

Programming the DIEHL Series 884.2k Timer

Setting the time of day

1. Set the slide switch to the position "Run".
2. Enter Time Set mode by pressing and holding down the H and M buttons at the same time for 2 to 3 seconds, then release them.
3. Press the H key to advance to the correct hour.
4. Press the M key to advance to the correct minute.
5. Press the "1...7" key to advance the indicator to the correct day of week. (1=Monday, etc.)

The timer will return to its normal display mode after 15 seconds, or immediately after sliding the Run switch to P1 or P2 and then back to RUN.

General information on programming

When in program mode, the channel number is indicated to the immediate right of the *TOP* half of the time display. The current step number is displayed to the immediate right of the *BOTTOM* half of the time display.

Programming Channel 1

Set the RUN switch to P1

Use the H and M buttons to enter "*Turn On*" times into odd numbered steps.

Use the 1...7 key to select the day or group off days the current ON Time should occur.

Use the P button to advance to the next program step.

Use the H and M buttons to enter "*Turn Off*" times into even numbered steps.

Use the 1...7 key to select the day or group off days the current OFF Time should occur.

Press the P button to review

Set the RUN switch to RUN

Programming Channel 2

Set the RUN switch to P2

Use the H and M buttons to enter "*Turn On*" times into odd numbered steps.

Use the 1...7 key to select the day or group off days the current ON Time should occur.

Use the P button to advance to the next program step.

Use the H and M buttons to enter "*Turn Off*" times into even numbered steps.

Use the 1...7 key to select the day or group off days the current OFF Time should occur.

Press the P button to review

Set the RUN switch to RUN

To erase a program step;

1. Set the RUN switch to the program (P1 or P2) which contains the instruction to be erased.
2. Press the P button to advance to the program step to be erased.
3. Press and hold down the SKIP ($\rightarrow\leftrightarrow$) key, then press and hold down the P key at the same time, until the display shows 0:00.
4. The instruction has been erased.

Skip-Function (Soft-Override)

The Skip Function changes the switching mode of the connected load until the next programmed step is reached.

For instance:

If the channel is in ON mode, pressing the Skip-button ($\rightarrow\leftrightarrow$) will immediately turn it OFF and vice-verse.

Proceed as follows:

1. Set the right sliding switch to position RUN.
2. Pressing Skip-button ($\rightarrow\leftrightarrow$) once switches Channel 1.
Pressing Skip-button ($\rightarrow\leftrightarrow$) twice switches Channel 2.
The Skip symbol ($\rightarrow\leftrightarrow$) show up in the Display.
3. Further pressing of the Skip-button ($\rightarrow\leftrightarrow$) brings up the Skip Function again

Please note in connection with the Skip Function:

- Display of the number and the symbol occurs after a lapse of about 3 seconds.
- The Skip Function only operated until the next programmed switch time is reached. At this point the Skip Function is deleted and the programmed switch time cycles are activated again.

Program Examples

Store opens 5:30 AM Monday through Saturday. Opens at 7:00 AM Sunday. Closes at 11:00 PM Sunday through Thursday, Open all night Friday, and closes at 1:00 AM Saturday night. Parking lot lights turn on 1 hour before store opens and turn off 1 hour after store closes.

- 1) Reset
- 2) Set Time
- 3) Run switch to P1

<i>TIMER STEP</i>	<i>TIME</i>	<i>DAYS</i>	<i>COMMENT</i>
1 (ON)	5:30 AM	1	Turn on ch 1 Mon.
2 (OFF)	11:00 PM	1	Turn off ch 1 Mon. night
3 (ON)	5:30 AM	2	Turn on ch 1 Tue.
4 (OFF)	11:00 PM	2	Turn off ch 1 Tue. night
5 (ON)	5:30 AM	3	Turn on ch 1 Wed.
6 (OFF)	11:00 PM	3	Turn off ch 1 Wed. night
7 (ON)	5:30 AM	4	Turn on ch 1 Thur.
8 (OFF)	11:00 PM	4	Turn off ch 1 Thur. night
9 (ON)	5:30 AM	5	Turn on ch 1 Fri.
10 (OFF)	1:00 AM	7	Turn off ch 1 Sat. night
11 (ON)	7:00 AM	7	Turn on ch 1 Sun.
12 (OFF)	11:00 PM	7	Turn off ch 1 Sun. night
13 (ON)	BLANK		
14 (OFF)	BLANK		
15 (ON)	BLANK		
16 (OFF)	BLANK		

- 4) Set RUN switch to P2

<i>TIMER STEP</i>	<i>TIME</i>	<i>DAYS</i>	<i>COMMENT</i>
1 (ON)	4:30 AM	1	Turn on ch 2 Mon.
2 (OFF)	12:00 AM	2	Turn off ch 2 Mon. night
3 (ON)	4:30 AM	2	Turn on ch 2 Tue.
4 (OFF)	12:00 AM	3	Turn off ch 2 Tue. night
5 (ON)	4:30 AM	3	Turn on ch 2 Wed.
6 (OFF)	12:00 AM	4	Turn off ch 2 Wed. night
7 (ON)	4:30 AM	4	Turn on ch 2 Thur.
8 (OFF)	12:00 AM	5	Turn off ch 2 Thur. night
9 (ON)	4:30 AM	5	Turn on ch 2 Fri.
10 (OFF)	2:00 AM	7	Turn off ch 2 Sat. night
11 (ON)	6:00 AM	7	Turn on ch 2 Sun.
12 (OFF)	12:00 AM	1	Turn off ch 2 Sun.
13 (ON)	BLANK		
14 (OFF)	BLANK		
15 (ON)	BLANK		
16 (OFF)	BLANK		

- 5) Set Run Switch to RUN.

My Store's Program

Use the following chart to record your stores unique program. Check to make sure there is an "Off" time associated to every "On" time.

Channel 1 (P1) Program for road sign, soffit and fascia lighting circuits.

<i>TIMER STEP</i>	<i>TIME</i>	<i>DAYS</i>	<i>COMMENT</i>
1 (ON)			
2 (OFF)			
3 (ON)			
4 (OFF)			
5 (ON)			
6 (OFF)			
7 (ON)			
8 (OFF)			
9 (ON)			
10 (OFF)			
11 (ON)			
12 (OFF)			
13 (ON)			
14 (OFF)			
15 (ON)			
16 (OFF)			

Channel 2 (P2) Program for parking lot lighting circuits.

<i>TIMER STEP</i>	<i>TIME</i>	<i>DAYS</i>	<i>COMMENT</i>
1 (ON)			
2 (OFF)			
3 (ON)			
4 (OFF)			
5 (ON)			
6 (OFF)			
7 (ON)			
8 (OFF)			
9 (ON)			
10 (OFF)			
11 (ON)			
12 (OFF)			
13 (ON)			
14 (OFF)			
15 (ON)			
16 (OFF)			