USER MANUAL

ORBIT SOFTWARE

LITUM® FORKLIFT SAFETY SOLUTION

System Requirements

Before beginning the setup process, please ensure that your computer meets the following system requirements:

- **Operating System: Windows 10**
- **USB Port: USB Type A**

Additionally, the following items should be installed:

- **.NET Framework 3.1**
- **CDM212364_Setup**
- **OrbitAppSetup.msi**

Installing Orbit Software

1. Scan the QR code located inside the Orbit Kit.
2. On the Litum Forklift Collision Safety page, scroll down to the Orbit Software section and click on **Software Setup**.
3. Download the folder to your computer and follow the on-screen prompts to install the required items.
4. Once the installation is complete, launch the Orbit software.

Technical Specifications

General	Scope	People
Physical	Dimensions	50.5 x 69.5 x 21 mm (2.00 x 2.75 x 0.85 in)
	Weight	40.2 g (1.40 oz)
	Interface Power	Mini USB

Physical	Casing	ABS
	Remote Firmware Upgrade	Yes
Features	Indicators	LED
	Frequency	BLE,6.4896GHz UWB
Other	Certification	Pending (FCC, IC, CE)

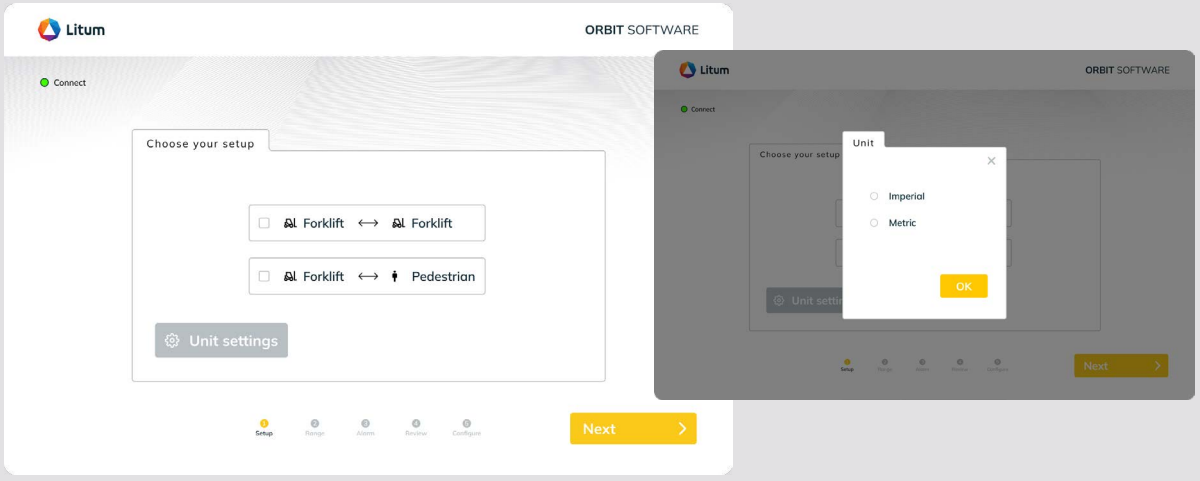
760 Collision Warning System belongs to FCC Part 15.517 indoor UWB systems.
“This equipment may only be operated indoors. Operation outdoors is in violation of 47 U.S.C. 301 and could subject the operator to serious legal penalties.”

SCAN FOR GUIDES

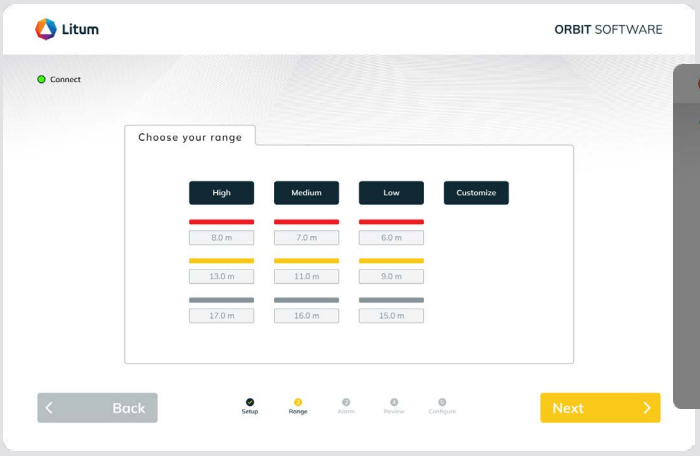
Using Orbit Software

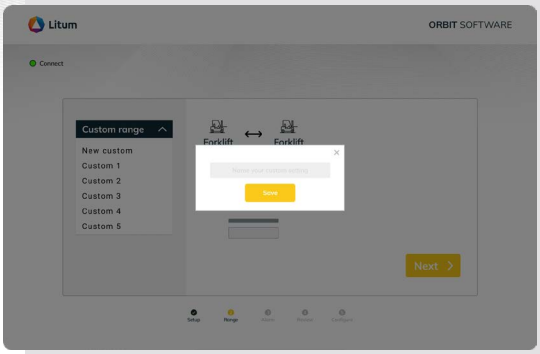
1. Click on **Start setup** to initiate the setup process.

