

Picomotor™ Hand Control Pad

MODEL 8758

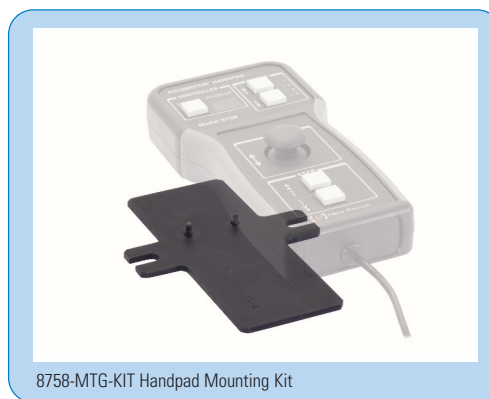


- Plug-and-Play, USB 2.0 interface
- Allows local control without a computer
- Can interface with up to 31 drivers
- Both analog & digital controls
- Powered via USB, no separate power supply needed
- Ergonomic design
- Optional mounting kit

The 8758 is a robust and fully functional multi-axis hand control device for controlling your Picomotor actuator products. This hand control pad facilitates local (non-computer) control of Picomotor positioners connected to the 8742 and/or 8743-CL Picomotor controller/drivers. It is a perfect solution when you need to run a quick test or just want a straightforward handheld controller device.

Model 8758 control functions are organized into four basic groups: (1) controller selection, (2) motor selection, (3) variable speed jog control, and (4) forward/reverse single-step & continuous jog control. It can control up to 4 axis when used with the 8742 or 2 axis with the 8743-CL controller/driver. When daisy-chained in a master and slave configuration, the 8758 is capable of interfacing with up to 31 Picomotor controller/drivers. It draws its electrical power from the Picomotor controller via USB interface, thus does not require a separate power supply. It is also ergonomically friendly designed to be compatible for both right or left handed users.

For applications where it is desirable that the 8758 Hand control pad be securely fastened to an optical table surface, there is an accessory model# 8758-MTG-KIT available. This kit provides all the necessary hardware to accomplish that objective.



8758-MTG-KIT Handpad Mounting Kit

Picomotor Hand Control Pad Specifications

Specifications	8758
Interface	USB 2.0
Number of Motors	31 Drivers
Cable Length (m)	3
Variable Speed Jog Control	Yes
Single Step Control	Yes
On/Off Switch	Yes
Axis per Controller/Driver	4 axis for 8742, 2 axis for 8743-CL

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Picomotor™ Hand Control Pad

Ordering Information

Model	Description
8758	Hand Control Pad for 874X Picomotor Controller/Drivers
8758-MTG-KIT	Optical Table Mounting Plate Kit, 8758 Hand Control Pad

Picomotor Controller/Drivers Kits and Accessories

Model	Description
8742-4-KIT	Four-Axis 8742 Picomotor Controller/Driver Kit
8742-8-KIT	Eight-Axis 8742 Picomotor Controller/Driver Kit
8742-12-KIT	Twelve-Axis 8742 Picomotor Controller/Driver Kit
8742-4-8821-LL	8742 Picomotor Controller/Driver Kit with Two 8821-L Left Handed ClearEdge Picomotor Mounts
8742-4-8821-RL	8742 Picomotor Controller/Driver Kit with 8821 and 8821-L ClearEdge Picomotor Mounts
8742-4-8821-RR	8742 Picomotor Controller/Driver Kit with Two 8821 ClearEdge Picomotor Mounts
8743-CL-2-KIT	Two-Axis 8743 Picomotor™ Controller/Driver Kit
8745-PS	Power Supply, 8742 and 8743-CL Controller/Driver, 12V
8745-PWR-CBL	Power Cable, 6 in. Length, 8742 and 8743-CL Controller/Driver
8745-USB-CBL	USB Cable, 3 Meters Length, 8742 and 8743-CL Controller/Driver
8745-RS485-CBL	RS-485 Cable, 6 in. Length, 8742 and 8743-CL Controller/Driver
8745-STK-KIT	L-Shaped Stacking Plate Kit, 8742 and 8743-CL Controller/Driver
8745-MTG-KIT	Optical Table Mounting Plate Kit, 8742 and 8743-CL Controller/Driver



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