

# User Manual

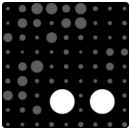




## Introduction

This is your manual that will guide you through the steps required for setting up your robotic feeding device, fEEd ME. You must thoroughly read through this manual and follow the steps as they are given in order for the device to function as intended.

## Icons and Their Meanings

Table 1 shows a list of icons that you will encounter at some point. Read through the icons to understand their meanings.






*Table 1: System Control Icons*

				
Calibrate Eye Tracking	Enable User Screen	Pause User Screen	Resume User Screen	Shutdown

## What's Included

Table 2 shows what's included with the system.

*Table 2: System Components*

				
Niryo One Robotic Arm	Spoon	Bowl (x3)	LattePanda and Touchscreen	Monitor

				
Tobii Eye Tracker	Monitor Power Cord	Niryo One Power Cord	LattePanda Power Cord	Mounting Template

## Safety

Your robotic device, fEEd ME, has a built in safety function such that if the system over-torques, or encounters too much rotational force, it will stop action immediately. However, in the case of an unanticipated movement or action that could be a safety concern to the user, press the button shown in Figure 1 to enable a force quit for the device.



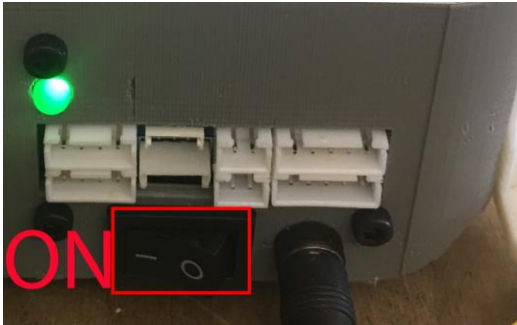

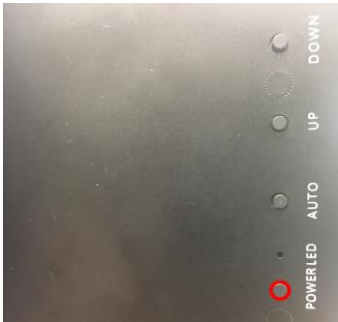

*Figure 1: Emergency Stop Button*

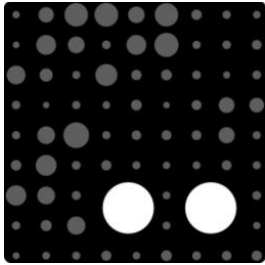


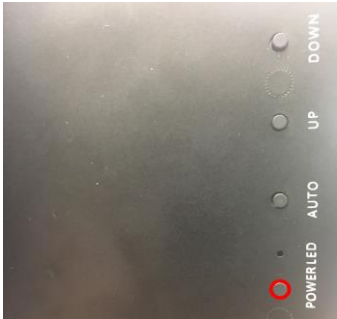
This will place the robot in “Learning Mode” which will stop the robot from functioning. Pressing the button again will return the robot to home position, at which time, use can continue, or the system can be shutdown.


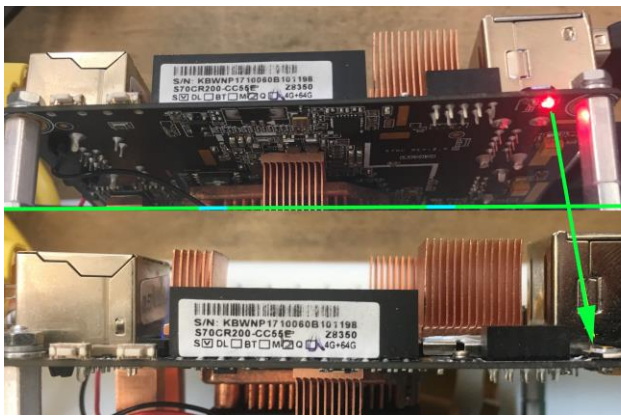

## Set Up and Use

To setup and use your feeding device, follow the steps in Table 2 in chronological order.

*Table 2. Set-up and Use Process*

1	Ensure bowls, food, and spoon are in place	
2		Turn on robot, wait for light to change from red to green on the robot
3		Turn on computer, wait for Tobii lights to come on
4		Turn on Monitor
5		Press top button on robot to perform the home sequence

6		Press calibrate icon on caretaker screen
7	Allow User to Complete Calibration	
8		Enable User Mode by Selecting icon on caretaker screen
9	User Selects desired bowl through use of eye tracking	
10	Repeat until finished	
11		Caretaker presses shutdown icon on caretaker screen
12		Turn off Monitor

13		Wait for Robot LED to Turn Red and Turn off Robot
14		Wait for LattePanda Red LED to turn off
15		Turn Off LattePanda Switch
16	Remove and clean all dirty bowls and the spoon.	