

PRESENTERPOD™

Preset Trigger System for the Vaddio™ Automated Content Presentation Systems

Part Numbers:

999-1111-000 North America

999-1111-001 International



Inside Front Cover -Blank

PresenterPOD Overview:

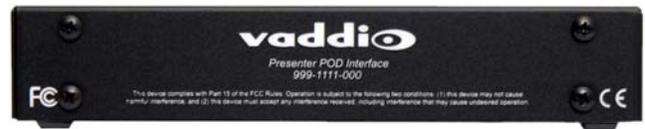
The PresenterPOD is a perfect complement to the Vaddio AutoPresenter™ or ControlVIEW™ XHD video switcher and automated camera control systems and the Hot-Shot Preset Camera Controller. The system allows the presenter to walk up to a work area such as a lectern, teaching station or whiteboard and quickly have access to the AutoPresenter inputs, Pan/Tilt/Zoom camera presets and even the PIP on/off.

Two (2) large round buttons located on the PresenterPOD offer the presenter flexible control over the automated content on other presets and other necessary content sources. A third small square button is available for PIP on/off if the PIP is stored within any of the presets activated by the PresenterPOD. Even the Logo button can be used as a trigger.

PresenterPOD Showing 4 Back-lit Trigger Buttons



PresenterPOD Interface Front Panel



The system uses the Vaddio EZCamera™ cabling standard, which connects the PresenterPOD via a single Cat-5e cable to the PresenterPOD Interface for the provision of power and transmission of data between the devices. The PresenterPOD Interface can support up to two (2) PresenterPODs. The PresenterPOD Interface can be assigned to output latching, momentary triggers or any combination depending on the design requirements.

The PresenterPOD combined with the Vaddio Automated Content Presentation Systems provides a truly innovative approach to automating people and content presentation systems with easy to understand presenter control options.

Intended Use:

Before operating the device, please read the entire manual thoroughly. The system was designed, built and tested for use indoors, and with the provided power supply and cabling. The use of a power supply other than the one provided or outdoor operation has not been tested and could damage the device and/or create a potentially unsafe operating condition.

Important Safeguards:

Read and understand all instructions before using. Do not operate any device if it has been dropped or damaged. In this case, a Vaddio technician must examine the product before operating. To reduce the risk of electric shock, do not immerse in water or other liquids and avoid extremely humid conditions.



Use only the power supply provided with the system. Use of any unauthorized power supply will void any and all warranties.



Please do not use “pass-thru” type RJ-45 connectors. These pass-thru type connectors do not work well for professional installations and can be the cause of intermittent connections which can result in the RS-232 control line failing and locking up, and/or compromising the HSDS™ signals. For best results please use standard RJ-45 connectors and test all cables for proper pin-outs prior to use and connection to Vaddio product.

Save These Instructions:

The information contained in this manual will help you install and operate your product. If these instructions are misplaced, Vaddio keeps copies of Specifications, Installation and User Guides and most pertinent product drawings for the Vaddio product line on the Vaddio website. These documents can be downloaded from www.vaddio.com free of charge.

Unpacking:

Carefully remove the products and all of the parts from the packaging.

Part Number 999-1111-000 (North America)

- One (1) PresenterPOD Interface 998-1111-000
- One (1) PresenterPOD 998-1111-002 with Hardware
 - Two (2) Metal Wall Mount Tabs
 - Two (2) 6-32 x 5/16" Black Phillips FH Screws
 - Two (2) 800-617 Spiral Wall Anchors (EZ Anchor type)
 - Two (2) #8 x 1.25" Black Phillips PH Sheet Metal Screws
- One (1) 12VDC, 1.0 Amp Power Supply with NA AC Cord Set (451-0100-012)
- One (1) Sheet of Small Race Tack Shaped Button Overlays (for user labeling)
- Documentation



PresenterPOD and Interface



Part Number 999-1111-001 (International)

