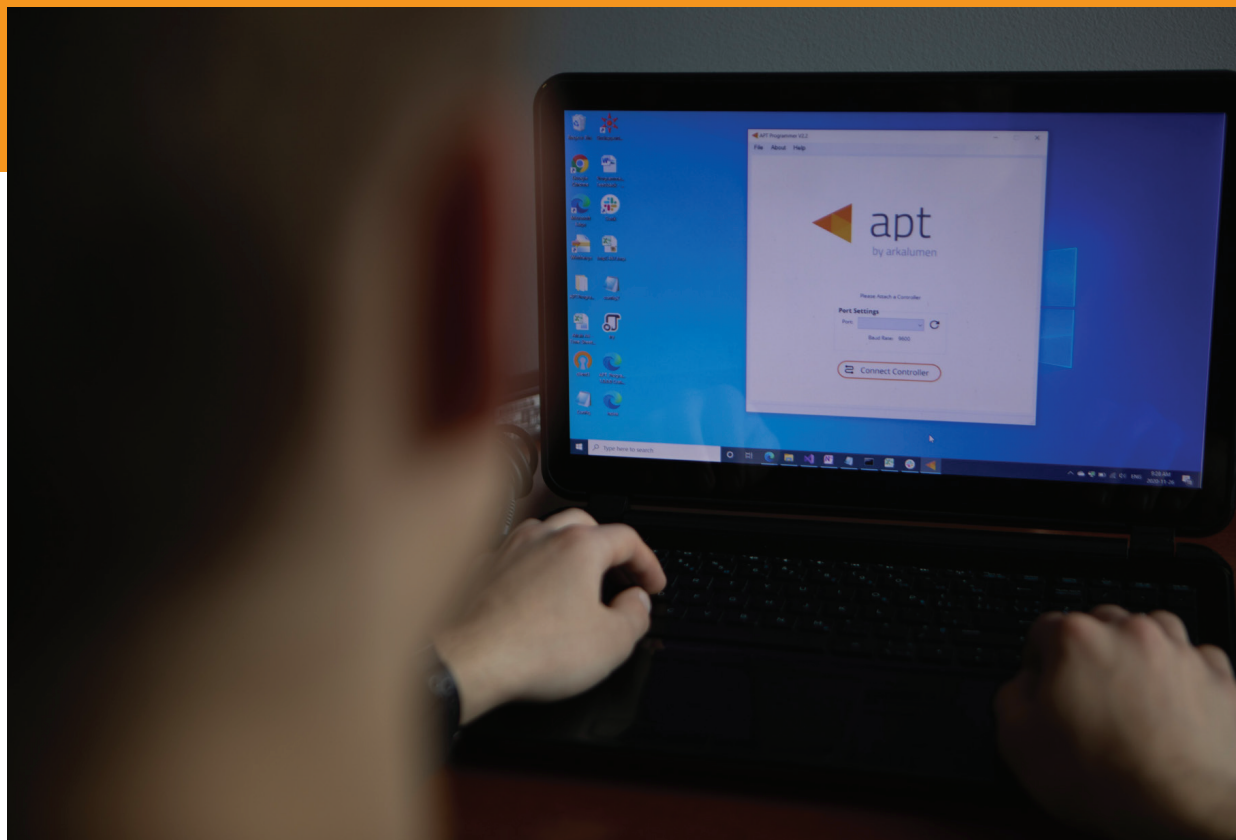




# APT Programmer-Express Programming Guide

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## Connecting the APT Programmer

- 1 Connect the APT Programmer to the PC and controller as shown in Figure 1.

