Using the System 30 Timer

a quick-reference guide for Versions C.2.0*, D.2.1*, B.2.2*, E.2.2*, F.2.2*, G.2.2*, H.2.2*, A.2.3*, K.2.3* and above

The flowchart on this foldout overview of how to reach the various menu functions of the System 30. Continue through this Quick Guide for step-by-step instructions.

In the event of an electrical power outage such as from a lightning storm or power generator failure, if you experience problems with your HME equipment after the electricity comes on again, unplug the AC power adapters from their electrical outlets, then plug them back in.
How to use this quick-reference guide

This guide will help you do some basic System 30 Timer jobs such as printing reports, changing the system setup and working with dayparts and shifts.

Here's how ...

- Look in the Table of Contents for the job you want to do.
- Check to find out which store type you have.
- Be sure you understand what dayparts and shifts are.
- Follow the step-by-step directions for the job you want to do.
- For more detailed information about your timer system, refer to the System 30 Timer Operating Instructions on the HME website at http://www.hme.com/userManuals.cfm.
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**What's a daypart?**

- A daypart is any part of a day when you specifically want to measure service times. It can be during breakfast, mid-morning, lunch, afternoon, etc.

- A daypart can be any amount of time; 1 hour, 2½ hours, etc.

- Up to 12 dayparts can be set for each day. They are referred to as daypart 1, daypart 2, etc.

- A daypart is measured from the beginning of one block of time to the beginning of the next.

- The first daypart starts at (or after) your store's opening time, and the last daypart always ends at closing time.

**What's a shift?**

- A shift is a part of a day that refers to a time when a particular crew is working. It is typically used to measure crew performance, based on service times.

- A shift can be any amount of time; 1 hour, 2½ hours, etc.

- Up to 3 shifts can be set for each day.

- Unlike dayparts, shifts can be set to overlap.
Printing On-Demand Reports

Select which of the following reports you want to print, and go to the page shown for that report.

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NOTE: Before attempting to print any reports, press the EXIT key several times, until the display no longer changes.
The printout of the Every Car Report will show the date and time of the report, along with the range of dates that you select. It will show the last two detection points “ON,” and the Total Time for each car.

1. Press the EVERY CAR REPORT key on the keypad.

The Every Car Report display will appear, showing the current date and time on the Fm and To lines.

Every Car Report:
Fm: JAN 01 12:00A
To: JAN 01 12:00A
Print Report: START

The “Fm” (from) line on the display indicates when the report period will begin. The “To” line indicates when the report period will end.

Press the EXIT key to leave the Every Car Report display at any time.

2. When a month is flashing, press the + or – key if you want to change the month for the report to begin or end, then press the ENTER key.

- When a day or time is flashing, use the number keys to enter the day or time you want the report to begin or end, then press the ENTER key.

- When “A” or “P” is flashing, press the + or – key if you want to change the time for the report to begin or end to AM or PM, then press the ENTER key.

- When START is flashing on the “Print Report” line, press the ENTER key to begin printing the report.

- To stop this report while printing, press the EVERY CAR REPORT key to reenter the EVERY CAR REPORT display, and press the ENTER key when “STOP” is flashing.

You're Done!
The printout of the Hour Report will show the date and time of the report, the Store ID, along with counts for Total Cars, Total Hours & Minutes, Average Time, Cars served within each goal, and Longest times for Menu, Service and Total times. This report also shows Total Pullouts, Total Pullins, Average Queue Time, Average Cars in the Lane, and system information (power fails, system resets and vehicle detector resets).

1. Press the HOUR REPORT key on the keypad.

The Hour Report display will appear, showing the current date.

2. Hour Report: 10A  
   From: MAR 08  
   To: MAR 08  
   Print Report: START

The "Hour Report" line on the display indicates the beginning time for the report hour to begin. The "From" and "To" lines indicate the beginning and ending dates for which the selected hour will be reported.

Press the EXIT key to leave the Hour Report display at any time.

- When the hour is flashing, use the number keys to enter the beginning time you want the hour report to begin, then press the ENTER key.

- When "A" or "P" is flashing, press the + or – key if you want to change the time for the report to begin to AM or PM, then press the ENTER key.

- When a month is flashing, press the + or – key if you want to change the month for the report to begin or end, then press the ENTER key.

- When a day is flashing, use the number keys to enter the day you want the report to begin or end, then press the ENTER key.

- When START is flashing on the "Print Report:" line, press the ENTER key to begin printing the report.

- To stop this report while printing, press the HOUR REPORT key to reenter the HOUR REPORT display, and press the ENTER key when "STOP" is flashing.