- One (1) PresenterPOD Interface 998-1111-000
- One (1) PresenterPOD 998-1111-002 with Hardware
 - Two (2) Metal Wall Mount Tabs
 - Two (2) 6-32 x 5/16" Black Phillips FH Screws
 - Two (2) 800-617 Spiral Wall Anchors (EZ Anchor type)
 - Two (2) #8 x 1.25" Black Phillips PH Sheet Metal Screws
- One (1) 12VDC, 1.0 Amp Switching Power Supply
- One (1) EURO Power
- One (1) UK Power Cord
- One (1) Sheet of Small Race Tack Shaped Button Overlays (for user labeling)
- Documentation

PresenterPOD shown with Mounting Tabs



Extra POD Part Number 998-1111-002 (North America and International)

- One (1) PresenterPOD
- Two (2) Metal Wall Mount Tabs
- Two (2) 6-32 x 5/16" Black Phillips FH Screws
- Two (2) 800-617 Spiral Wall Anchors (EZ Anchor type)
- Two (2) #8 x 1.25" Black Phillips PH Sheet Metal Screws

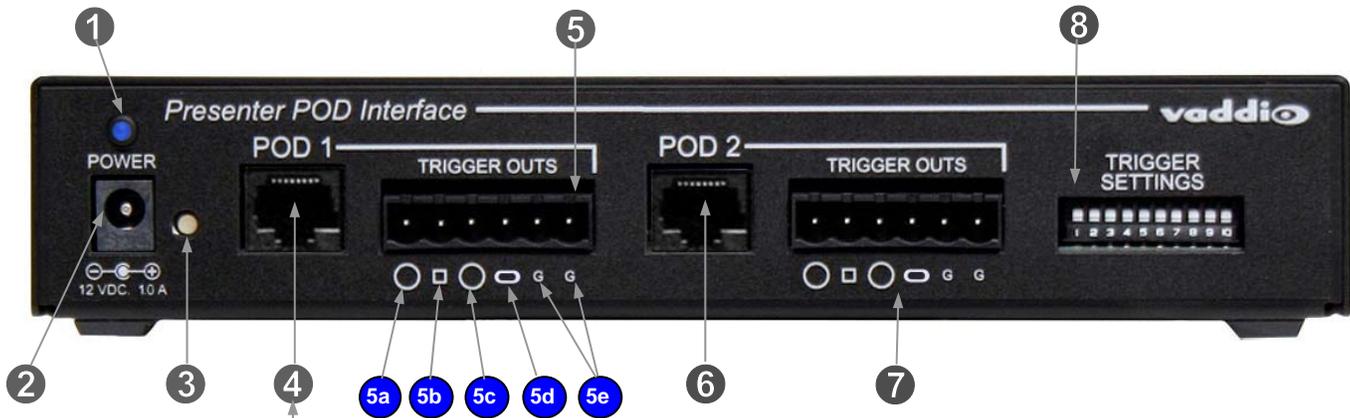
Components of the PresenterPOD System:

The PresenterPOD

- 1) Large, Round Back-lit Trigger Button X2
- 2) Logo and Trigger Button
 - a. Blue back-lit logo button
 - b. Turns red when triggered
- 3) Label and Label Dug-out
 - a. Slight depression in the plastic allows application of the supplied adhesive trigger labels
- 4) Small Square Button
 - a. Used for a trigger or for the PIP on/off when using the AutoPresenter Automated Seamless Switcher
- 5) Plastic Body with Metal Base
 - a. Tough textured paint covers the plastic body.
- 6) Metal Wall Mount Tabs (2)
 - a. Use to mount the POD to the Wall or any surface (mounting hardware included).



The PresenterPOD Interface - Single PresenterPOD System (no scale)



Cat-5e Cable



PresenterPOD 1 (no scale): Buttons marked to correspond to the icons on the Trigger Outs of PresenterPOD 1. The PresenterPOD is connected to the POD 1 Interface with a Cat-5e cable (up to 100' /30.48m).

