LED Dot Matrix Display Boards

In addition to the on-board multiplex on **Pluto 5/ Pluto 5 Casino** for lamps and LED digits, we have available add-on Dot Matrix LED displays and driver board, and a Dot Matrix VFD driver board.

NB: Normal alpha-numeric VFD's/Linewritter displays used in most gaming machines can be run directly from the **Pluto 5** Board without additional boards.

Pluto 16x24 LED Driver Board (Part No. 01-15781-1)

This board is designed to run up to a 16 x 24 Dot Matrix LED display and plugs directly into the Multiplex Expansion Connector (P11) of the **Pluto 5** Board.

The following Dot Matrix LED displays are available :

Character Format	Digit Heights	Dimensions (board)	Brightness	Part No.
8 x 40	42mm	241.3mm x 61mm	Bright	01-15784-1
8 x 40	106mm	607.1mm x 134.6mm	Bright	01-15786-1

Pluto 5 Graphic Driver Board (Part No. 01-15817-3)

This graphic driver board has been designed to run a Samsung 170L40AA1 Graphic Vacuum Fluorescent Display (VFD), a 170 x 40 dot matrix display. When using this board in conjunction with **Pluto 5**, it should be connected to the Multiplex Expansion Connector, P11.

The Samsung Graphic VFD display is detailed below:

No of Characters	Samsung Part Number	Character Format	Display Area	VFD Size	PCB Size
GRAPHIC	170L40AA1	170 x 40	195.2mm x 45.7mm	237.0mm x 73.0mm	244.0mm x 85.0mm