2. Ensure that the connection status on the screen reads **Connect** before proceeding. If it displays **Disconnect**, insert the USB correctly to change it to **Connect**. If the connection changes during setup, take note that you can continue where you left off once the connection is restored.

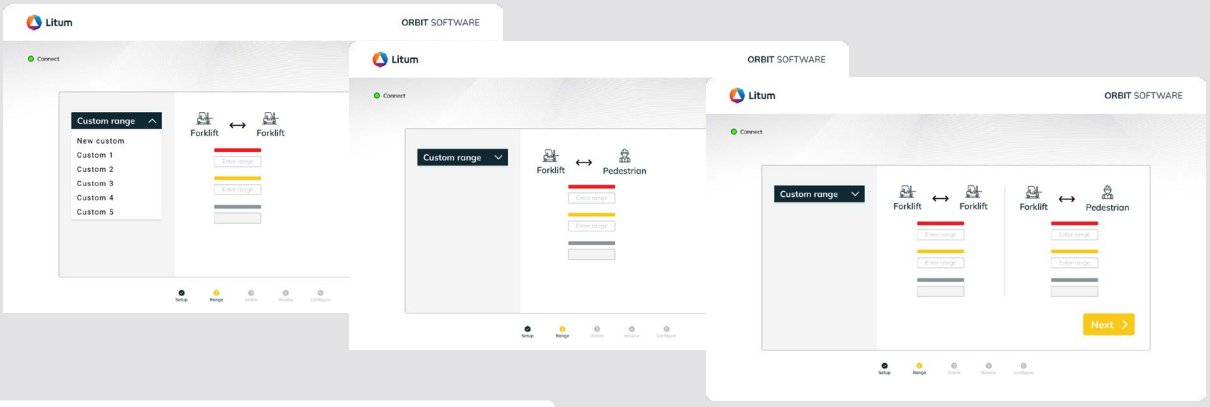


3. On the “Choose your setup” screen, choose forklift-to-forklift, forklift-to-pedestrian, or both. Click **Unit Settings** to select imperial or metric units and proceed by clicking **Next**.

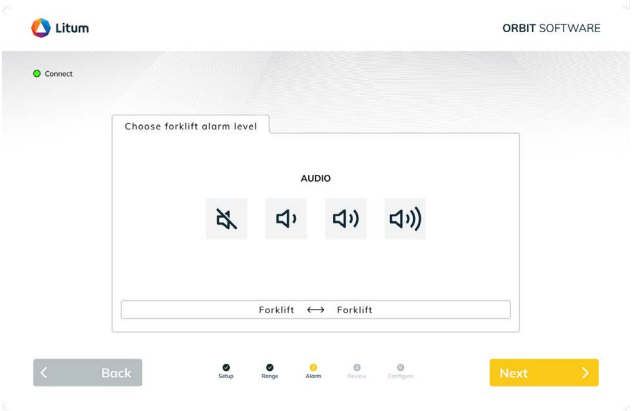




4. On the "**Choose your range**" screen, you will see the preset ranges for the danger, caution, and safe zone alerts. You can choose one of the default sets of ranges (**high, medium, or low)** or customize your parameters. To do so, click **Customize**, and you will be redirected to a new page where you can enter your desired parameters. This excludes the gray range, as it is calculated automatically based on the parameters you have set for the red and yellow ranges. To enter your desired parameters, you will first need to select **New Custom** from the dropdown menu and then fill in the boxes for the red and yellow areas. **If you chose only the forklift-to-forklift** or **forklift-to-pedestrian setup**, enter the desired alert ranges accordingly. **If you chose both**, set parameters for both instances. Once you have entered your parameters, click **New Custom** on the dropdown menu. Name your custom setting in the pop-up screen, click **Save** and then **Next** to proceed.

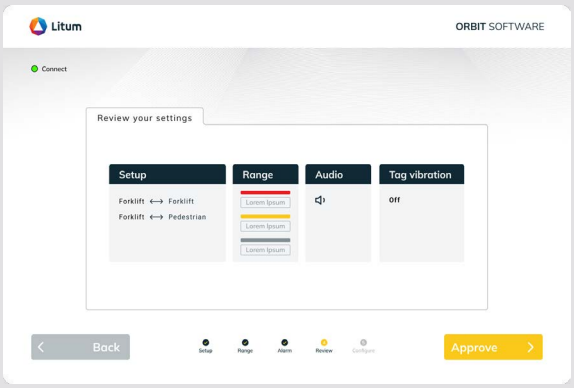


5. When you reach the "Choose forklift alarm level" screen, choose the desired audio level for your alarm. If your setup choice included forklift-to-pedestrian, also choose if you want to turn on tag vibration and click **Next** to proceed.



