



Panasonic Learning AccuPulse 4.0 to the Controller User Guide

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Panasonic Learning AccuPulse 4.0 to the Controller



Product Information

AccuPulse 4.0

The AccuPulse 4.0 is a wireless assembly tool that can be paired with a controller to learn new tools and add or replace parameters to existing tools. The tool is designed and manufactured by Panasonic Life Solutions Company of America Assembly Tools Division. The tool is suitable for use in various assembly applications.

Product Usage Instructions

Initial Learning Tools to the Controller

1. Adjust the torque offset first with the Panasonic Tool Manager Software.
2. Put the tool in wireless mode and write to tool A. Unplug the tool. It will display E9 because it's not learned yet to the controller.
3. Select the Tool slot you want to learn the tool to.
4. Select Learn and follow the onscreen instructions.
5. Choose a wireless mode for pairing to the controller.

Replacing or Adding Parameters to Existing Tools

1. Plug the tool back into Panasonic Tool Manager Software.
2. Perform one of the following:

- Adjust the Torque Offset and save the parameter.
 - Select a saved parameter and write to the tool.
3. After adjusting the torque offset, copy the preset, and name the preset.
 4. Select Read and then Done. The screen will go back to the tool page.
 5. Select Save and exit.

Adding Parameters to the Controller with a Thumb Drive

1. Select the parameter.
2. Insert the thumb drive into the controller.
3. Click on the USB icon on the controller.
4. Follow the onscreen instructions to add the parameter.

For more information and support, visit <https://na.panasonic.com/us/support/assembly-tools-downloads>.

Initial Learning Tools to the Controller

Initial learning is learning new tools not yet learned to the controller

The screenshot shows the Panasonic Tool Manager Software interface. At the top, there are buttons for 'Write to Tool', 'Save Preset', 'Copy Preset', and 'Con'. Below these is a 'Model Number' dropdown menu set to 'EYFMH1RP'. The 'Mode Setting' section has a question mark icon and two radio buttons: 'Wireless Communication Mode' (which is selected and circled in red) and 'Stand Alone Mode'. Below this, the 'Torque' section shows 'Shut-off Torque' set to '20.0 Nm' and 'Upper Limit' checked with a value of '999.9 Nm'. The 'Lower Limit' is also checked. A text box at the bottom says 'Choose Wireless mode for pairing to the controller'.

No Tool 1 0000	No Tool 0000	No Tool 0000	No Tool 0000
No Tool 0000	No Tool 0000	No Tool 0000	No Tool 0000
No Tool 0000	No Tool 0000	No Tool 0000	No Tool 0000
No Tool 0000	No Tool 0000	No Tool 0000	No Tool 0000
Learn	Learn open	Exit	

1. Do the "Adjust Torque Offset" first with the Panasonic Tool Manager Software
2. After you finish "Adjust Torque Offset" Put the tool in "Wireless mode". Then "write to the tool"
 - Unplug the tool. It will display E9 because its not learned yet to the controller
3. Choose the Tool slot you want to learn the tool to

4. Select Learn and follow the onscreen instructions

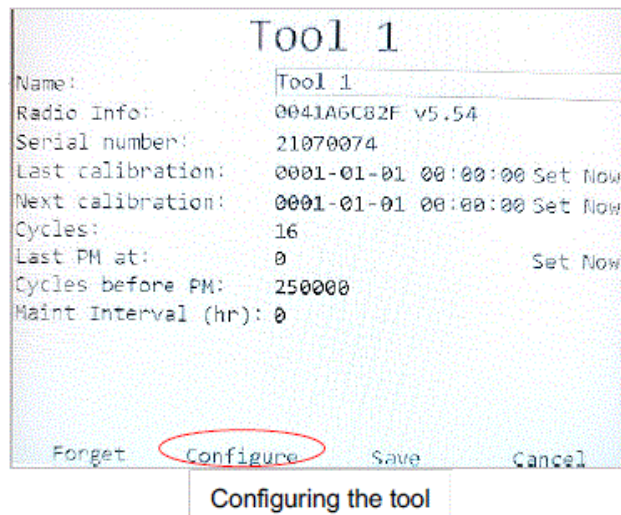
- This will learn the current parameter in the tool to the controller

Replacing or adding parameters to existing tools on next slide

Editing or Adding Parameters

Editing or Adding Parameters to the Controller with the tool

If you want to replace or add additional parameters 17-100 to existing learned tools