You're Done!
**Daypart Report**

The printout of the *Daypart Report* will show the date and time of the report, the Store ID, along with counts for Total Cars, Total Hours & Minutes, Average Time, Cars served within each goal, and Longest times for Menu, Service and Total times. This report also shows Total Pullouts, Total Pullins, Average Lane Time, average Cars in the Lane, and system information (power fails, system resets and vehicle detector resets). If the report request is for more than one day, a daypart report will be printed compiling data from the specified daypart for all of the requested days.

1. Press the **DAYPART REPORT** key on the keypad.

   ![Daypart Report Display]

   The Daypart Report display will appear, showing the current date.

   **Daypart Report:**
   **Daypart:** 02 09:00A
   **Dates:** JAN 14 JAN 14
   **Print Report:** START

   The “Daypart” line on the display indicates the number of the daypart selected and the time it begins. The “Dates” line indicates the dates for which the selected daypart will be reported.

   Press the **EXIT** key to leave the Daypart Report display at any time.

2. When the daypart number is flashing, use the number keys to enter the daypart you want reported, then press the **ENTER** key.

3. When a month is flashing, press the + or – key if you want to change the month for the report to begin or end, then press the **ENTER** key.

4. When a day is flashing, use the number keys to enter the day you want the report to begin or end, then press the **ENTER** key.

5. When **START** is flashing on the “Print Report:” line, press the **ENTER** key to begin printing the report.

6. To stop this report while printing, press the **DAYPART REPORT** key to reenter the **DAYPART REPORT** display, and press the **ENTER** key when “STOP” is flashing.

You’re Done!
The printout of the Shift Report will show the date and time of the report, the Store ID, along with counts for Total Cars, Total Hours & Minutes, Average Time, Cars served within each goal, and Longest times for Menu, Service and Total times. This report also shows Total Pullouts, Total Pullins, Average Lane Time, average Cars in the Lane, and system information (power fails, system resets and vehicle detector resets).

1. Press the SHIFT REPORT key on the keypad.

   The Shift Report display will appear, showing the current date.

   ![Shift Report Display]

   The “Shift” line on the display indicates the number of the shift selected and the time it begins. The “From” and “To” lines indicate the beginning and ending dates for which the selected hour will be reported.

   Press the EXIT key to leave the Shift Report display at any time.

2. When the shift number is flashing, use the number keys to enter the shift you want reported, then press the ENTER key.

2. When a month is flashing, press the + or – key if you want to change the month for the report to begin or end, then press the ENTER key.

2. When a day is flashing, use the number keys to enter the day you want the report to begin or end, then press the ENTER key.

2. When START is flashing on the “Print Report:” line, press the ENTER key to begin printing the report.

2. To stop this report while printing, press the SHIFT REPORT key to reenter the SHIFT REPORT display, and press the ENTER key when “STOP” is flashing.

You're Done!
The printout of the **Day Report** will show the date and time of the report, the Store ID, along with counts for Total Cars, Total Hours & Minutes, Average Time, and Cars served within each goal. This report also shows Total Pullouts, Total Pullins, Average Lane Time, Average Cars in Lane, and system information (power fails, system resets and vehicle detector resets).

1. Press the **DAY REPORT** key on the keypad.

   ![Day Report Keypad]

   The Day Report display will appear, showing the current date.

   ![Day Report Display]

   The “From” and “To” lines indicate the beginning and ending dates which will be reported.

   Press the **EXIT** key to leave the Day Report display at any time.

2. When a month is flashing, press the + or – key if you want to change the month for the report to begin or end, then press the **ENTER** key.

3. When a day is flashing, use the number keys to enter the day you want the report to begin or end, then press the **ENTER** key.

4. When **START** is flashing on the “Print Report:” line, press the **ENTER** key to begin printing the report.

5. To stop this report while printing, press the **DAY REPORT** key to reenter the **DAY REPORT** display, and press the **ENTER** key when “STOP” is flashing.

*You're Done!*
The printout of the Week Report will show the date and time of the report, the Store ID, along with counts for Total Cars, Total Hours & Minutes, Average Time, and Cars served within each goal. This report also shows Total Pullouts, Total Pullins, Average Lane Time, Average Cars in Lane, and system information (power fails, system resets and vehicle detector resets).

1  Press the WEEK REPORT key on the keypad.

![WEEK REPORT](image)

The Week Report display will appear, showing the current date.

<table>
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<th>Week Report:</th>
<th>OFF</th>
</tr>
</thead>
<tbody>
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<td>From:</td>
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</tr>
<tr>
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<td>MAY 13, 00</td>
</tr>
<tr>
<td>Print Report:</td>
<td>START</td>
</tr>
</tbody>
</table>

The “From” and “To” lines indicate the beginning and ending dates which will be reported.