- 1) **Power LED:** Blue LED power indicator light
 - 2) **Power Jack:** 5.5mm OD x 2.5mm ID, Positive Center
 - 3) **Recessed Button** (for future use - not currently used)
 - 4) **POD 1 RJ-45 Jack:** Supplies power to the PresenterPOD and exchanges data between POD and Interface. The Interface can support two PresenterPODs with Cat-5e cables at a distance of up to 100' (30.48m) each.
 - 5) **POD 1 Trigger Outs (short to ground):** The icons for triggers are arranged in the same shape as the buttons on the PresenterPOD.
 - a. 5a is the large round button on the left side of the PresenterPOD
 - b. 5b is the center, small and square button which can be used as a PIP on/off for AutoPresenter or as an ordinary trigger. Default for this button is momentary for PIP on/off, but can be changed to latching.
 - c. 5c is the large round button on the right side of the PresenterPOD
 - d. 5d is a dual purpose button. It serves as a Logo button, is back-lit blue while the power is on and it can be used as a trigger that turns red when triggered.
 - e. Two ground pins on the Interface (for ease of wiring)
 - 6) **POD 2 RJ-45 Jack:** Supplies power to the PresenterPOD and exchanges data between POD and Interface at a distance of up to 100' (30.48m) each.
 - 7) **POD 2 Trigger Outs (short to ground):** Same controls, button pushes and icons as POD 1
 - 8) **Trigger Settings:** The trigger outs can be assigned as latching or momentary triggers (see table below).
- Note:** Dip switch 9 combines the PODs logic together and supply up to 8 triggers out (one at a time) using two pods. With dip switch 9 up, the PODs act independently allowing two triggers at a time to separate input devices.

Dip Switch	DOWN Function	UP Function
SW1	POD 1 - SW1 Latching Trigger (default)	POD 1 - SW1 Momentary Trigger
SW2	POD 1 - SW2 Latching Trigger	POD 1 - SW2 Momentary Trigger (default)
SW3	POD 1 - SW3 Latching Trigger (default)	POD 1 - SW3 Momentary Trigger
SW4	POD 1 - SW4 Latching Trigger (default)	POD 1 - SW4 Momentary Trigger
SW5	POD 2 - SW1 Latching Trigger (default)	POD 2 - SW1 Momentary Trigger
SW6	POD 2 - SW2 Latching Trigger	POD 2 - SW2 Momentary Trigger (default)
SW7	POD 2 - SW3 Latching Trigger (default)	POD 2 - SW3 Momentary Trigger
SW8	POD 2 - SW4 Latching Trigger (default)	POD 2 - SW4 Momentary Trigger
SW9	Logic Combined - 8 Triggers on 2 PODs (default)	Logic - PODS behave independently
SW10	N/A - Future Functionality (default)	N/A - Future Functionality



PresenterPOD I/O

The PresenterPOD has two (2) RJ-45 connection points for flexibility in mounting and cabling. Use only one of these connectors at a time. The Cat-5e cable between the PresenterPOD and the PresenterPOD Interface carries power to the POD and exchanges data with the interface.

The bottom has an RJ-45 jack used when the PresenterPOD can be located on a wall, next to a whiteboard, and the Cat-5e cable can be run in the wall. The bottom RJ-45 jack can be used when the POD is positioned over a grommet or cable pass through. The bottom also has four (4) rubber feet for protection of table tops and two (2) threaded inserts for use with the metal wall mounting tabs included with the PresenterPOD

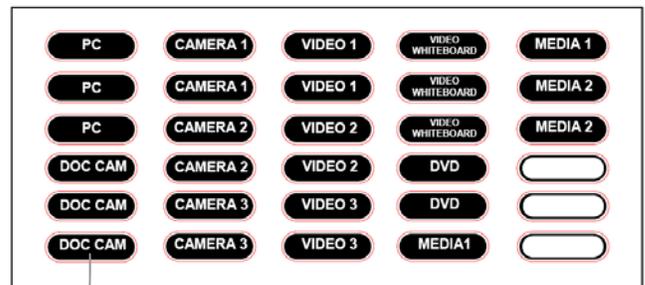
The rear of the PresenterPOD has an RJ-45 jack that is used when the PresenterPOD is mounted on a table and the cable is surface mounted (free).



