

USER MANUAL

MODEL:

PCS87/M/USB

Flip-Up Power Grommet



Contents

Introduction	1
Getting Started	1
Overview	2
Typical Applications	2
Product Overview	3
Installation	5
Drilling a Hole in the Table	5
Mounting the PCS87/M/USB in a Table	5
Connecting the Cables and Wires	6
	7
Operating Instructions	8
Technical Specifications	

Getting Started

We recommend that you:

- Unpack the equipment carefully.
- Review the contents of this user manual.

Achieving the Best Performance

- **Use only good quality connection cables** to avoid interference, deterioration in signal quality due to poor matching, and elevated noise levels (often associated with low quality cables).
- Do not secure the cables in tight bundles or roll the slack into tight coils.
- Avoid interference from neighboring electrical appliances that may adversely influence signal quality.
- Position your **PCS87/M/USB** away from moisture, excessive sunlight and dust.



This equipment is to be used only inside a building. It may only be connected to other equipment that is installed inside a building.

Safety Instructions



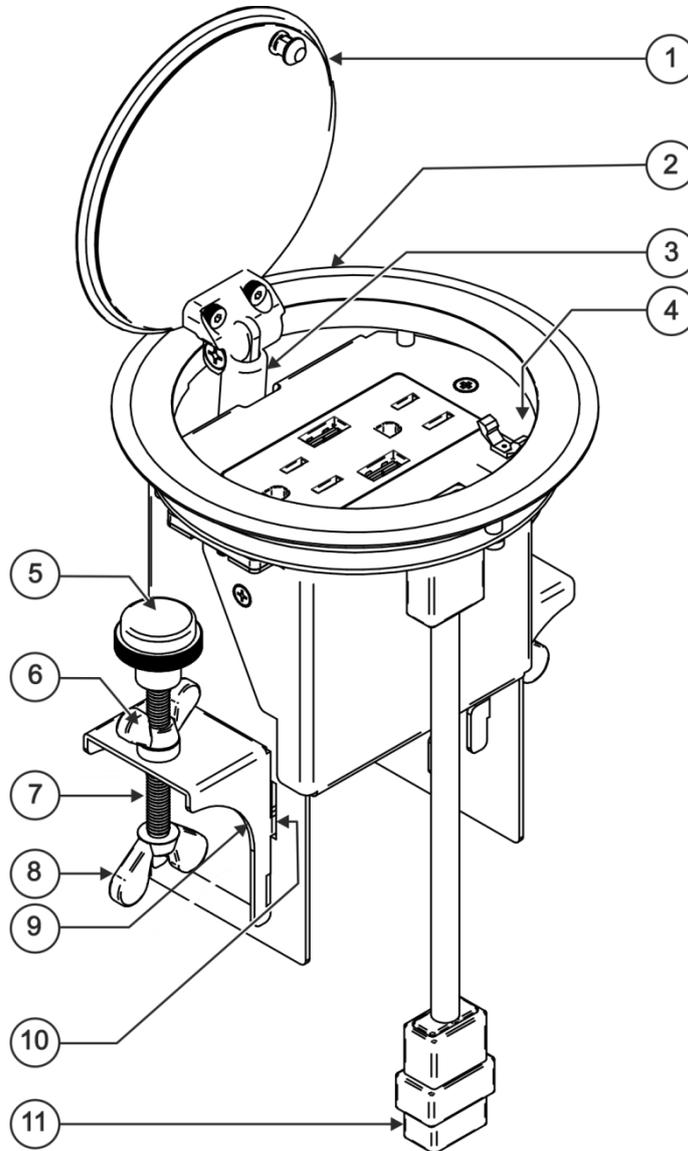
- Caution: There are no operator serviceable parts inside the unit.
- Warning: Use only the power cord that is supplied with the unit.
- Warning: Do not open the unit. High voltages can cause electrical shock! Servicing by qualified personnel only.
- Warning: Disconnect the power and unplug the unit from the wall before installing.
-

Overview

The **PCS87/M/USB** is an elegant furniture-mounted, flush round power grommet. The unit features a pneumatic mechanism for pneumatic lifting and smooth closing of its lid. It is easily installed into a table or podium top, and its interface enables you to connect any equipment to systems installed in a room via the following connectors:

- Two US power sockets (5A when connecting a single power socket and a total of 6A when connecting both sockets).
 - Two 2A USB ports for charging devices.
 - One HDMI connector (supporting HDMI with Deep Color, x.v.Color™, Lip Sync, HDMI Uncompressed Audio Channels, Dolby TrueHD, DTS-HD, and CEC).
 - One C14 power socket and one HDMI connector on the underside of the unit.
-

Product Overview



#	Feature	Function
①	Pop-up Lid	Covers the connecting surface, leaving the table surface neat and tidy.
②	Outer Rim	Fits over a table surface.
③	Pneumatic Mechanism	Enables automatic lifting and smooth closing of the lid.
④	Connecting Surface	See Figure 2 .
⑤	Rubber Protectors (x2)	Protect the table surface when mounting the unit.
⑥	Locking Butterfly Nuts (x2)	Tighten to lock the mounting butterfly screw.
⑦	Mounting Screws (x2)	For securing the PCS87/M/USB to the table.
⑧	Mounting Butterfly Nuts (x2)	Tighten to secure the unit to the table surface.