1. Go to the tools page, and select edit, then select “configure”

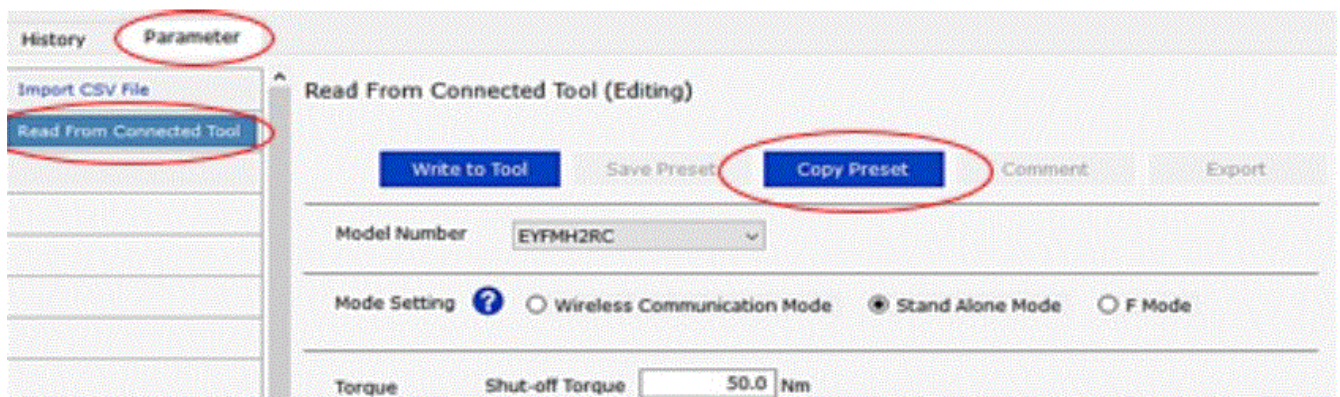
- This will disable the tool
- If you do not disable the tool and reconnect after editing, the current Controller parameter will replace what is in the tool

2. Plug the tool back in to Panasonic Tool Manager Software

3. Perform one of the following

- “Adjust Torque Offset” and save the parameter
- Select a saved parameter and write to the tool

4. Saving Parameters

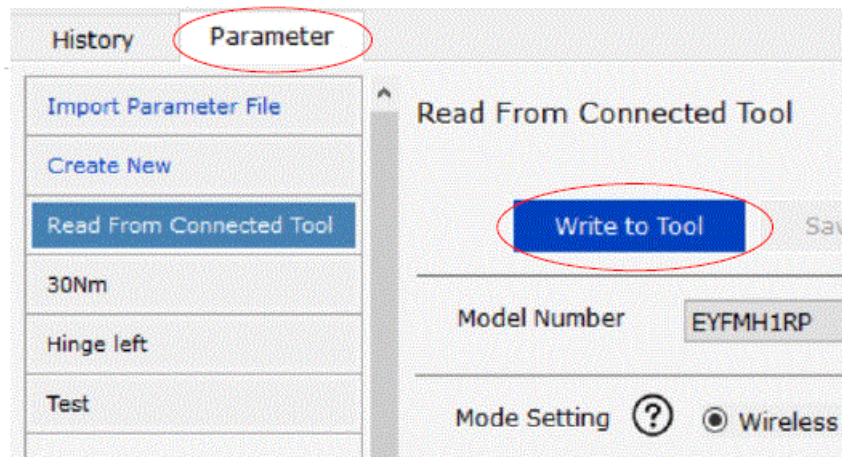


Coping Parameters

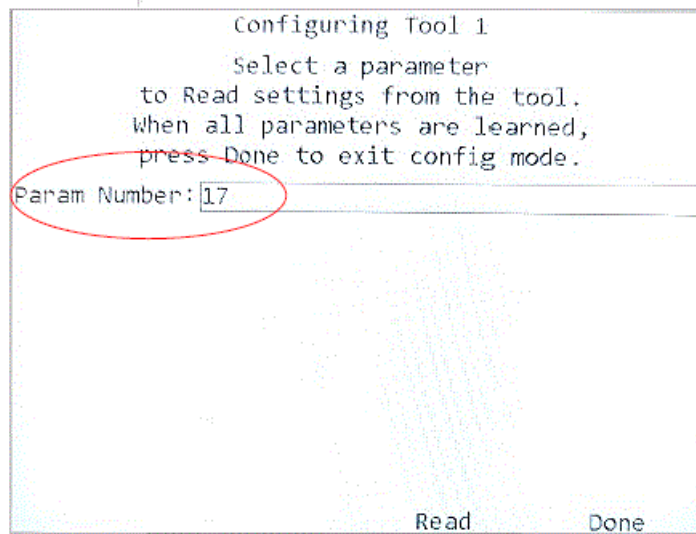
- After you “Adjust Torque Offset” for the unique assembly application.