PresenterPOD Labels:

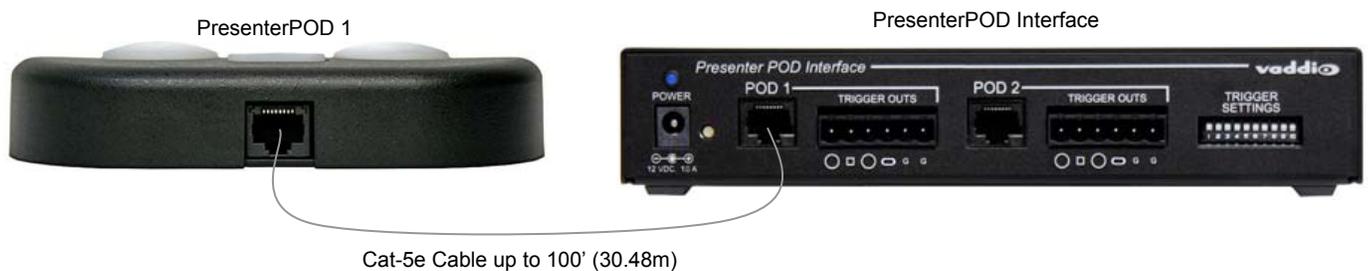
Each PresenterPOD comes with 30 racetrack shaped labels. The labels are approximately .72" x .22" and are designed to fit in the .75" x .23" indentations in the plastic below the two large round buttons. The labels are adhesive backed and can adhere to the surface of the PresenterPOD directly for the other buttons. Out of the 30 labels, there are three blank labels for user labeling.

NOTE: The red line around each label is the cut-line and won't be seen once the label is removed from the backing.



