

HOW TO GET THE MOST OUT OF YOUR IR TRACKER

THE LIGHTHOUSE

Do not move the Lighthouse when it is powered on

While powered on, small components are rotating inside the Lighthouse. If moved while rotating, these components might not perform as intended and can be damaged.

Fixate the Lighthouse separate from moving parts

It is recommended to fixate the Lighthouse to a sturdy base. Vibrations from the surroundings will affect the tracking.



OPTIMUM TRACKING WITH THE IR TRACKER

Make sure the tracker is powered on

To turn the tracker on, press and hold the power button for the green light to appear.



Be aware of light and reflective surfaces

The IR Tracker uses light for tracking. Therefore, other light sources and reflective surfaces can affect the tracking. For optimum tracking, avoid reflective surfaces near the Lighthouse or the Tracker.



Avoid blocking the view between the Lighthouse and the Tracker

As the IR Tracker uses light between the Lighthouse and the Tracker to see where the Tracker is, it is important to not to block the view between the Lighthouse and the Tracker.

Having objects in between or a person walking by, can block the view and thus the Tracker will not be able to determine its position.



Avoid blocking the view with the hand

Sometimes you will need to remove the Tracker from the Joystick when aligning the Tracker with the Robot. Be aware that you do not block the Tracker completely from the Lighthouse.



Consider the field of view of the Lighthouse

Horizontal field of view = 150°

Vertical field of view = 110°

Distance to Tracker = 0.5 - 7 meters

