

# Base Station User Manual



# Toolmind® Base Station User Manual

## Power On

Connect the 4 pin connectors on the back of the base station to either the press or power supply. The base station will automatically power on to the home screen.

## Enable Admin Mode

Enable Admin Mode by holding the Access Fob to the bottom left side of the base station. The words “Admin Enable” will appear on screen.

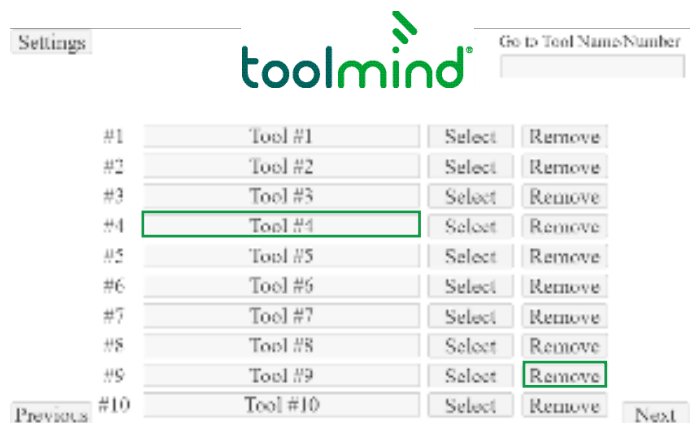
*Note: If base station is left idle, Admin Mode will be disabled after 10 minutes and must be enabled again.*

The following actions can only be completed with Admin Mode enabled:

- Adding, deleting, or selecting a tool
- Linking a sensor
- Configuring a fault or warning condition
- Changing units

## Adding and Deleting a Tool

1. Press the “Add” button next to the desired tool number.
2. Press the box that says ”Tool” and the number picked. This will allow you to rename the tool to the desired name.
3. To delete the tool and its data, press the ”Remove” button.



## Selecting a Tool

1. Use the "Previous" and "Next" buttons to find the desired tool.
2. Use the "Select" button to select the desired tool.
3. Alternatively, the tool can be searched for using the tool number or tool name in the search box.

The screenshot shows the 'Settings' page of the Toolmind interface. At the top, there is a search box labeled 'Go to Tool Name-Number' with the number '3' entered. Below the search box is a table with 10 rows, each representing a tool. The columns are '#', 'Tool #', 'Select', and 'Remove'. The 'Select' button for 'Tool #4' is highlighted with a green box and a '2' next to it. At the bottom left, there is a 'Previous' button with a '1' above it, and at the bottom right, there is a 'Next' button with a '1' above it.

#	Tool #	Select	Remove
#1	Tool #1	Select	Remove
#2	Tool #2	Select	Remove
#3	Tool #3	Select	Remove
#4	Tool #4	Select	Remove
#5	Tool #5	Select	Remove
#6	Tool #6	Select	Remove
#7	Tool #7	Select	Remove
#8	Tool #8	Select	Remove
#9	Tool #9	Select	Remove
#10	Tool #10	Select	Remove

## Linking a Sensor

1. Select the desired sensor spot (1-12) on the Tool Dashboard.
2. Select the "Press to Link" button.
3. Hold a magnet to the end of the desired sensor.
4. Once the linking process is completed the sensor can be named, and the fault/warning conditions can be configured.

The screenshot shows the 'Select Tool' page of the Toolmind interface. At the top, there is a search box labeled 'Go to Tool Name-Number' with the number '3' entered. Below the search box is a grid of 12 'Press to Link' buttons arranged in two rows of six. The top-left button is highlighted with a green box and a '1' above it. Below the grid is a 'Back' button. At the bottom, there is a 'toolmind' logo with the number '4' below it. Below the logo, there is a text input field labeled 'Alias Name' with 'Sensor 1' entered. Below the input field, there is a 'Press to Link' button with a '2' above it, and a 'Linked MAC' label.

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## Configuring a Fault or Warning Condition

1. The Fault and Warning conditions can be set at the end of the sensor linking process or by selecting the desired sensor from the Tool screen.
2. Press the checkbox next to the desired condition for a fault or warning trigger.
3. After the box has been checked, select either the fault or warning check box.
4. To set limits, select the numerical box and type the desired limit.
5. Once the desired conditions are configured, press the back button to return to the Tool Dashboard.
  - a. Note: Only 1 fault or warning condition per sensor spot.
  - b. Multiple spots can be created for the same sensor.