Press the EXIT key to leave the Week Report display at any time.

2  - When OFF or DAYON is flashing on the “Week Report:” line, press the + or – key if you want to change whether the Day reports follow the week report, then press the ENTER key.

- When a month is flashing, press the + or – key if you want to change the month for the report to begin or end, then press the ENTER key.

- When a day is flashing, use the number keys to enter the day you want the report to begin or end, then press the ENTER key.

- When START is flashing on the “Print Report:” line, press the ENTER key to begin printing the report.

- To stop this report while printing, press the WEEK REPORT key to reenter the WEEK REPORT display, and press the ENTER key when “STOP” is flashing.

You're Done!
The printout of the Month Report will show the date and time of the report, the Store ID, along with counts for Total Cars, Total Hours & Minutes, Average Time, and Cars served within each goal. This report also shows Total Pullouts, Total Pullins, Average Lane Time, Average Cars in Lane, and system information (power fails, system resets and vehicle detector resets).

1. Press the MONTH REPORT key on the keypad.

The Month Report display will appear, showing the current date.

Press the EXIT key to leave the Month Report display at any time.

Hint!

- When a year is flashing, use the number keys to enter the year of the month you want to be reported, then press the ENTER key.
- When START is flashing on the “Print Report:” line, press the ENTER key to begin printing the report.
- To stop this report while printing, press the MONTH REPORT key to reenter the MONTH REPORT display, and press the ENTER key when “STOP” is flashing.

If you enter a month after the current month, that month from last year will be printed.

You’re Done!
The printout of the Year-to-Date Report will show the date and time of the report and the Store ID, along with counts for Total Cars, Total Hours & Minutes, Average Time, and Cars served within each goal. This report also shows Total Pullouts, Total Pullins, Average Lane Time, Average Cars in Lane, and system information (power fails, system resets and vehicle detector resets).

1 Press the YEAR-TO-DATE REPORT key on the keypad.

The Year-to-Date Report display will appear.

When START is flashing on the “Print Report:” line, press the ENTER key to begin printing the report.

To stop this report while printing, press the YEAR-TO-DATE REPORT key to reenter the YEAR-TO-DATE REPORT display, and press the ENTER key when “STOP” is flashing.

You’re Done!
Changing the System Setup

1 Press the SET UP SYSTEM key on the keypad.

The Set Up System Menus display will appear.

Press the EXIT key any time you want to stop.

2 If SYSTEM SETUP is not flashing on the display, press the + or – key until SYSTEM SETUP is flashing, then press the ENTER key.

The System Setup display will appear.

3 If SET DATE & TIME is not flashing on the System Setup display, press the + or – key until SET DATE & TIME is flashing, then press the ENTER key.

The Date/Time display will appear.
4

Date/Time
Date: JAN 24, 00
Time: 07:57A
Daylight Sav: NO

- When a month is flashing, press the + or – key if you want to change the month for the report to begin or end, then press the ENTER key.

- When a day or time is flashing, use the number keys to enter the day or time you want the report to begin or end, then press the ENTER key.

- When “A” or “P” is flashing, press the + or – key if you want to change the time for the report to begin or end to AM or PM, then press the ENTER key. For all Timer versions except A.2.3* or K.2.3* and above.

- If “YES” is flashing, press the + or – key and change the automatic daylight-savings time setup to “NO,” then press the ENTER key.

Your System 30 Timer was designed to automatically adjust the times shown on reports when the Daylight Sav: is set to YES. This adjustment was set for American Standard daylight savings time dates before 2007. Due to changes in those dates, beginning 2007, it is necessary to turn off the automatic adjustment by setting Daylight Sav: to NO, and to adjust the clock manually, according to the instructions above, each time daylight-savings time changes occur in your area.

NOTE: Daylight Savings Time cannot be edited and is always disabled in Timer Version A.2.3* or K.2.3*

These adjustments should be made when the store is closed. If PC30 is connected to your timer and running, discontinue the PC30 program before adjusting the clock.

5

System Setup:
STORE HOURS
Press + or - & ENTER

If STORE HOURS is not flashing on the System Setup display, press the + or – key until STORE HOURS is flashing, then press the ENTER key.

The Store Hours display will appear.

6

Store Hours:
For Day: ALL
06:00A - 11:30P
Press + or - & ENTER

- When ALL is flashing, press the + or – key if you want to change the day to set the store hours for a specific day, then press the ENTER key.

- When the hours or minutes on the left side are flashing, use the number keys to enter the time you want the store to open. Press the ENTER key after the hour entry and after the minute entry.