1. Copy Preset. A pop window will appear to Name the Preset.

After you save parameters, you will see under the “Parameter Tab” a list of parameters saved



Writing parameters to the tool



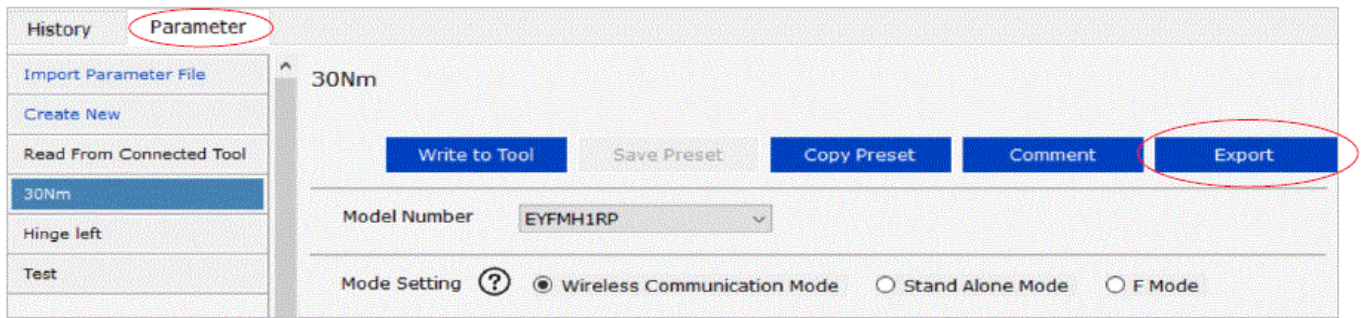
Selecting the parameter

1. Select a saved parameter and “Write” it to the tool
 - Make sure the “Wireless mode” is selected.
 - If not, select it and write to the tool again
2. Unplug the tool and select the parameter on the controller screen that you want that parameter saved to
 - 17 – 100 for additional parameters
 - 1 – 16 if you want to write over the existing tool parameter
 - Only the tool that is being configured
3. Select “Read” and then “Done”
4. The screen will go back to the tool page
 1. Select Save and exit

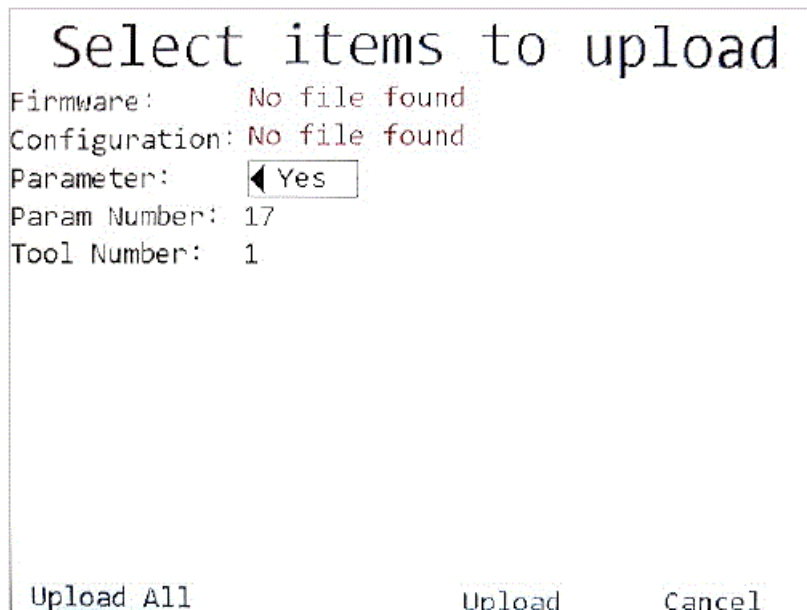
Parameters 17 – 100 will need to be edited and assigned the tool you want associated with.

Adding Parameters to the Controller with a thumb drive see next slide.

Adding Parameters to the Controller with a thumb drive



1. Select a parameter from the list. Make sure the parameter is set to "Wireless mode"
2. Select the export tab. This will save the parameter to file location you choose as a .csv file and name it
3. Copy the .csv file to a thumb drive. It can only have that file and nothing else on the drive. Only one file at a time
4. Put the thumb drive in the USB on the side of the controller



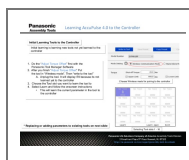
5. Choose "upload USB file to device" on the popup screen
6. Select "Yes" on Parameter
7. Assign that parameter
8. Assign the tool
9. Select upload

Panasonic Life Solutions Company

Panasonic Life Solutions Company of America Assembly Tools Division

- 2 Riverfront Plaza 5th Floor Newark, NJ 07102
- <https://na.panasonic.com/us/support/assembly-tools-downloads>

Documents / Resources



[Panasonic Learning AccuPulse 4.0 to the Controller](#) [pdf] User Guide
Learning AccuPulse 4.0 to the Controller, Learning AccuPulse, 4.0 to the Controller, Controller

References

- [P Assembly Tools Support Downloads | Panasonic](#)

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