

# Destination Setting (Navigation) Operation Manual

---

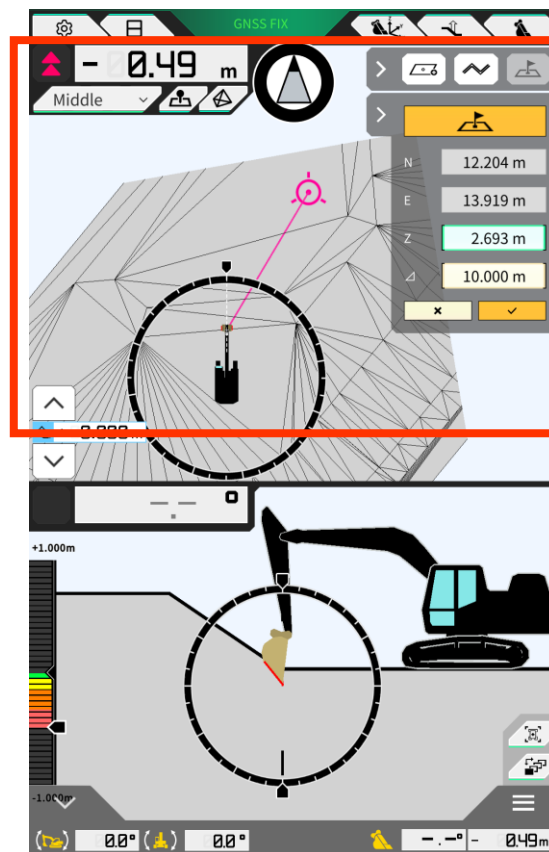


# Introduction

This function navigates to a set destination (a control point, station point, or any position).

From the side panel of the guidance screen, go to the "Destination Setting screen" and set a destination.

The distance (N/E/Z) from the bucket edge to the destination is shown in real time, and the display color changes as you approach the destination.



## [Note]

- SMART CONSTRUCTION Pilot app v1.0.14 or later.
- To use this function, turn ON the "Navigation Mode" in the application settings (default: OFF).

# 01

## Chapter

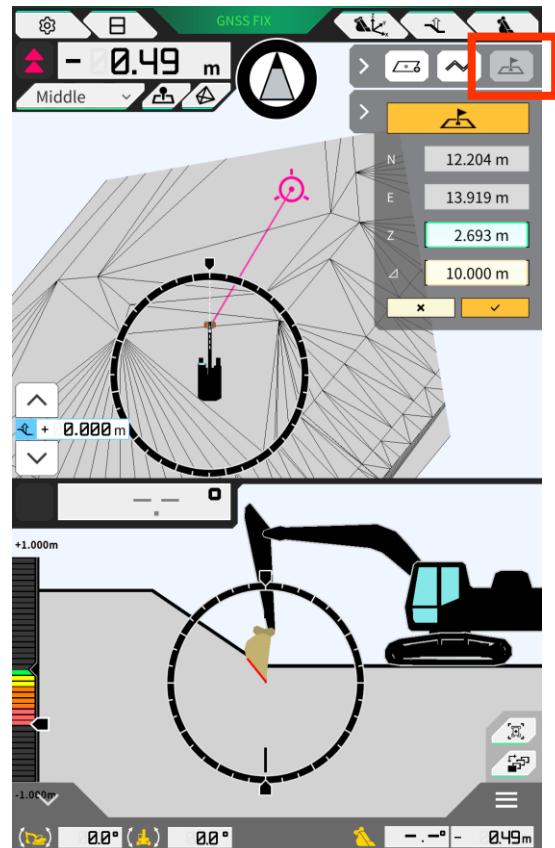
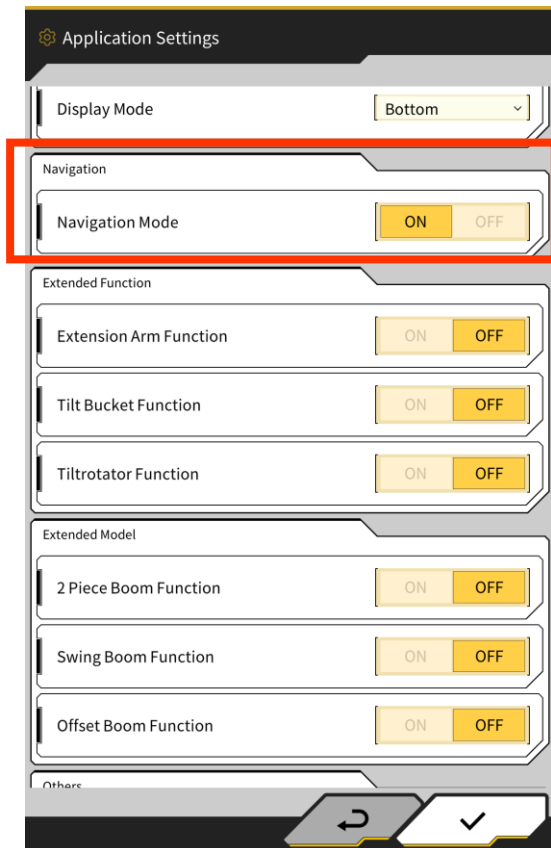
---

