# Instrument Driver Installation

Normally, only the first two steps are required. However, there have been cases where the palettes become disassociated with the driver. The additional steps will enable the user to re-associate the palettes. Please note that this should only need to be done once.

1) Copy LB PowerMeter driver to instr.lib
2) Start LabVIEW. If the palettes appear as expected, the installation is complete.
3) Open a new VI
4) Go to Tools → Advanced → Edit Palette Set
5) On Functions, click on "Instrument IO" and then "Instr Drivers"
6) Right Click on the LB Driver icon and uncheck "Synchronize with Directory" (This is because it is using the wrong directory)
7) Right Click on the LB Driver icon and check "Synchronize with Directory". Select <LabVIEW>\instr.lib\LB Power Meter\Public
8) Right Click on the LB Driver icon and uncheck "Synchronize with Directory" again
9) Left Click on the LB Driver icon. This will bring up the LB Palette set.
10) Delete icons and rearrange to make the palette appear as shown below:

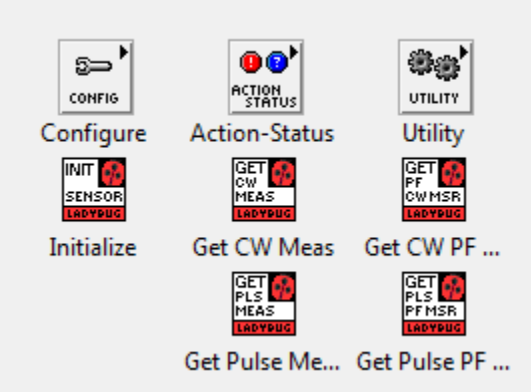


**Figure 1: Instrument Driver Main Palette**

11) Repeat with the subpalettes as shown below:

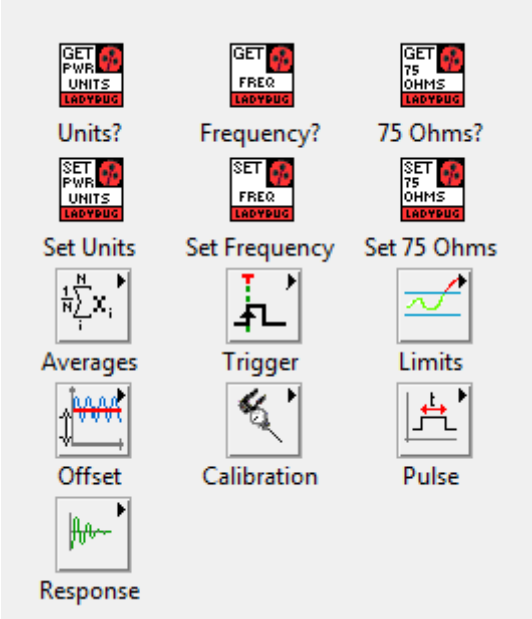


**Figure 2: Configure Palette**

**Figure 3: Averages palette (subpalette of Configure Palette)**

**Figure 4: Trigger palette (subpalette of Configure Palette)**

**Figure 5: Limet palette (subpalette of Configure Palette)**

**Figure 6: Offset Palette (subpalette of Configure Palette)**

**Figure 7: Calibration Palette (subpalette of Configure Palette)**

**Figure 8: Pulse Palette (subpalette of Configure Palette)**

**Figure 9: Response Palette (subpalette of Configure Palette)**

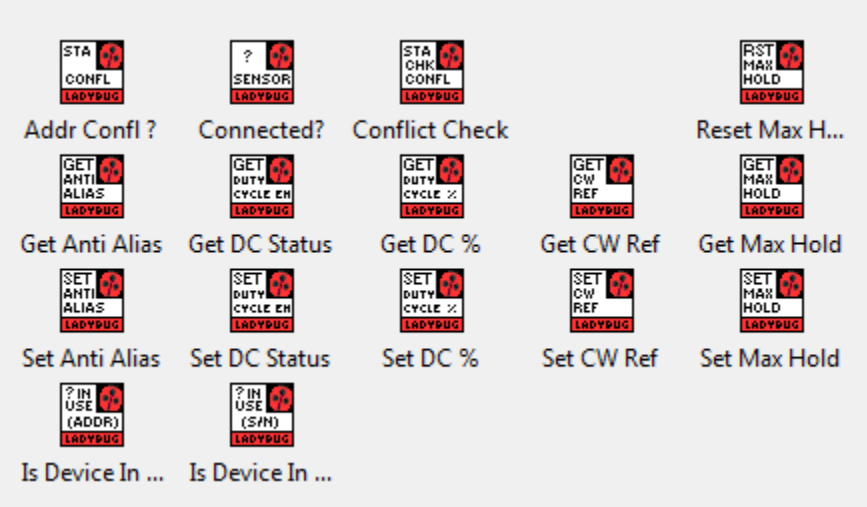


**Figure 10: Action-Status Palette**

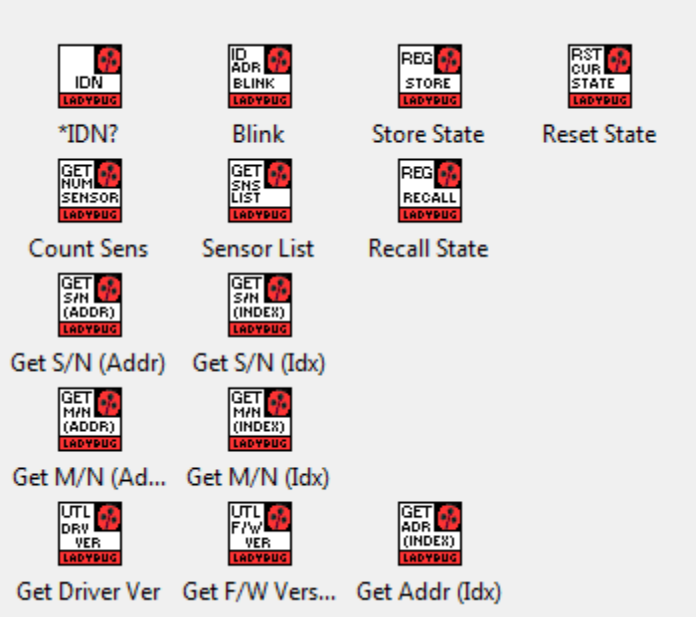


**Figure 11: Utilities Palette**

12) On the “Edit Controls and Functions Palette Set”, click on “Save Changes”

13) Exit LabVIEW and restart.

14) Confirm that the palettes are correct.

# Crossbit Executable

When building an executable with the crossbit versions of the driver, the following additional steps are required. Note that these can be done through building an installer if desired.

1) Create an executable in the normal manner.
2) In the instrument driver, there is a folder called “CopyToData”. In the executable folder, there is a “data” folder. Copy the contents of the “CopyToData” folder to the “data” folder.