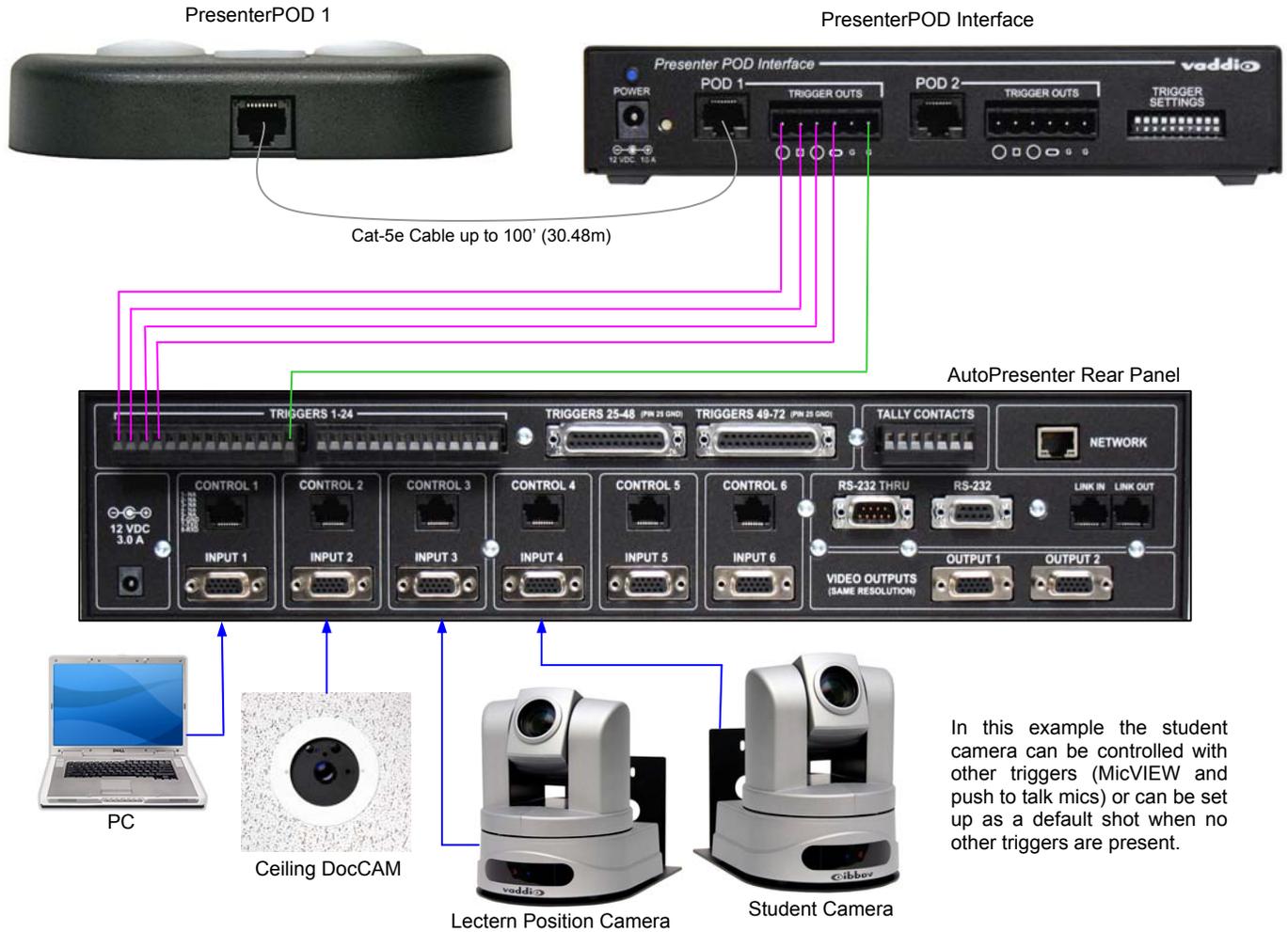
Installation

The PresenterPOD and the PresenterPOD Interface are very easy to install. The base system, consisting of one (1) POD and one (1) Interface are connected with a single Cat-5e cable up to 100' (30.48m) in length. Connect PresenterPOD 1 into POD 1 RJ-45 jack.



Basic System Connectivity Example 1:

Once the PresenterPOD is connected to the PresenterPOD Interface, the triggers can be connected to the device to be activated (AutoPresenter, ControlVIEW XHD, Hot-Shot Preset Camera Controller, ProductionVIEW HD or other control systems). In this example, the Vaddio AutoPresenter is shown below.



In this example the student camera can be controlled with other triggers (MicVIEW and push to talk mics) or can be set up as a default shot when no other triggers are present.

In this example, the functions of the PresenterPOD and Interface and the AutoPresenter presets are called out below. The presenter has a PresenterPOD at the Lectern position and has control over the lectern shot, the PC, the document camera and PIP on/off of the AutoPresenter.

Large Left Round Button:
This button is used to recall the preset in the AutoPresenter that the PC input is assigned. This is a latching input (dip switch down) and will remain lit when touched.

Small Square Button:
This button is used to turn on/off the PIP assigned in the AutoPresenter. The PIP will be assigned as Video Input #3 (lectern position Camera) and is a momentary trigger (dip switch up) from Trigger #2.