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Alias Name

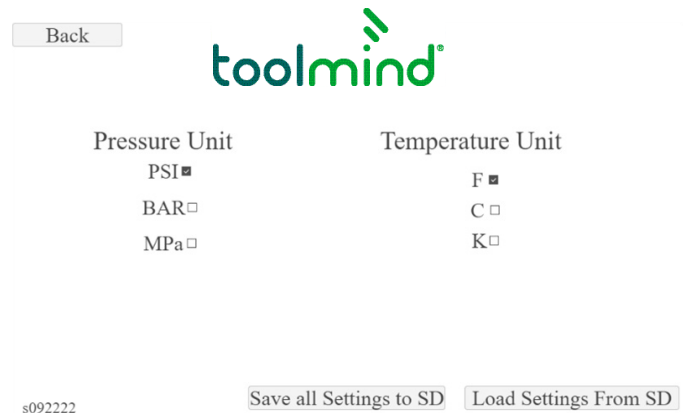
Press to Link | Linked MAC

Low Pressure Limit <input type="text" value="9999"/> PSI	Fault <input type="checkbox"/> Warning <input type="checkbox"/>
High Pressure Limit <input type="text" value="9999"/> PSI	Fault <input type="checkbox"/> Warning <input type="checkbox"/>
High Temperature Limit <input type="text" value="9999"/> °C	Fault <input type="checkbox"/> Warning <input type="checkbox"/>
Last Connection Time <input type="text" value="9999"/> min	Fault <input type="checkbox"/> Warning <input type="checkbox"/>
Low Battery <input type="checkbox"/>	Fault <input type="checkbox"/> Warning <input type="checkbox"/>


Fault = trips relay output & flashes red on screen, Warning = flashing orange on screen only

## Switching Units

1. Press the “Settings” button on the tool list page.
2. In the Settings menu select the check box next to the desired unit to be used.



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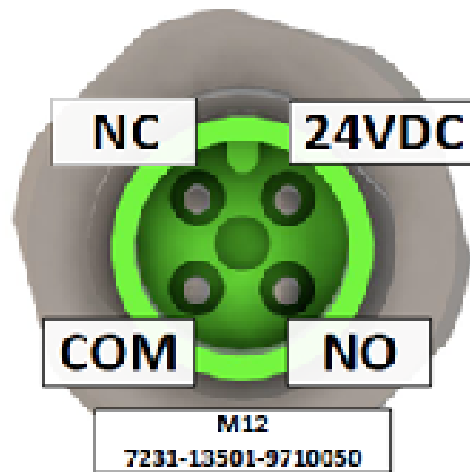


Pressure Unit	Temperature Unit
PSI <input checked="" type="checkbox"/>	F <input checked="" type="checkbox"/>
BAR <input type="checkbox"/>	C <input type="checkbox"/>
MPa <input type="checkbox"/>	K <input type="checkbox"/>

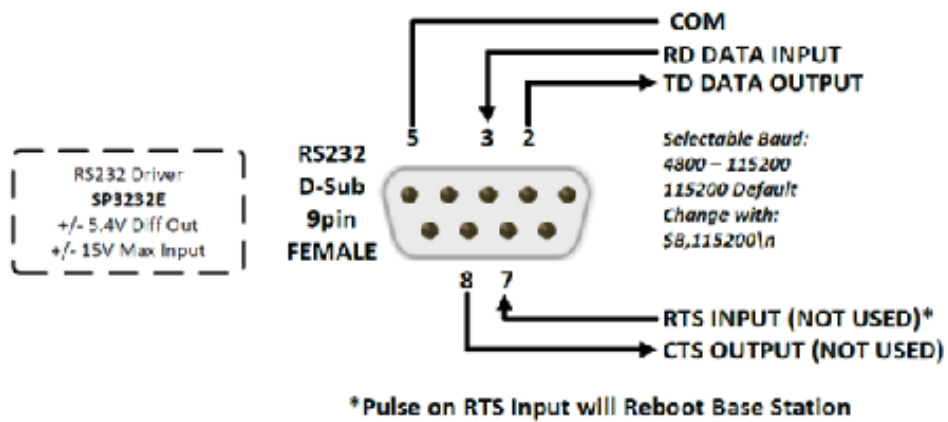
s092222

Save all Settings to SD | Load Settings From SD

## Pin Outputs



## RS-232



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