

This quick reference describes the use of the DM-100 controller with DataTime LED Time & Temperature Displays. For a complete description of controller functionality, see Section 7: in the Time & Temp Display Installation and Operation (ED-13752).

1. Plug the DM-100 controller into the junction box using the provided 9-pin cable. To configure the DM-100 controller, use the **CLEAR/SET FUNCTION** key on start-up. The following text is displayed on the LCD during start-up:

- Daktronics, Inc.
- Brookings, SD
- DataMaster 100
- ED-13374 VX.X

The controller lists the **Current Function**.

**Note:** Press the **Clear/Set Function** key quickly to enter **Function** mode. If you miss this step, unplug the power to the DM-100 controller and start again.

LCD Screen	Action
<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> <b>SELECT FUNCTION TIME AND TEMP</b> ↑↓                 </div>	Press the arrow up or down key ↑↓ until the Time and Temp option is shown. Press the <b>ENTER</b> key to accept.

2. Use the **Daylight Savings Select** menu to set the sign to automatically correct for daylight-saving time.

LCD Screen	Action
<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> <b>DAYLIGHT SAVINGS TIME AND TEMP</b> ↑↓                 </div>	<ul style="list-style-type: none"> <li>• Press the <b>ENTER</b> key to accept.</li> <li>• Press the down arrow key ↓ to select the Enable or Disable daylight savings time correction.</li> <li>• If enabled, display time will automatically correct for daylight savings time. The default setting is Daylight Savings Time Enabled.</li> </ul> <p><b>Note:</b> For changes to take effect, the time must be updated on the display. Use the <b>Set Time</b> menu function.</p>
<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> <b>DAYLIGHT SAVINGS ENABLE?</b> ↓                 </div>	

3. Use the **Set Time** menu to set the time on the display.

LCD Screen	Action
<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> <b>SET TIME - 12HR ENTER TO EDIT</b> </div>	<ul style="list-style-type: none"> <li>• The LCD screen goes to the <b>Set Time</b> screen after changing the Daylight Saving Time screen, or can be selected using the menu.</li> <li>• Press <b>ENTER/EDIT</b> to modify the time listed on the screen.</li> </ul> <p><b>Note:</b> The flashing asterisk shows current data being edited.</p> <ul style="list-style-type: none"> <li>• The LCD screen displays the time followed by a blinking asterisk (*). Change the time and use the ↓ to switch between AM and PM. The AM/PM setting is not shown when 24-hour time is selected.</li> <li>• Use the same process for the 24-hour format (times shown in military time)</li> <li>• To save changes, press <b>ENTER</b> when finished editing.</li> <li>• Press the <b>CLEAR</b> button to cancel changes</li> </ul>
<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> <b>SET TIME - 12 HR 12:00 PM</b> ↓                 </div>	

4. Set the correct date if daylight savings time autocorrection is enabled.
5. Use the **Set Sequence Order** menu to set the order that information appears on the display.

LCD Screen	Action
<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <b>SEQUENCE ORDER</b>  <b>TIME, °F, °C</b> ↓         </div>	<ul style="list-style-type: none"> <li>• The current order is displayed on the bottom line of the LCD.</li> <li>• Press the down arrow key ↓ to select the alternate sequence.</li> <li>• Possible sequence options are as follows:</li> <li>• Time, °F, °C (default)</li> <li>• Time, °C, °F</li> <li>• Time, °C, Time, °F</li> <li>• Time, °F</li> <li>• Time, °C</li> <li>• Time</li> <li>• °F</li> <li>• °C</li> <li>• °F, °C</li> <li>• Time, °F, °C, %RH</li> <li>• Time, °C, °F, %RH</li> <li>• To save changes, press the <b>ENTER</b> button when finished editing.</li> </ul>

**Note:** The new sequence is saved when the handheld controller is powered down.

Modify sequences using the hold time parameter (see the °C FORMAT, °F FORMAT, and TIME FORMAT functions) to disable one or more selected display items. For example, to disable temperature in °C from a sequence, select the **Temp °C Format/Hold** menu and enter a **0** hold time.