

9) Replacing the Control Board Battery

Before removing the Control Board and to avoid any static discharge to the Control Board during the replacement of the battery, please take ESD (Electro Static Discharge) precautions.

* Important Note!

Before you remove the battery from the holder, make sure that the replacement battery is within reach, as the **Control Board must not be without battery power for more than 30 seconds.**

Otherwise, all software and the setup data will be erased. *

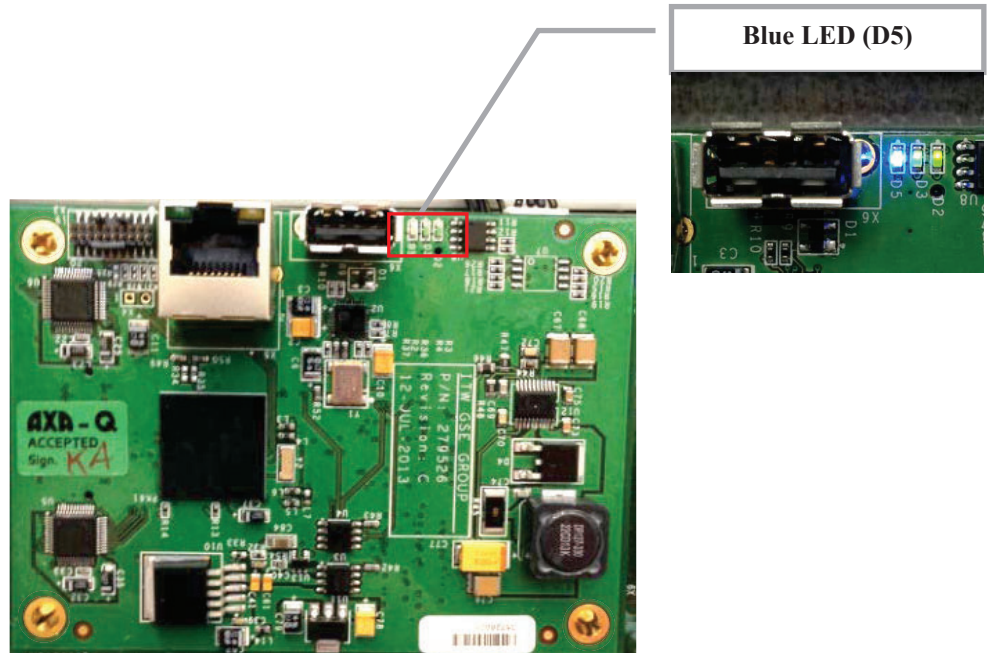


Fig. 8.2.3 Control Board (front view)

To replace the battery, **Switch OFF** the unit by means of Q1. Remove the Control Board from its 4 posts marked with a  in Figure 8.2.3. Place the PCB on an insulated surface, with the back side face up.

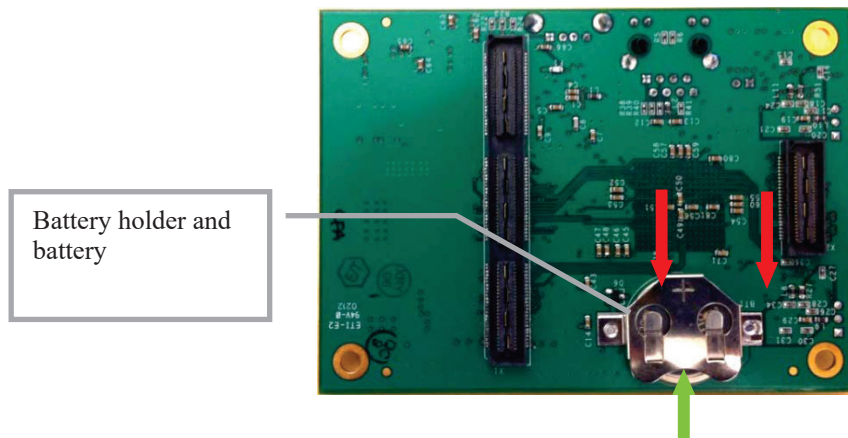


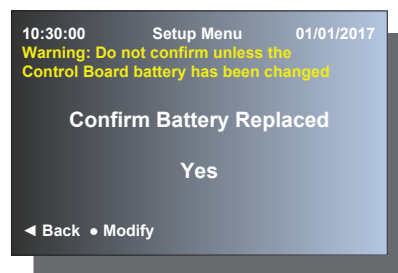
Fig. 8.2.4 Control Board (rear view)

Remove the battery from the holder using a small **insulated** screwdriver to push out the battery, direction indicated by the two red arrows on Figure 8.2.4 and insert the new battery in the direction of the single green arrow on Figure 8.2.4.

Mount the control board on the interface board again.

Switch on the unit via the input switch Q1 and close the door. The unit now passes through the initialization test and goes into standby mode.

Enter the setup menu and select menu item “Battery Replaced” to confirm new battery installation.



* Important Note!

If the blue LED on the Control Board (location can be found on the Fig. 8.2.3) flashes with approximate 2 flashes per second and the display reports “Communication Error”, the firmware on the Control Board has been erased. The Control Board must be sent to ITW GSE to be reloaded.



To ensure high reliability of the back-up battery, the only type of battery that can be used on the Control Board is the **Panasonic BR-2032**