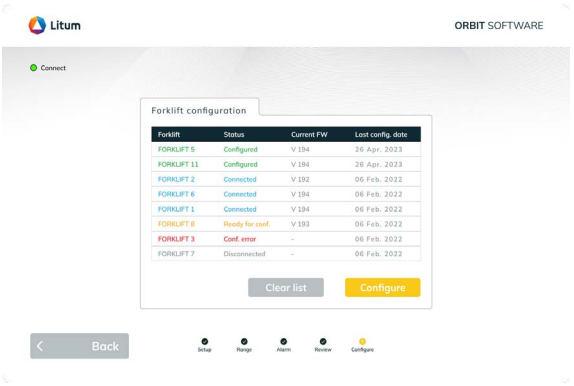
Volume Setting	**Sound pressure** (from 24" distance)
Low	72 ±5 dB(A)
Medium	81 ±5 dB(A)
High	92 ±5 dB(A)

6. Review the settings you have chosen from the “Review your settings” screen, and click **Approve**.

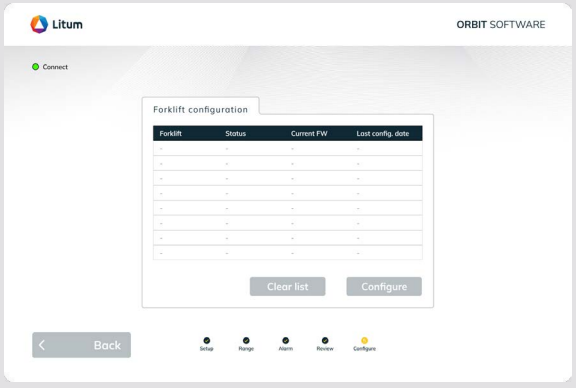


7. On the “Forklift Configuration” screen, you will see an overview of your forklifts and their current configurations. Different configuration statuses mean the following:

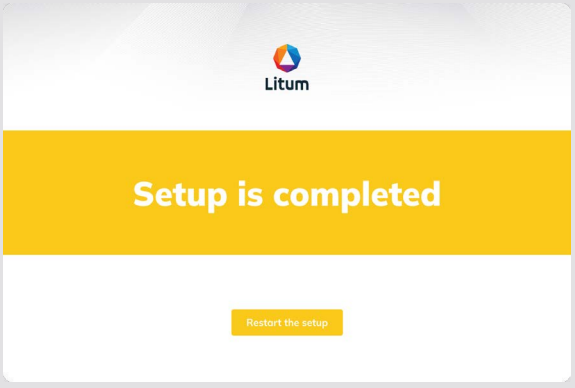
Configured: Forklifts successfully configured
Connected: Active forklifts
Ready for conf.: Forklifts ready to be configured
Conf. error: Forklifts that received an error while configuring (Upon a configuration error, the system will automatically retry to configure.)
Disconnected: Forklifts that are not actively working



If you want to clear the list, click **Clear list**.
To update your forklifts with the settings you have chosen, click **Configure** and wait for the the configuration to be completed. Once the countdown timer is done, you will see a pop-up screen that reads “Your settings are configured.” Click **Okay**. If the configuration is completed before the countdown is complete, you will be automatically redirected to the same pop-up screen. However, if the configuration is not completed by the time the countdown ends, you can click **Configuration** again.



8. After you have configured your forklifts and saw the pop-up screen, your setup is complete.



9. If you would like to restart the setup, click Restart the setup or if you would like to close down the program, click the **close button** on the top right.

Should you require assistance, please contact Hyster-Yale at **+1 (844) 984-1758**

FCC Warning

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.

-Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

IC Warning

This device complies with Industry Canada’s licence-exempt RSSs. Operation is subject to the following two conditions:
(1) This device may not cause interference; and
(2) This device must accept any interference, including interference that may cause undesired operation of the device.

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Cet appareil est conforme aux CNR exemptes de licence d'Industrie Canada . Son fonctionnement est soumis aux deux conditions suivantes :
(1) Ce dispositif ne peut causer d'interférences ; et
(2) Ce dispositif doit accepter toute interférence , y compris les interférences qui peuvent causer un mauvais fonctionnement de l'appareil.

L'appareil est conforme aux limites d'exposition aux radiations spécifiées par la IC pour les environnements non contrlés. La distance entre le radiateur et le corps doit être d'au moins 20 cm lors de l'installation et du fonctionnement de l'appareil.