

## Zing Orbit: Checking the Manufacture Date

By Sandy McCauley

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1. This must be done on a PC as the app is .exe.
2. Connect the ZO to your computer via USB. Turn on the ZO.
3. Download and install the Check Version zip file from this link:  
<https://www.iloveknk.com/Support/Software/ZO-Check-Version>
4. KEEP this original zip file as you are carrying out the rest of the steps because some anti-virus programs will see the Check Version program as a threat and delete the .exe file. This program only reads and reports information. No need to be leery of this program. But you may need to extract several times and rerun before you're able to get the info you need. (This was my experience.)
5. Extract the zip, open the folder, and launch the Check-Version.exe file. Immediately click on the large lower right button marked GSYSINF. This will then fill in the form on the left side:

The screenshot shows the 'Zing-Orbit Write PID 20161118' application window. At the top, it has radio buttons for 'COM' (selected) and 'TCP/IP', with a default IP of 192.168.16.254 and port 9100. Below this are input fields for 'COM:' (set to COM3), 'TCP/IP:' (192.168.1.200), and 'PORT:' (9100), along with 'Test Connect' and 'OFF now' buttons. The main area contains several fields for device information: SVER: 20180309, BSVER: 20160422, HVER: 20160502, MODE: Zing\_Orbit, PGHEAD: PGZINGA, MDATE: 20161209, MID: AEAFA8C1C8E5DC747 and 7219-1F21-763F-0C1A, NUM RANGE (empty), NUM: 00179, PID: 7219-1F21-763F-0C1A, and PID=OK. A large 'GSYSINF' button is highlighted with a red box and an arrow pointing to it from the text '1. Click here'. Another arrow points from the text '2. Manufacture Date' to the 'MDATE' field.

6. The Manufacture Date is the number in the **MDATE** field. It indicates Year, Month, and Day of manufacturing. Thus, my manufacturing year was 2016, on December 9. That means I have the original Zing Orbit and I need to use the older firmware. Use the following to know which firmware link has the correct update for your Zing Orbit:

If the MDATE is before October 2017 (like mine in the prior screenshot) use this update:

<http://www.iloveknk.com/Support/Software/ZO-Firmware-Update/>

If the MDATE is after October 2017, use this update:

<http://www.iloveknk.com/Support/Software/ZO-Firmware-for-NewZOs/>

7. Use the instructions in *Section 1.14* to update the firmware, if needed.
8. After updating the firmware, be sure to redo the Sizing/Resolution Calibration presented in *Section 2.08* and then the PNC Calibration presented in *Section 11.03*.