### How to Use the Destination Setting Function

---

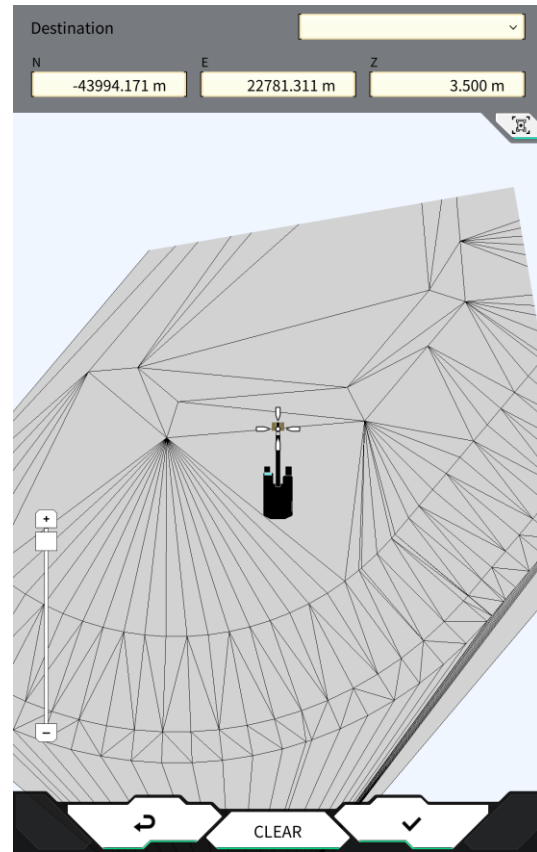
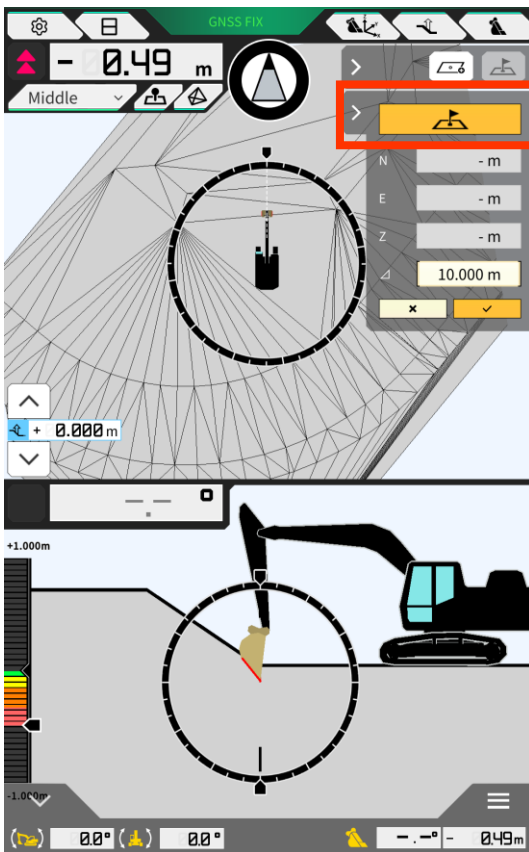
# 1.1 Enabling the Navigation Function

1. Open Menu > Guidance Settings > Application Settings.
2. Under "Navigation", turn "Navigation Mode" ON (default: OFF).
3. Tap "✓" to save the setting. The side panel for destination setting (navigation) appears on the guidance screen.



# 1.2 Moving to the Destination Setting Screen

1. If the side panel is hidden, tap "<" on the right side of the guidance screen to show it.
2. On the side panel, tap  .
3. On the side panel, tap  to move to the destination setting screen.