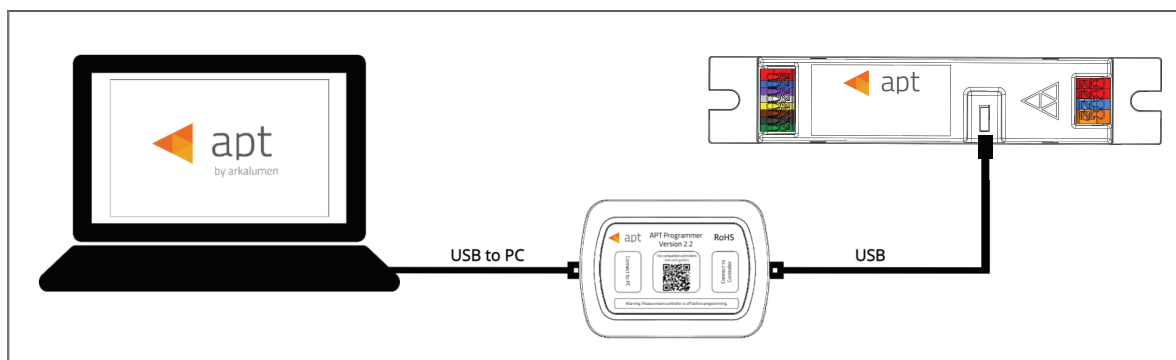



Figure 1: Wiring Diagram

## Using the APT Programmer-Express Interface

### Running the APT Programmer-Express Interface

- 1 Launch the APT Programmer-Express Interface software by selecting the application, **APT Programmer-Express Interface**. The Programmer Connect window (shown in Figure 2) will open.
- 2 Select the COM port to which the APT Programmer is connected from the **Port** drop-down menu. If a COM port is not visible, click the  button until the correct port is visible.
- 3 Click **Connect Programmer** to establish a connection. Once connected, the APT Programmer-Express Interface window (shown in figure 3) will open.

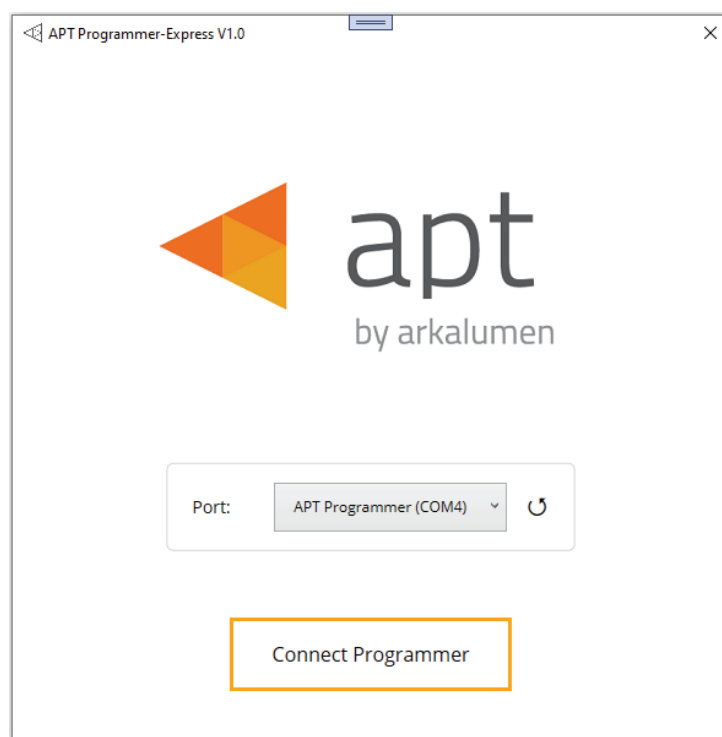
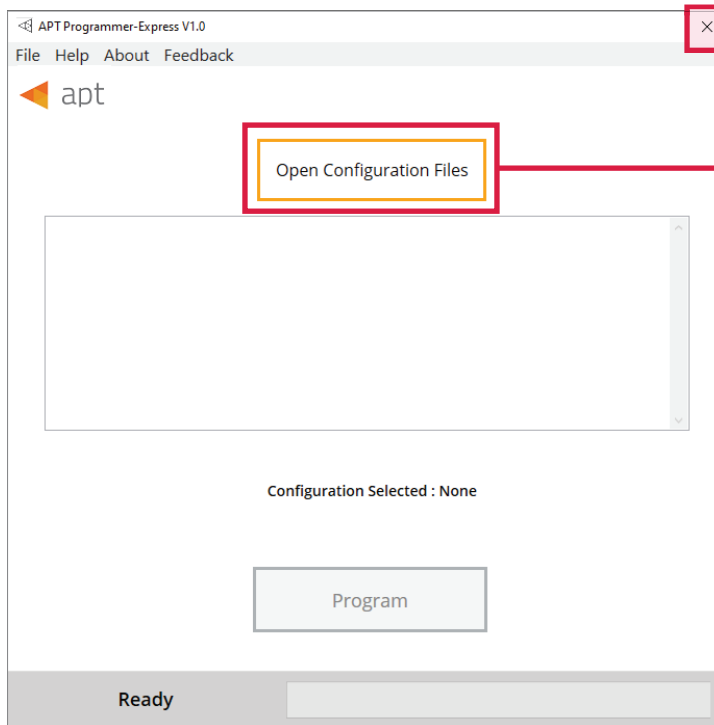