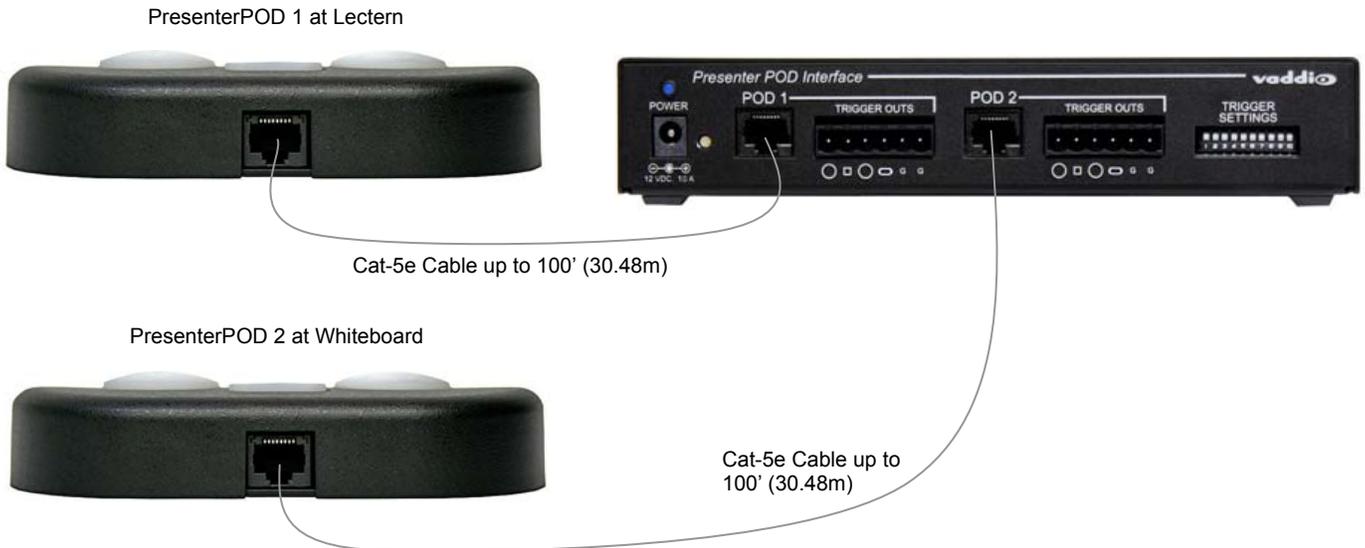


Racetrack Logo Button:
This button is back-lit blue and when triggered, it will turn red. It will be used as a latching trigger (dip switch down) and make the lectern shot the main shot.

Large Right Round Button:
This button is used to recall the preset in the AutoPresenter that the Document Camera input is assigned. This is Trigger #3, a latching trigger input (dip switch down) and will remain lit when touched.

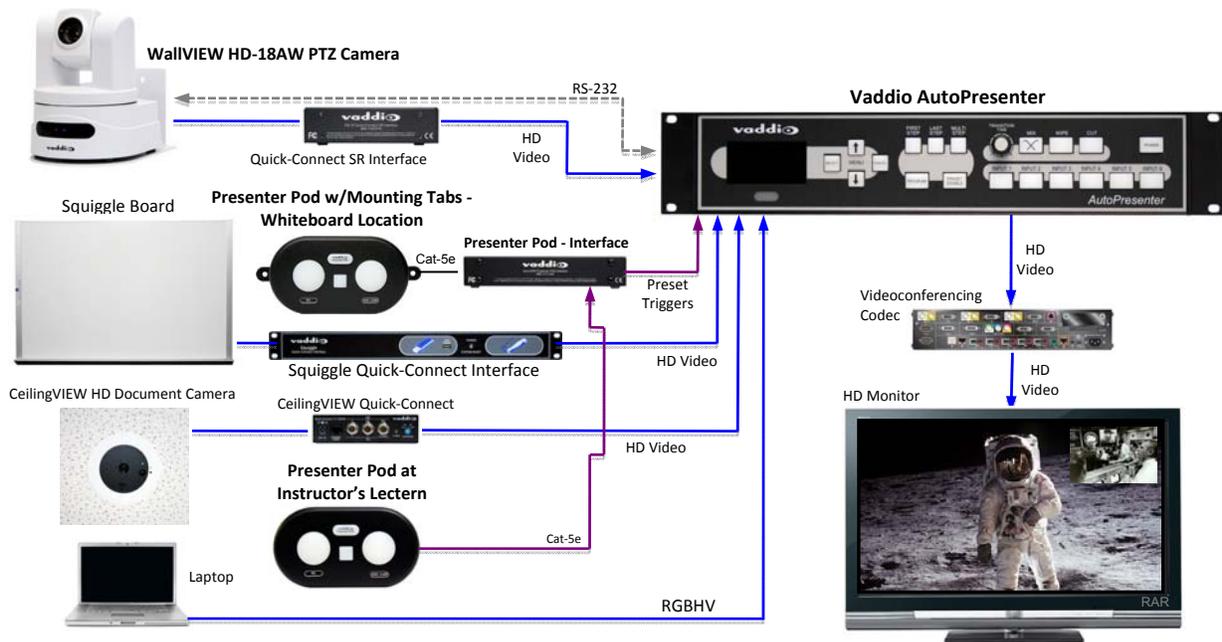
Installation (continued):