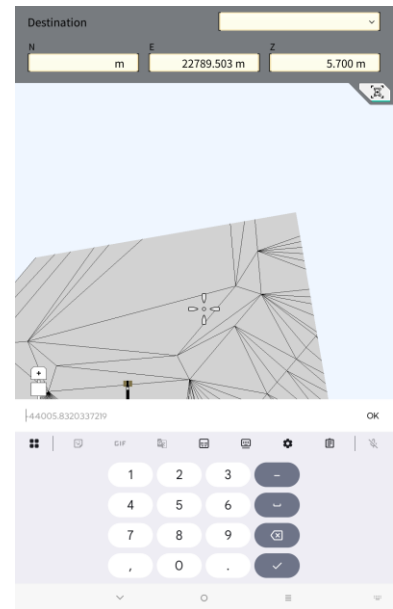
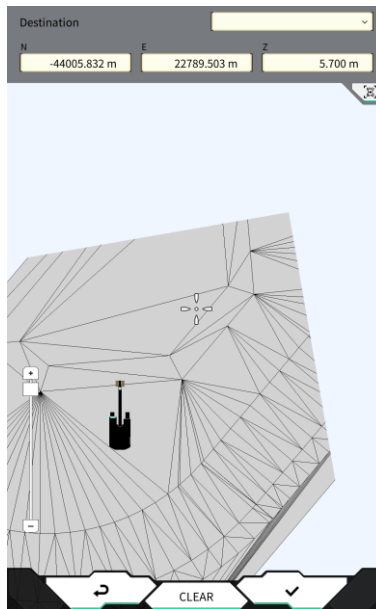
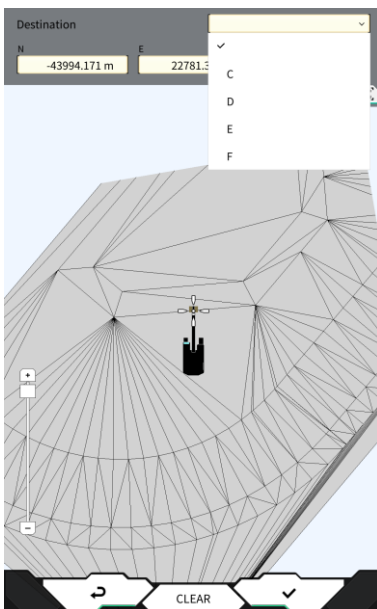


# 1.3 How to Set a Destination

A destination can be set in the following three ways.

- Method 1 (Cursor selection): Tap any position on the map to move the cursor there, and its coordinates are entered in N and E. If the point is on the design surface, the design surface height at that point is set as Z; if it is off the design surface, Z is set to 0.
- Method 2 (Dropdown selection): Select a control point / station point from "Destination", and its coordinates are reflected in N, E, and Z, and the cursor moves there.
- Method 3 (Direct coordinate entry): Enter the coordinate values directly into N, E, and Z.

Finally, tap "✓" to confirm the destination and return to the guidance screen.