#	Feature	Function
⑨	Mounting Brackets (x2)	Place in the bracket slits after inserting the enclosure into the table, for securing the unit to the table surface
⑩	Mounting Bracket Slits (two slits on each side)	Insert the mounting brackets to the slits when installing the PCS87/M/USB .
⑪	HDMI Cable	Connect to an HDMI acceptor.

Unit Features

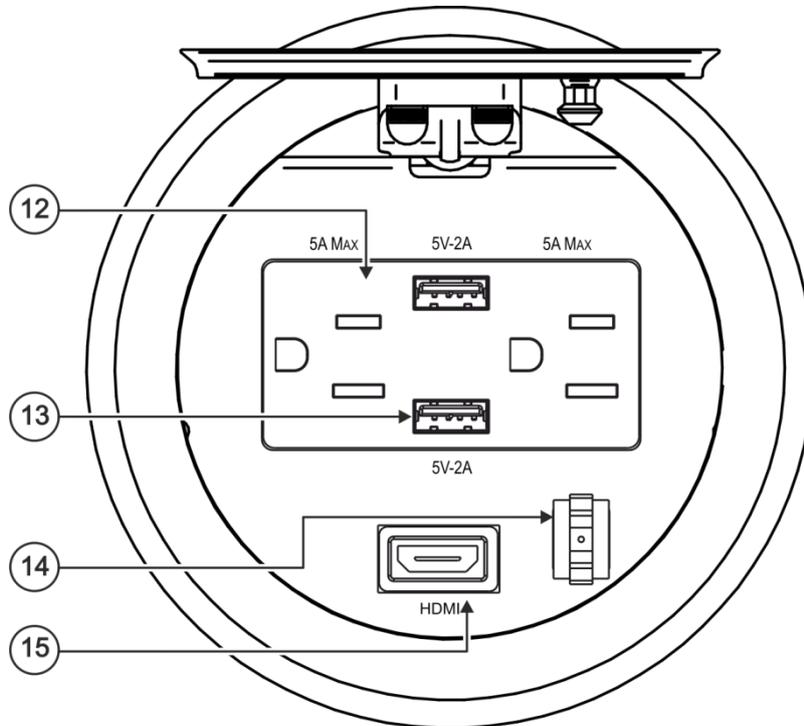
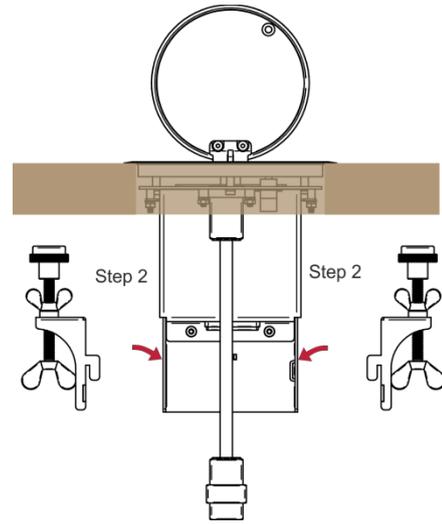


Figure 2: PCS87/M/USB Connecting Surface

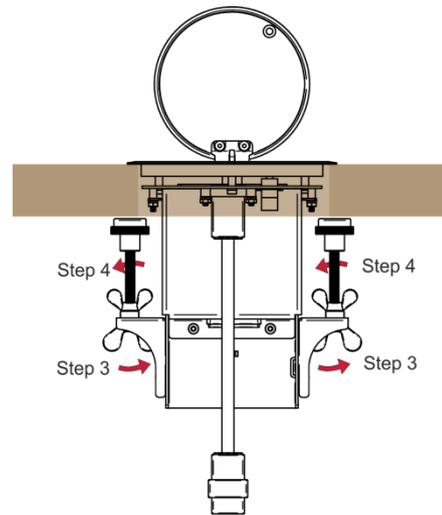
#	Feature	Function
⑫	5A/125V Power Connector (x2)	Connect to a US power consuming device.  When a single power socket is connected, consumption should not exceed 5A. When both power sockets are connected, the total consumption should not exceed 6A.
⑬	5V-2A USB CHARGING Port (x2)	Use to charge up to two devices simultaneously.
⑭	Lid Latch	For safely closing the lid.
⑮	HDMI Connector	Connect to an HDMI source.

