

Installation Instructions for Cognitive Advantage LX Blaster printer

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How do I install the Cognitive Advantage LX Blaster Printer?

Setup

1. Remove any Cognitive printers already installed
2. Add a folder called *Cognitive Drivers* to *c:\program files (x86)*.
3. Download the Blaster printer drivers from <https://www.cognitivetpg.com/support/downloads>. Extract all the Blaster printer drivers in to the *Cognitive Drivers* folder
4. Plug in parallel cable from blaster to usb on device. This should show up as a Controller under Unspecified Devices in Devices and Printers. Right click on the Controller and view the Properties/Hardware tab. The virtual printer port will be listed next to Location.
5. Install the blaster printer by adding a printer in Devices and Printers
 - a. Add a local printer
 - b. Use an existing port
 - c. Manufacturer is Cognitive
 - d. Printer is Cognitive Advantage LX 4 inch
 - e. Click on the Have Disk button
 - f. Browse to *c:\program files (x86)\Cognitive Drivers* and select COGNOEM
 - g. Select **Open**, **OK**, then **Next**.
 - h. Select the option to use the driver currently installed and click on Next
 - i. Keep current printer name or change as desired then click the Next button
 - j. Choose the option to not share the printer and click the Next button
 - k. Click on the Finish button
6. Right-click on the Cognitive Advantage LX 4 inch printer and set it as the default printer
7. Right-click on the Cognitive Advantage LX 4 inch printer and select Printing Preferences.
 - a. Set the following dimensions on the *Options* tab:
 - Size - Width: 4 inches
 - Size - Height: 6.75 inches
 - Unprintable Area - Left: 0.55
 - b. Click on the Advanced Setup tab and set the Sensor Type to Black Bar
8. Index the printer
 - a. Turn the power off
 - b. Wait for the lights to go dark

- c. Turn the power back on
 - d. Wait for the Ready light to turn green
 - e. Press the feed button. The paper should index to the next black bar.
9. Calibrate the printer
- a. Go to *Printing Preferences / Advanced Setup / More Settings*.
 - b. Select **Calibrate**. The green Ready light will flash off and on. One or more sheets will feed. Calibration is complete when the Ready light returns to a solid green.
10. Key in custom command text
- a. Go to *Printing Preferences* and select the *Custom Commands* tab.
 - b. Change the *Position* to *Page (data)*.
 - c. Change the *End* to *Text*.
 - d. Select the **Ellipsis**.
 - e. Type in the following:
! 0 0 0 (these are zeroes and there are spaces between each character)
INDEX
END (hit return after lines 1&2, must be in all caps, don't hit enter after END)
 - f. Choose **OK** on Customer Command Text.
 - g. Select **Apply** then **OK**.
 - h. Power down, back up then index the paper again
11. Right-click on the Cognitive Advantage LX 4 inch printer and select **Printer Properties**. Choose **Print a Test Page**.
12. It has been found in testing that the printer may need to be disabled or enabled to print if the default printer changes after the Blaster printer