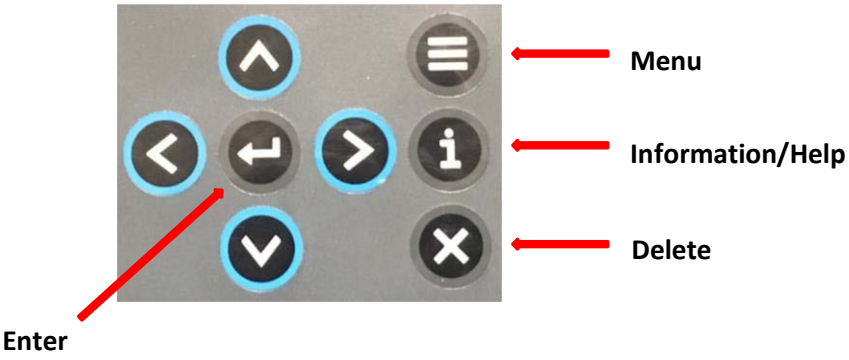
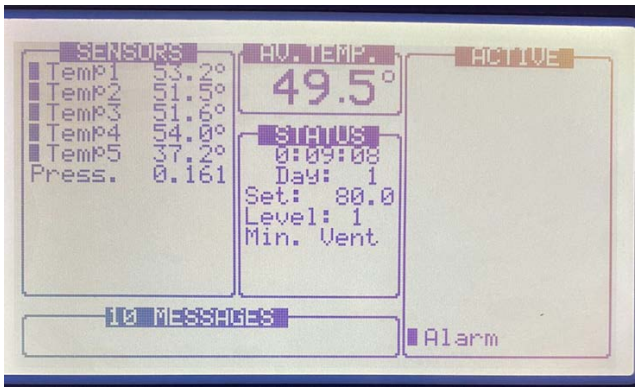
Software Upgrade Rotem Pro/Platinum Pro

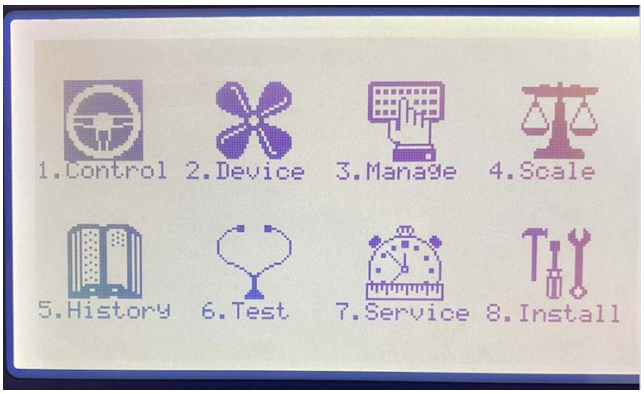
KEYPAD:



MAIN SCREEN:



ICON SCREEN:



EXAMPLE OF SOFTWARE VERSION SCREEN:

Note which mode you are running **(Broilers, Layers, Pigs, Breeders)**, and whether you are running **Standard** or **Precision**

Note: You can save/load settings as long as you are in the same software version. if not, **all settings will need to be written down or taken pictures of beforehand (Control, Device, Manage, Service – Water Calibration and Install/installation are the most important sections). Information/settings will be lost If you do not write them down or take a picture.**

Updating Firmware – Rotem Pro/Platinum Pro

***Please check your SD card size before loading new software. You must have a 2, 4 or 8 GB card.**

***For Platinum Plus users, please do not save setting to the data (yellow) plug.**

Only perform the following procedure when there are no birds in the house or you are on the phone with a Diversified Ag Dealer or Technician:

1. Check Scale Calibrations- **Please skip this step if you do not have a scale**
    a. Press **Menu** on keypad
    b. Select **Scale (#4)**, press **Enter**
    c. Select **Calibration (#9)**, press **Enter**
    d. Make sure to take a picture of the factor numbers for your silos and scales for reference
    e. Press **Menu** twice to take you back to **Icon Screen**
2. Start New Flock
    a. Select **Manage (#3)** on keypad, press **Enter**
    b. Select **Growth Day/Flock (#4)** on keypad, press **Enter**

c. Select **New Flock,** press **Enter**
d. Select **Day -2**, press **Enter**
e. **"Are you sure?"** Select **Yes**, press **Enter**
f. **"Clear Alarm History?**" Select **Yes**, press **Enter**
g. After pressing **Enter**, you will return to **Growth Day/Flock (#4)**
h. Press **Menu** once to take you back to **Icon Screen**