Step 2: From underneath the table, slide the mounting brackets into the appropriate slots.



Step 3: Tighten the butterfly mounting screws securely upward against the table.

Step 4: Lock the mounting screws into position with the locking butterfly screws.



Connecting the Cables and Wires

Following installation connect the cables to the underside of the unit:

- Connect the power cable to a power source.
- If applicable, connect the HDMI connector to an HDMI acceptor.

Make sure that when:



- A single power socket is connected, consumption should not exceed 5A.
- Both power sockets are connected, the total consumption should not exceed 6A.

Using the PCS87/M/USB

Once the PCS87/M/USB is installed, you can easily customize it to your own needs by directly plugging in the required AV equipment.

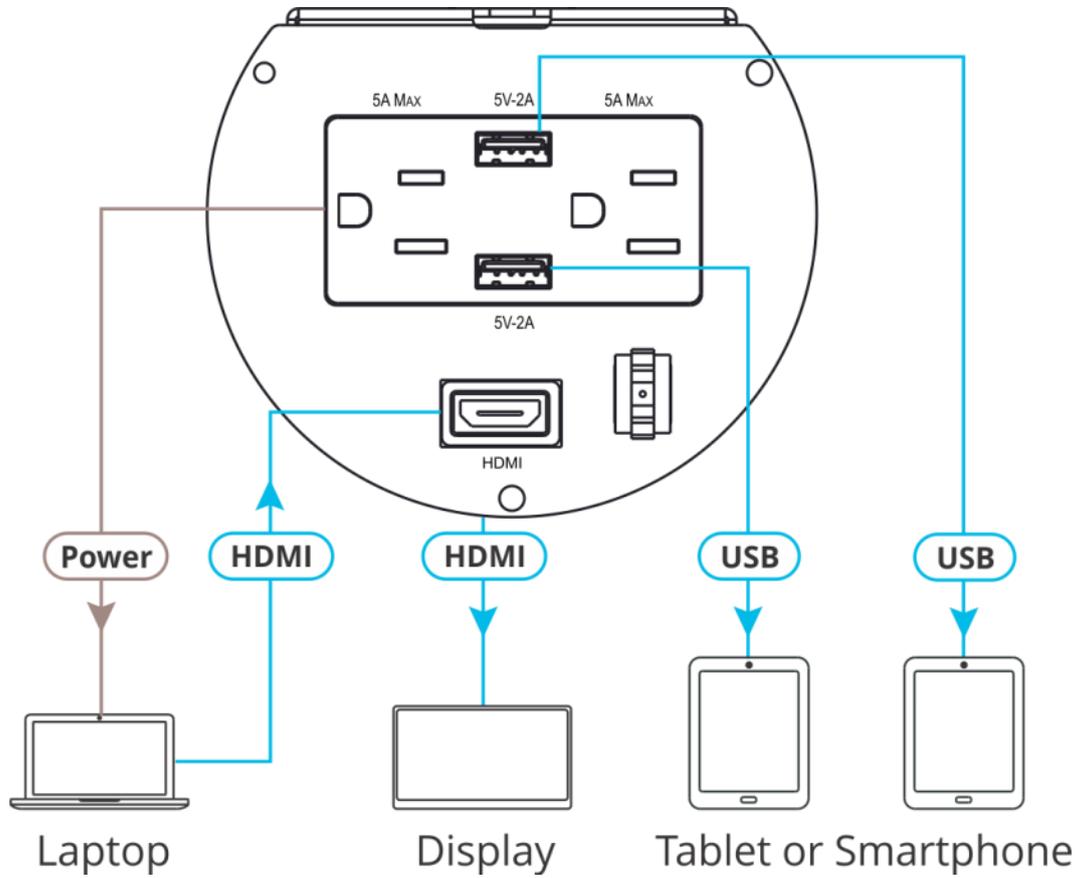


Figure 3: Connecting PCS87/M/USB

Technical Specifications

Ports	1 HDMI	On an HDMI connector
	2 USB Ports	5V, 2A on female USB-B connectors for charging devices
	2 US Power Sockets	For powering devices
Power	Consumption	125V AC, 50/60Hz, 6.3A
	Fuse Rating	T 6.3A 250V
	 When a single power socket is connected, consumption should not exceed 5A. When both power sockets are connected, the total consumption should not exceed 6A.	
Environmental Conditions	Operating Temperature	0° to +40°C (32° to 104°F)
	Storage Temperature	-40° to +70°C (-40° to 158°F)
	Humidity	10% to 90%, RHL non-condensing
Regulatory Compliance	Safety	CE, UL
	Environmental	RoHs, WEEE
Enclosure	Type	Aluminum
Accessories	Included	Clamps, US AC power cord 6 ft.