

BaseAGV

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Assembly

Once the robot is taken out of Packaging , place it on a flat surface floor. Depending on your robot type you will have to install the battery type.

For robot supporting SLA batteries , please install 3 12V 7 AH batteries using the connectors provided and . Once the batteries are connected please Switch on the Robot. with the on button behind the robot (MCB Connector).

Setup

For the first time the robot needs instructions on how to move around and how the RFID tags are to be interpreted.

Please lay down the track to connect the locations which need to be connected together. Avoid sharp turns and have enough space around the track so that robot can pass.

Place the first RFID tag on the location the robot needs to take any actions

Programming

Press the start button on the robot for it to move towards the Tag , make sure the robot line sensor is on the track. The robot will start moving waiting for a new tag.

The Robot will stop once it reaches a unknown Tag , Using the touchpanel select instruction for the tag. Then press the Start button again and the robot will continue to move to next tag.

If your track is not a round track then please place RFID Tags on the end of the tracks to tell the robot to turn around.

Charging Setup

To setup Charging place the charging port somewhere along the track preferably next to a stop, This is not activated till the robot does not come over it (It waits for a rfid to activate) .

Call to a station

All RFiDS can be used as a station and a robot can be called to one using Either the phone app or the the Wifi calling hardware provided.