

Brady Script Emulator for ZPL*

Frequently Asked Questions



Compatibility & Setup

What Brady printers will the Brady Script Emulator for ZPL work with?

It will work with the following Brady printers: M410, M510, M511, M610, M611, M710, i3300, i5300, S3100, S3700, A5500, A6200, A6500.

Why doesn't the emulator work with M210 or M211?

It's not designed to function with the M210 and M211 printers since they're not designed to receive label files with a data cable.

Does the emulator require a driver to be installed on the Brady printer?

No, it will not require an installed driver on the Brady printer.

Does the emulator come with an ethernet cable or data cable?

No. The emulator only comes with an AC USB C power cable. A data cable comes with the purchased Brady printer.

What's the purpose of the NFC antenna on the emulator?

The NFC antenna will link the network-connected emulator to the web configuration page for that emulator via a user's mobile device, which must be connected to the same network.

Will ZPL script labels print the same size on a Brady printer as on a Zebra printer?

Some minor differences in label size may be noticed due to the conversion of dpi of the original ZPL label. Many ZPL labels are printed on 203 dpi printers and many Brady printers are 300 or 600 dpi.

Connectivity & Networking

How do I know if my emulator is NOT connected to a network?

If the emulator is not connected to a local network, the url IP link will state 0.0.0.0 when using a mobile device.

Why is it important for the emulator to be connected to the same network as the ZPL files?

ZPL scripts generally are not housed or stored in a software, but within an enterprise network. Thus, the emulator must be connected to the network with an ethernet cable.

Can I print a label via a smartphone?

Only the diagnostic label.

How many printers can simultaneously be connected to the emulator?

The emulator needs to be linked to a printer using the data cable that comes with the Brady printer. This means there's a 1-on-1 connection between a printer and an emulator.

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Web Configuration

What's the purpose of the web configuration page?

The web configuration page is important for the user to establish settings for the emulator such as defining the dpi of the script and updating firmware for the emulator; among many other product features and settings.

How do I access the web configuration page?

There are two ways to access the web configuration page: with a mobile device via the NFC antenna on the emulator; or by inserting a USB memory stick in the A Port of the emulator, which will download a .txt file with the IP address of the web configuration site accessible with a PC or laptop.

Why am I unable to connect to the web configuration page?

It's necessary that the emulator and the device accessing the web configuration page are both connected to the same network.

How do I print the configuration label?

The configuration label can be printed from the web configuration page under *Diagnostics*.

What's the purpose of the configuration label?

Printing the configuration label is a good way to verify connectivity between the printer, emulator and web configuration page. The printed label will display network settings and the device name.

Is the web configuration page available via a Mac?

The web configuration page is available on any browser — Mac or PC.

ZPL Commands & Printing

How can I learn what ZPL commands are supported with the emulator?

Brady has a published directory of supported ZPL commands for a variety of Brady printers. Refer to it frequently as it will be updated regularly.

Will the emulator be updated to recognize additional ZPL commands?

The emulator has upgradeable firmware that can be updated with a USB thumbdrive or connected to the web configuration page.

Can I store a ZPL file on the printer?

The emulator does not have storage for finished ZPL script files.

What font type will the label print from the connected emulator?

The printed labels will utilize the onboard default font set of the actual printer in use. Some unique fonts are also supported within the ZPL scripts.

If I set the label length in the web configuration page, will that override ^LL command in the ZPL Script?

The label length in the script will take precedent over the web configuration page. If a label length is not specified in the script then it will need to be defined in the web configuration page, under *Settings*.

Can I test a ZPL script to see what the output will be?

We recommend a customer provide a sample of the ZPL script, so we can test it with the emulator and Brady printer to see the output. Please reach out to a Brady territory manager to learn more.

What are potential factors that could result in a script misprint?

Alignment of the printer (center vs. left aligned vs. blackmark), font types, font sizes, graphics, margins or offsets. We recommend a customer provide a sample of the ZPL script so we can test it with the emulator and Brady printer to see the output.

Hardware & Support

Does the emulator have a battery?

It has a small coin cell battery that only stores the local time and date. It must be plugged into AC power in order to work.

Can I store a ZPL file on the printer?

The emulator does not have storage for finished ZPL script files.

What's the product warranty for the emulator?

The product warranty is one year.

Is the emulator repairable?

No, the emulator is not repairable.

How durable is the emulator?

It's drop tested for 4' heights and will operate in a temperature ranges of 39°F to 104°F.

USA | BradyID.com

Customer Service: 1-888-272-3946

Inside Sales: 1-888-311-0775

Canada | BradyCanada.ca

Customer Service: 1-800-263-6179

Mexico | BradyLatinAmerica.com

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