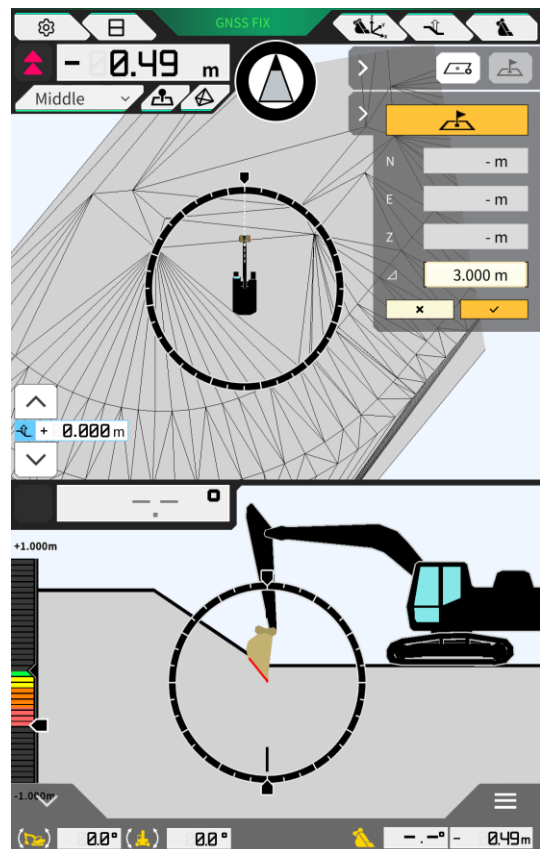
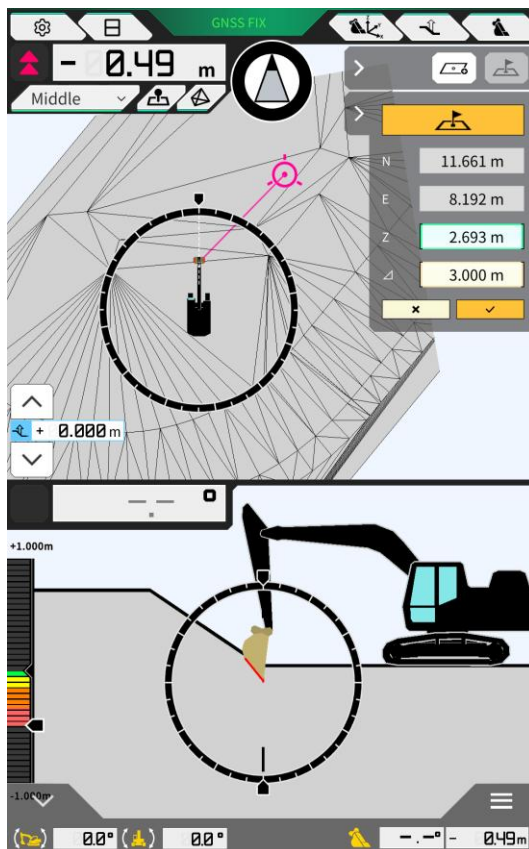


# 1.4 Starting Navigation and Distance Display

When the destination is confirmed, a line connecting the machine and the destination, a destination icon, and an aiming icon indicating the direction are displayed.

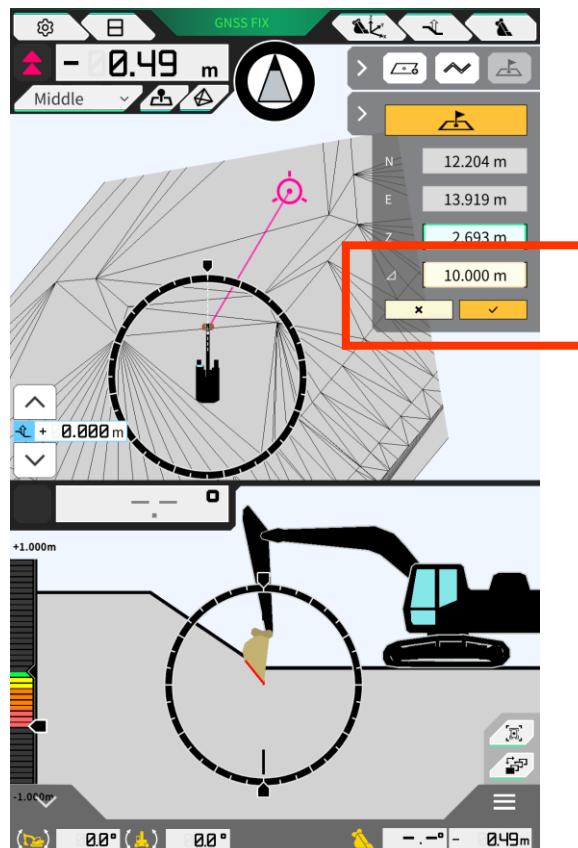
The side panel shows the distance from the bucket edge to the destination as N, E, and Z.

- The distance is shown relative to the bucket edge position (for the shortest distance, the bucket center is the reference).
- When the distance is greater than the threshold ( $\Delta$ ), the field is shown in gray; when it is at or below the threshold, it is shown in green.
- When no destination is set, or when the position or orientation is not yet fixed, the distance is shown as "-".



# 1.5 Setting the Threshold ( $\Delta$ ) and Ending Navigation

1. In the " $\Delta$ " field of the side panel, enter the distance used to judge that the destination has been approached (0 or greater, default 10.0 m).
2. Tapping " $\checkmark$ " applies and saves the change, and the same value is carried over the next time you use the function (the side panel does not close).
3. Tapping " $\times$ " ends navigation. The distance display, line, destination icon, and aiming icon are hidden, and the side panel closes.



# Contact Information

---



## **Inquiries about products and defects:**

EARTH BRAIN Co., Ltd.

Support site inquiries :

[Europe](#)

[US](#)

[Australia](#)

[Asia](#)