# Command:HOME (!)

MS2000 or RM2000 syntax

| | |
|---|---|
| **Shortcut** | ! (the exclamation point character) |
| **Format** | HOME axis [axis] [axis] … |

Tiger syntax

| | |
|---|---|
| **Shortcut** | ! (the exclamation point character) |
| **Format** | HOME axis [axis] [axis] … |
| **Type** | Axis-Specific |

Executes a halt and then moves specified axis motors toward their HOME position. The default location for the HOME position (1000 mm) is far past the positive limit of the stage travel. If a hardware or firmware limit switch is encountered, the motor will stop.

If there are no errors, an :A is returned.

> ⚠️ **Warning!** This is not the same thing as pressing the physical **HOME** button on the controller, which moves all axes to the zero position. You can use the **MOVE** command to move each axis to zero, e.g. **MOVE X Y**.

**Example**

```
!  X  Y  Z
:A
```

The X, Y and Z axis motors will start moving towards the HOME position. A HALT command can stop the motors.

**Note:** The stage will be positioned at the limit switches or at the previously defined HOME position at the completion of this command. See the SETHOME command for how to change the HOME position.

commands, tiger, ms2000

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Last update: **2025/03/19 18:44**