Figure 2: Programmer Connect window

*Note: Once connected, if the APT Programmer is not displayed in the port list, please run the CDM212364\_Setup file sent with the APT Programmer software to install the drivers.*

## Using the Programmer Interface Window

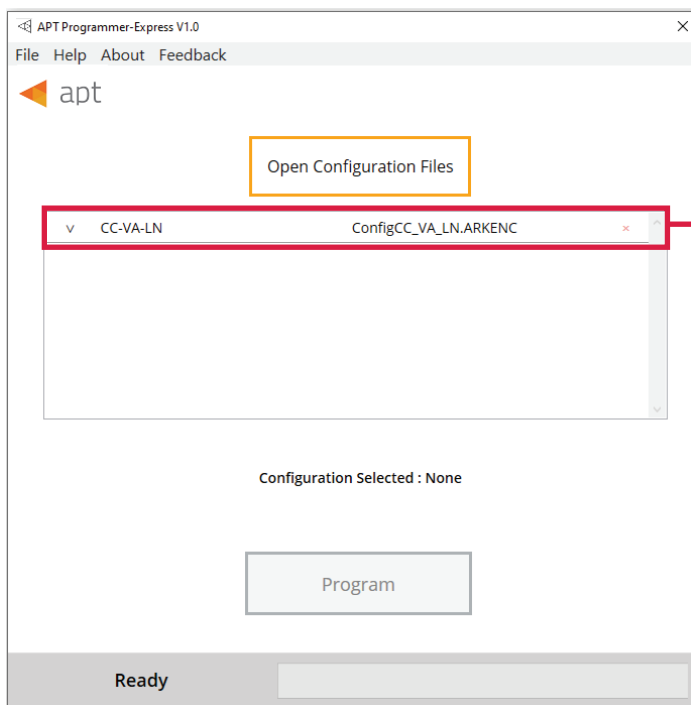


Exit the APT Programmer-Express Interface by either clicking **x**, pressing **Ctrl+Q** or selecting **File > Exit**

Open a previously saved configuration file (.ARKENC) by clicking **Open Configuration Files**.

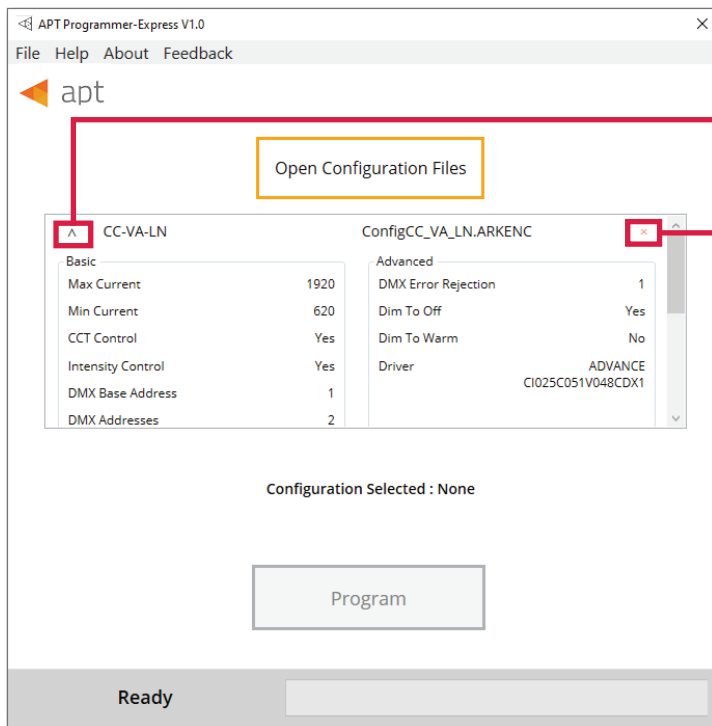
*Note: To open a previously saved configuration file, a configuration file must be created using APT Programmer-Engineering or through contacting Arkalumen.*

Figure 3: Programmer Interface window



Once a previously created configuration file is selected, it will be displayed in the preview box.