3. Save Settings to SD Card

   NOTE: Settings will need to be written down or taken pictures of if you are changing **versions**. If you are changing **revisions**, you will be able to save your settings. **Information/settings will be lost If you do not write them down or take a picture.**

   a. Insert SD Card (gold teeth facing you)
   b. Select **Service (#7),** press **Enter**
   c. Select **Save Settings (#11)**, press **Enter**
   d. Select **Yes**, press **Enter**
   e. Select the appropriate setting to save to **(1-8)**, press **Enter**
   f. Select **Yes**, press **Enter** (Black bar will appear across screen)
   g. You will return to **Save Settings Screen (#11),** press **Menu** to get back to **Icon Screen**

4. Cold Start

   NOTE: Once you perform a Cold Start you will lose all settings. Ensure all information is written down or you take pictures of beforehand. If you are using a Platinum Plus with an expansion box, DO NOT turn the power off to perform a cold start.

   a. Press and hold the **Delete** on the keypad
   b. While holding the **Delete** button, press and release the **red button** above the SD card slot **OR you can hold the delete button and turn the breaker on and off (Platinum Plus users with an expansion box MUST use the red button, DO NOT turn the breaker on and off or you will lose your expansion box)**
   c. Release **Delete** after screen says "**Cold Start**"
   d. Select **Yes**, press **Enter**
   e. Select whichever mode you are running **(Broilers, Layers, Pigs, Breeders)**, press **Enter**
   f. Select whichever mode you are running **(Standard or Precision)**, press **Enter**
   g. Controller will reboot, **DO NOT TOUCH ANYTHING**
   h. Once Controller is back to main menu, you are ready to update firmware

5. Update firmware
   a. Press and hold the **Left** and **Down** arrow keys at the same time
   b. While holding the **Left** and **Down** arrow keys, Press and release red button above the SD card slot **OR you can hold the Left and Down arrow keys and turn the breaker on and off**
   c. Release the **Left** and **Down** arrow keys after screen says **"Press Any Key"**, Press **Enter**

e. Password: **1948**
f. Press **Enter**
g. Select **Update Firmware**, press **Enter**
h. On the SD card, select Firmware 5/6/7.xx.xx hex file, press **Enter**
i. Firmware update will load, **DO NOT TOUCH ANYTHING**
j. When finished, **"New Software Found" "COLD START REQUIRED!!!"** will appear on screen, press **Enter**
k. **"Are you sure?"** Select **Yes**, press **Enter**
l. Select whichever mode you are running **(Broilers, Layers, Pigs, Breeders)**, press **Enter**
m. Select whichever mode you are running **(Standard or Precision)**, press **Enter**
n. Controller will reboot, **DO NOT TOUCH ANYTHING**
o. Press **Information/Help** to make sure new firmware has loaded properly

NOTE: If front screen is rebooting, please wait until the touch screen is back to the main screen before proceeding.

6. Start a new flock again
    a. Press **Menu** once to return to **Icon Menu**
    b. Select **Manage (#3)** on keypad, press **Enter**
    c. Select **Growth Day/Flock (#4)** on keypad, press **Enter**
    d. Select **New Flock,** press **Enter**
    e. Select **Day -2**, press **Enter**
    f. **"Are you sure?"** Select **Yes**, press **Enter**
    g. **"Clear Alarm History?**" Select **Yes**, press **Enter**
    h. After pressing **Enter**, you will return to **Growth Day/Flock (#4)**
    i. Press **Menu** once to take you back to **Icon Screen**

7. Load Settings from SD Card
    a. Press **Service (#7)**, press **Load Settings (#12)**, press **Enter**
    b. **"Are you sure?"** Select **Yes**, press **Enter**
    c. Load settings from where you saved them in **Step 3** above **(1-8)**, press **Enter**
    d. **"DO NOT REMOVE THE SD CARD"** Select **Yes**, press **Enter**
    e. **"Read all Data?"** Select **YES** for **Settings & Calibration**, OR select **NO** for **Settings Only**, Select Yes, press **Enter**
    f. Screen will say **"Loaded Settings Complete"**
        i Note: Sometimes screen may say **"Not All Settings Transferred Successfully"**. If this appears, be sure you go through your settings
    g. Screen will say **"System must reboot, please wait"**
    h. You will return to **Main Screen**

8. Check Scale Calibrations
    a. Press **Menu** on keypad
    b. Select **Scale (#4)**, press **Enter**
    c. Select **Calibration (#9)**, press **Enter**
    d. Make sure the factor numbers for your silos and scales match what you recorded during **Step 1**
    e. Press **Menu** three times to return to **Main Screen**