

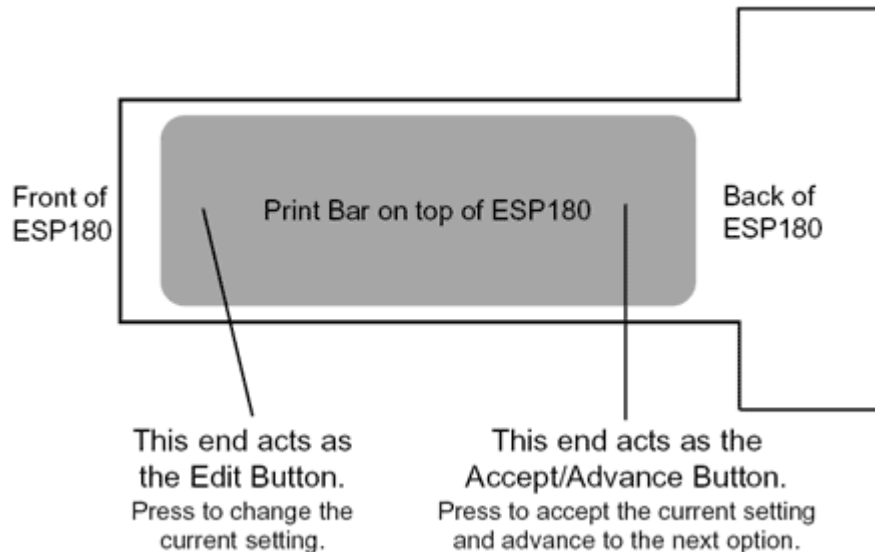


ESP180 Side-Printing Time Recorder

Programming overview

To enter the programming mode, insert the key in the bottom of the unit and turn clockwise one-quarter turn. Then remove the key. The machine will remain in programming mode until both ends of the print bar are pressed at the same time or until it reaches the end of the programming menu cycle.

In the programming mode, the print bar becomes two separate programming switches. The portion closest to the front, which we call the *Edit Button*, edits the current setting. Press it to change data. If you hold down the button, the selections will advance more quickly. The portion closest to the rear of the printer, which we call the *Accept/Advance Button*, accepts the setting and advances the procedure to the next option in the programming menu.



To exit the programming sequence, either press both ends of the print bar at the same time or continue through the end of the programming sequence. You may exit the programming sequence at any time except when customizing printing formats. The ESP180 will save the new settings and return to the time and date display.

Setting Daylight Saving Time (DST)

Make sure the ESP180 is in programming mode. Press the **Accept/Advance Button** until you see **DST** flash in the display. Then, either the word **OFF** or **ON** will appear in the display.



OFF and **ON** indicate whether the Daylight Saving Time feature is turned on off or on.

If ON is displayed, the clock will automatically assign the U.S. standards for Daylight Saving Time. It will make the proper adjustment on the first Sunday in April and the last Sunday in October.

Note: You have the option of changing the start and stop months and dates for the automatic time change. If your business requires other dates than the U.S. standard, you must reprogram the appropriate dates for time changes each year.

If **OFF** is displayed, no automatic time changes will be made.

If the displayed setting is correct and you have no further programming changes you need to make, you can simply press both ends of the print bar to exit programming mode at this point.

To change **OFF** to **ON**, or vice versa, press the **Edit Button**.

Press the **Accept/Advance Button** to accept the desired Daylight Saving Time option shown on the display. If you choose **OFF**, no automatic time adjustments will be made. If you choose **ON**, you will then be able to edit the start and stop months and dates for time changes in your region, if necessary.

If you have chosen **ON**, **SDST** (Start Daylight Saving Time) will flash in the display, then the *Daylight Saving Time start month* will be displayed.

To change the start month shown, press the **Edit Button**. The display will cycle through the twelve months.

When you have reached the month you need, press the **Accept/Advance Button** to accept the Daylight Saving Time start month shown on the display.

Then a date in that month will appear on the display, with the date portion of the display flashing. To change the start date shown, press the **Edit Button**. When you have reached the date you need, press the **Accept/Advance Button** to advance to the next programming option, the setting of *End Daylight Saving Time*.

EDST (End Daylight Saving Time) will flash in the display, then the month in which Daylight Saving Time ends will be displayed.

To change the End Daylight Saving Time month, press the **Edit Button**. The display will cycle through the twelve months.

When you reach the month you need, press the **Accept/Advance Button** to accept the month shown on the display.

Then the date will appear on the display, along with the month. The date portion of the display will be flashing. To change the end date displayed, press the **Edit Button**. When you reach the date you need, press the **Accept/Advance Button** to advance to the next programming menu item.

If you have no further changes, you can exit the programming sequence at this point by pressing both ends of the print bar at the same time, or you can continue through the end of the programming sequence.

Setting the time manually

Make sure the ESP180 is in *programming mode*.

The message **TIME** will flash, then the current time will appear.



The minutes will flash, and the seconds will be displayed at the left. The seconds will continue to be displayed until the **Edit Button** is pressed. Then the seconds will revert to **0**.

You should continue to press the **Edit Button** until the desired time in minutes appears. Then press the **Accept/Advance Button** to accept the display as shown.

Next, the hour will begin to flash. Press the **Edit Button** until the desired hour appears, making sure the AM or PM setting is correct. Once again, press the **Accept/Advance Button** to accept the display as shown. You will then automatically advance to the next programming menu option.

To exit the programming sequence, either press both ends of the print bar at the same time or continue through the end of the programming sequence.

NOTE: When you are in the process of *setting* the time, the clock will display time in a 12-hour format. You will be able later to take advantage of a separate step in the programming menu to program the clock to *display* the time in either a 12-hour or a 24-hour format. The clock will display minutes only, not tenths or hundredths.

For more information, refer to your User Manual.