- When “A” or “P” is flashing, press the + or – key if you want to change the opening time to AM or PM, then press the ENTER key.
• When the hours or minutes on the right side are flashing, use the number keys to enter the time you want the store to close. Press the ENTER key after the hour entry and after the minute entry.

• When “A” or “P” is flashing, press the + or – key if you want to change the closing time to AM or PM, then press the ENTER key.

• To save the entries you have made, press the ENTER key.

• To return to the System Setup display, press the EXIT key.

If SET UP ACCOUNTING is not flashing on the System Setup display, press the + or – key until SET UP ACCOUNTING is flashing, then press the ENTER key.

The Set Up Accounting display will appear.

8

Set Up Accounting:
Begin: Week MON
Fiscal Yr JAN 01
StoreID# 0

• When the day is flashing, press the + or – key if you want to change the day on which weekly data will begin to be collected, then press the ENTER key.

• When the month is flashing, press the + or – key if you want to change the month in which data will begin to be collected for the fiscal year, then press the ENTER key.

• When the day of the month is flashing, use the number keys to enter the day of the month on which the fiscal year will begin, then press the ENTER key.

• When the Store ID# line is flashing, use the number keys to enter an ID number of up to eight digits, then press the ENTER key.

• To save the entries you have made and return to the System Setup display, press the EXIT key.

You're Done!
Adding or Changing Dayparts

1. Press the SET UP DAYPARTS & SHIFTS key on the keypad.

   The Set Up Dayparts/Shifts Menus display will appear.

   Press the EXIT key any time you want to return to the previous display.

2. If DAYPARTS is not flashing on the display, press the + or - key until DAYPARTS is flashing, then press the ENTER key.

   The Set Up Dayparts (p1) display will appear.

   Up to 12 dayparts can be set up. The (p1) display is for dayparts 01-04, (p2) is for 05-08, and (p3) is for 09-12. Set up dayparts by entering the first daypart followed by the second, and so on. Enter zeroes for any unused dayparts, and they will be disabled.
3

- When the hour or minutes for a daypart is flashing, use the number keys to enter the time you want that daypart to begin, then press the ENTER key.

- When “A” or “P” for a daypart is flashing, press the + or – key if you want to change the time for that daypart to begin to AM or PM, then press the ENTER key.

- After entering the beginning times for all four dayparts, to go on to the next set of dayparts, press the ENTER key.

The Set Up Dayparts (p3) display will appear.

- Enter the beginning times for all four dayparts, then press the ENTER key to go on to the next set of dayparts.

The Set Up Dayparts (p3) display will appear.

- Repeat step 3 for the last four dayparts.

You’re Done!
Adding or Changing Shifts

1. Press the SET UP DAYPARTS & SHIFTS key on the keypad.

   ![SET UP DAYPARTS & SHIFTS Key]

   The Set Up Dayparts/Shifts Menus display will appear.

   ![Set Up Dayparts/Shifts Menus]

   Press the EXIT key any time you want to return to the previous display.

2. If SHIFTS is not flashing on the display, press the + or – key until SHIFTS is flashing, then press the ENTER key.

   ![Set Up Shifts]

   The Set Up Shifts display will appear.
Set Up Shifts:
1. 07:30A/11:30A
2. 11:30A/01:00P
3. 04:00P/11:00P

- When the hour or minutes for a shift is flashing, use the number keys to enter the time you want that shift to begin/end, then press the **ENTER** key.

- When "A" or "P" for a shift is flashing, press the + or - key if you want to change the time for that shift to begin to AM or PM, then press the **ENTER** key.

- After entering the beginning and ending times for all three shifts, press the **EXIT** key to store your entries and return to the Set Up Dayparts/Shifts Menus display.

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**Problems?**

**Print System Settings**

If you have any problems operating your System 30 Timer, first print out a copy of the system settings, then call HME at 1-800-848-4468. To print the system settings, follow these instructions.

- Press the SET UP SYSTEM button.

*The Set Up System Menus display will appear.*

Set Up System Menus:
PRINT PROGRAMMING
Press + or - & **ENTER**

*Press the **EXIT** key any time you want to return to the previous display.*

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*You're Done!*
• Press the + or – key until PRINT PROGRAMMING is flashing, then press the ENTER key.

The Print Programming display will appear.

- Press the + or – key until ALL is flashing, then press the ENTER key.

How to Recognize Your Store Type

Look at the following drawings to find which type of store layout you have. The illustrations shown are of typical store layouts, but other layouts are also possible.

Type 1 • has one lane

Keep a printout of all the system settings clipped in the back of this book, so you will have it handy whenever you need to know what the settings are.

Hint!

You're Done!

One-lane drive-thru layout
Type 2 • has two lanes

Two-lane drive-thru layout