Figure 4: Selecting Configuration File

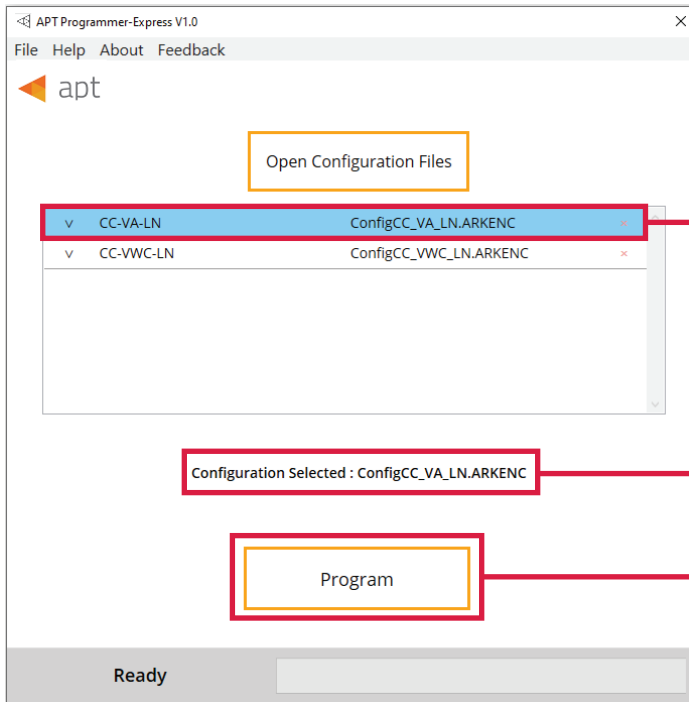


Click on the expand arrow to display the configurations to be uploaded to the controller.

Click x to remove the selected configuration file

Figure 5: Summary of Configuration File

## Using APT Programmer-Express Interface



### Programming APT Controllers

- 1 Select the configuration file to be uploaded. Once selected, the configuration file will be highlighted in blue in the preview box and also below.
- 2 Once selected, click **Program** to upload the configuration file to the APT controller.

Figure 6: Summary of Configuration File

### Programming Multiple APT Controllers:

To configure multiple APT controllers, once the configuration file is selected connect the controller to the APT Programmer hardware and click **Program**. Once programmed, disconnect controller, and connect the next controller and click **Program**. Repeat for all controllers that are to be programmed with the same configuration file.



To print labels for any new custom configuration code, please use the APT Programmer - Engineering version of the APT software. Information can be found in the APT Programming Guide - Engineering, under "Generating Labels".

To obtain blank labels, contact Arkalumen or visit [onlinelabels.com](https://www.onlinelabels.com)

Labels: <https://www.onlinelabels.com/products/ol1930lp>

When ordering, Arkalumen recommends selecting Weatherproof Polyester labels in a material suited for your printer.



If at any time you have comments or suggestions regarding the APT Programmer-Express or APT Controller, please click on the **Feedback** tab in the top menu bar to submit information to our team. We appreciate all feedback and are committed to continuously improving our products. For immediate support, please contact the Arkalumen team at 1-877-856-5533 or email [support@arkalumen.com](mailto:support@arkalumen.com)

**Arkalumen** designs and manufactures intelligent LED controllers and custom LED modules for light fixture manufacturers in order to enable energy efficient and feature rich lighting solutions. For over 10 years, **Arkalumen** has focused on simple, flexible, cost effective solutions that allow highly differentiated fixtures to be launched in commercial, industrial, and residential markets. With 30+ patents, we have a history of driving innovation within the lighting industry and are proud to push the limits of what lighting in applications in education, healthcare, film and horticulture can be.

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