



## Hibernation Feature

The ADA EZ hibernates after a period of inactivity. The hibernate feature default is 2 hours but is adjustable to 8 hours, 72 hours, or can be turned off all together.

Most people never notice that the feature is active. We shut down the RF (and all the other current sources) after 2 hours to preserve battery life. So in an office environment the unit is essentially asleep from 7pm until 6am until the first employee arrives. That effectively doubles your battery life. In a school or university setting the ADA EZ can sit idle for months during the summer break and consume little to no battery power.

Simply activate the door once manually to wake the ADA EZ up from its hibernation mode.

Our RF receiver circuit is unlike any other manufacture's in that it uses battery power to "Listen" for the ADA EZ activate signal. True others make RF equipment but in almost all cases the "Receiver" is plugged into a hardwired power source and only the transmitter is battery powered. ADA EZ utilizes both a battery operated transmitter and receiver.

The ADA EZ can be installed and never used manually for 2.5 years and the battery will still have enough power to open the door and dozen or so times. The reason we suggest 80 manual cycles per day is to allow the ADA EZ will self generate all the power it needs to keep its field replaceable, onboard, battery pack charged for up to 12 years and in some cases longer.

A fully charged battery has the capability to open a door up to 2000 times in a row, generously allowing for periodic fluctuations from 80/20 guidelines with little impact on the product's overall usability. For example 25% automatic use for one day is not a problem, so long as that level of automatic use is not sustained.

Instructions on how to change the settings appear below. Plugging the unit in using the HDWR option automatically turns off the hibernate feature.



**NOTE**

Changing the RF hibernation setting is *not* recommended.

The hibernation program will turn off the RF receiver after a period of time saving battery power. There are four time settings: 2 hrs, 8 hrs, 72 hrs, and off. The controls are shipped with the 2 hour hibernation program in place.

5.12.5 If necessary, CHANGE the RF hibernation setting as follows:

- a. PRESS and HOLD "ENTER" button for 10 seconds. The following shall occur:
  - The first LED shall illuminate green to indicate hibernation setting "1" (2 hrs).
  - LEDs DS8 through DS11 shall light to indicate the current hibernation setting. (DS8, setting "1"= 2 hrs (default); DS9, setting "2"= 8 hrs; DS10, setting "3"= 72 hrs; DS11, setting "4"= no hibernation)
- b. To change the hibernation setting to setting "2" (8 hrs), PRESS "ENTER." The second LED (DS9) shall illuminate green.
- c. To change the hibernation setting to setting "3" (72 hrs), PRESS "ENTER." The third LED (DS10) shall illuminate green.
- d. To change the hibernation setting to setting "4" (no hibernation), PRESS "ENTER." The fourth LED (DS11) shall illuminate green.
- e. To change the hibernation setting back to setting "1" (2 hrs), PRESS "ENTER." The first LED (DS8) shall illuminate green.
- f. To toggle through the four hibernation settings PRESS SELECT. The setting shall alternate between setting "1," "2," "3," "4," "1," "2," etc.
- g. When the desired hibernation setting is selected, PRESS and HOLD "ENTER" for 3 seconds. The following shall occur:
  - The new hibernation setting shall be saved.
  - The hibernation programming mode shall be exited.
- h. To reset the hibernation setting controls, PERFORM the following:
  - 1) PRESS and HOLD "ENTER."

**NOTE**

If no buttons are pressed for 10 seconds after entering the hibernation programming mode the mode shall be exited.

2) PRESS "RESET."

3) RELEASE "RESET." The hibernation mode shall return to default setting "1" (2 hrs).

5.12.6 INSTALL the bottom cover onto the operator.

