:00	6:00 PM
23:00	11:00 PM

* Permanent Selector Switch



- ☾ Temperature setback "ON" (continual permanent setback)
- Temperature setback "OFF" (continual normal heating operation)
- 🕒 Temperature setback "AUTOMATIC" (as per programmed entry)

(NOTE: Above switch selection options applies for this thermostat location only. If alternate locations are receiving the digital timer information, then see "Continuous Program Override" on next page for permanent override instructions.)

Starting up:

After the initial connection to the power supply, charge the battery for 1 hour before removing digital timer from the thermostat. After removal of the digital timer, press the button marked >>RESET<< (Note: >>RESET<< will erase all programming).

Programming the time and day of the week:

During programming, continually press >>⊙<<. Set the arrow on the display to the actual weekday by pressing >>d<<. Set the actual time by pressing >>h<< and >>m<<. After releasing >>⊙<< - the clock will begin to run.

Note: If the programming is interrupted or completed, the display shows the actual time after 40 seconds. If necessary, repeat the programming procedure above.

PROGRAMMING OPTION #1 - Daily program:

If you wish to program the same program for every day of the week utilizing all 12 clock program time slots (6 ON + 6 OFF), this can be accomplished **ONLY** after initial start-up (or reset). To begin programming, **do not press >>d<<** for the respective weekday. The daily repeat program will be indicated with the arrow appearing on the far right of the display (arrow will be to right of the weekday 1-7 numbers). Programming begins as soon as the clock program time slots are entered (no weekday entry is performed).

PROGRAMMING OPTION #2 - Weekly program:

Weekly programs with 8 clock program time slots (4ON + 4OFF), are programmable for one single day, on several consecutive or alternate weekdays, or for all weekdays by using the following programming sequence.

To begin programming:

Press >>Prog.<< for Heating On (☾)

(Normal Heating Mode = Setback period OFF); indicated by (☾)-Mode Indicator:

The display shows -- h; directly above this, the 1 indicates the first program can be entered, and the (☾) to the right indicates "heating on". Now press >>d<< and the arrow starts flashing above 1 (= Monday). If this mode at the particular time selected is desired for Monday, then Monday is entered by pressing >>☾<<. Additional weekdays can be selected by pressing >>d<< and respectively entered by pressing >>☾<<.

If, for example, the command should be carried out from Monday to Friday at the same time, 5 arrows must be indicated above the numbers 1...5.

If you wish to have this particular mode the same for all days of the week, 7 arrows must be indicated above the weekday numbers (1...7). After having entered the weekday(s), the ON response time must be entered by pressing >>h<< and >>m<<.

To complete the programming entry press >>Prog.<<. This now allows programming for Setback On (☽)

(Setback Heating Mode = Setback period ON); indicated by (☽)-Mode Indicator:

☽ will be indicated on the display. The desired weekdays are now selected by pressing >>d<< and then entered by pressing >>☽<< as described previously. The desired length of the setback period can be entered by pressing >>h<< and >>m<< and stored by pressing >>Prog.<<.

TO COMPLETE PROGRAMMING IF ADDITIONAL TIME SLOTS ARE NEEDED:

Setback periods No. 2, 3 and 4 to be entered as previously described. When the program entry is finished please press >> Ⓞ <<.

For review of a previously entered clock program:

Review programming by pressing >>Prog.<<. When you have completed your review, press >> Ⓞ << to return to the normal display.

Change or Deletion of a previously entered clock program:

Recall the program you wish to change or delete by pressing >>Prog.<<. To change the program re-enter either >>h<<, >>m<< or >>d<< to the desired setting. To delete the entire programmed time slot, simultaneously press >>h<, + >>m<<. When all changes or deletions are completed, press >> Ⓞ << to resume normal operation.

Temporary Program Override:

To override the present heating (Ⓞ) or setback (Ⓞ) mode of the clock, Press >>Ⓞ <<. Ⓞ/Ⓞ will be alternately switched. THE CLOCK WILL AUTOMATICALLY REVERT BACK TO AN AUTOMATIC SEQUENCE AS THE NEXT CLOCK PROGRAM TIME SLOT TAKES EFFECT.

Continuous Program Override:

- A) If digital timer is not connected to any other thermostats, use “*Permanent Selector Switch” (see page 1).
- B) To continually override multiple thermostat locations which have been interfaced with the digital timer, press >>Ⓞ << + >>m<< simultaneously. The “dot” (●) displayed in front of the Ⓞ or Ⓞ symbols, indicate that the clock will be in continual normal heating mode, or continual set-back mode. Pressing both >>Ⓞ << + >>m<< simultaneously several times will toggle the

clock through it's four functions, Automatic Normal Heating Mode (Ⓞ), Automatic Setback Heating Mode (Ⓞ), Continual Normal Heating Mode (● Ⓞ), and Continual Setback Heating Mode (● Ⓞ).

Holiday programming:

To program the clock for a specific number of days the building will be unoccupied, (from 1...45 days), use the following procedure:

To begin programming:

Note: Continually press >>h<< during the total programming procedure.

Simultaneously press >>Ⓞ <<, until the number of set-back days required are displayed. After 45 (days), the display returns to 0.

The holiday program starts at 0:00 h (midnight) of the following day and is indicated by >>H Ⓞ <<.

Recall / Change / Deletion

By pressing >>h<<, the stored or remaining setback days are indicated. The number of days can be reset to 00, by pressing >>h<< and >>Ⓞ << simultaneously, so that the counting sequence is continued until 00 is again displayed.

Note: To program a specific number of days for a “Continual Normal Heating Mode”, instead of a “Continual Setback Heating Mode”, first set the continuous program override as per the previously noted procedure, and then enter the holiday programming as detailed above.

Seasonal Summer Clock Changeover (clock ahead / +1 hour):

press >>d<< + >>h<< simultaneously

Seasonal Winter Clock Changeover (clock back/ -1 hour):

press >>d<< + >>m<< simultaneously

Internal back-up battery running time: > 300 h after 48 h of charging time.

Room		
	Clock Program 1	MO-SU
		MO-FR
		SA-SU
		MO
		TU
		WE
		TH
		FR
		SA
		SU

Room		
	Clock Program 3	MO-SU
		MO-FR
		SA-SU
		MO
		TU
		WE
		TH
		FR
		SA
		SU

Room		
	Clock Program 2	MO-SU
		MO-FR
		SA-SU
		MO
		TU
		WE
		TH
		FR
		SA
		SU

Room		
	Clock Program 4	MO-SU
		MO-FR
		SA-SU
		MO
		TU
		WE
		TH
		FR
		SA
		SU