

Connecting a Noritake Graphic Vacuum Florescent Display to a BL1200 PLCBus

The Noritake Graphic Vacuum Florescent Display (GVFD) adapter board comes with an attached 6-inch ribbon cable. Connect the free end of the ribbon cable to the PLCBus of a BL1200. Be sure to connect pin 1 of the cable to pin 1 of the PLCBus. Insert the GVFD adapter board into the 26-pin header of the Noritake graphic display. Pin 1 of the GVFD adapter is closest to the H1 label. The board should fit underneath the display to allow the whole thing to fit in a case.

Size your power supply accordingly. The Noritake GU128X64-302 requires 1.1 Amps of 5 volts. The GU256X64-372 requires 2.0 Amps at 5 volts. Connect the programming cable to the BL1200. Apply power to the GVFD first. Now apply power to the BL1200 with the 24-volt wall adapter or another suitable power supply. You are now ready to program in Dynamic C.

When you finish programming, turn off power to the BL1200 before removing power from the Noritake display. If you use a dual power supply, sequencing problems are eliminated.

Caution

Incorrectly connecting a GVFD to a Z-World controller can damage the GVFD or circuit board or both. This applies to the BL1200 and other PLCBus based controllers.



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