Sometimes, one PresenterPOD is just not enough. This is exactly the reason that one (1) PresenterPOD Interface can support two (2) PresenterPODs. The 2-POD System (2nd Pod sold separately) is as easy to connect as the 1st PresenterPOD. Connect PresenterPOD 2 in the POD 2 RJ-45 jack and connect the triggers to the trigger device as noted in the previous example. When using two (2) PresenterPODs, dip switch # 9 ties the logic of the PresenterPODs together in default mode (dip switch down) and they work as one system of eight (8) triggers. By putting switch # 9 up, the pods act independently. When using one input triggering device like AutoPresenter, ControlVIEW XHD Hot-Shot Preset Camera controller for codec, etc) the combined logic is between the PODs is recommended (dip switch #9 down).



Basic System Connectivity Example 2:

This system configuration uses two (2) PresenterPODs and one PresenterPOD Interface to trigger the Vaddio AutoPresenter at two different locations (Video Whiteboard and at the Instructor's Lectern) in a presentation or videoconferencing room.



General Specifications

PresenterPOD System	
Part Numbers	999-1111-000 North America 999-1111-001 International
PresenterPOD Attributes:	<ul style="list-style-type: none"> • Blue back-lit logo button that turns red when triggered • Three (3) manual buttons with blue LED backlights • Two (2) RJ-45 jacks (back and bottom) to connect to the PresenterPOD Interface with one (1) Cat-5e Cable • NOTE: use only one RJ-45 at a time on the PresenterPOD
PresenterPOD Interface:	<ul style="list-style-type: none"> • Each Interface can support two (2) PresenterPODs • Four (4) trigger outputs per POD • Phoenix type connectors for Interface trigger outs • 10 Pos. dip switch assigns triggers (latching or momentary)
Connectivity	Power and Data between Interface and POD on Cat-5e
Labeling	One (1) sheet of 30 adhesive labels provided (both pre-labeled and blanks)
Power Supply	PowerRite 12 VDC, 1.0 Amp
Dimensions	<ul style="list-style-type: none"> • PresenterPod Interface: 1.47" (37.34mm) H x 8" (203.2mm) W x 6" (152.4) D • PresenterPOD: 1" (25.4mm) H x 5.72" (145.29mm) W x 3.21" (81.53mm) D
Weights	<ul style="list-style-type: none"> • PresenterPod Interface: 3.2 lbs (1.45149 kg) • PresenterPOD: 0.65 lbs (0.294835 kg)

Warranty Information: (See Vaddio Warranty, Service and Return Policies posted on vaddio.com for complete details):

Hardware* Warranty: One year limited warranty on all parts. Vaddio warrants this product against defects in materials and workmanship for a period of one year from the day of purchase from Vaddio. If Vaddio receives notice of such defects during the warranty period, they will, at their option, repair or replace products that prove to be defective. Please see Vaddio's Service Terms and Conditions at vaddio.com for specific details and policies.

Exclusions: The above warranty shall not apply to defects resulting from: improper or inadequate maintenance by the customer, customer applied software or interfacing, unauthorized modifications or misuse, operation outside the normal environmental specifications for the product, use of the incorrect power supply, improper extension of the power supply cable or improper site operation and maintenance.

Vaddio Customer Service: Vaddio will test, repair, or replace the product or products without charge if the unit is under warranty and is found to be defective. If the product is out of warranty, Vaddio will test then repair the product or products. The cost of parts and labor charge will be estimated by a technician and confirmed by the customer prior to repair. All components must be returned for testing as a complete unit. Vaddio will not accept responsibility for shipment after it has left the premises.

Vaddio Technical Support: Vaddio technicians will determine and discuss with the customer the criteria for repair costs and/or replacement. Vaddio Technical Support can be contacted through one of the following resources: e-mail support at support@vaddio.com or online at www.vaddio.com.

Return Material Authorization (RMA) Number : Before returning a product for repair or replacement, request an RMA from Vaddio's technical support. Provide a technician with a return phone number, e-mail address, shipping address, and product serial numbers and describe the reason for repairs or returns as well as the date of purchase and proof of purchase. Include your assigned RMA number in all correspondence with Vaddio. Write your assigned RMA number on the outside of the box when returning the product. All products returned for credit are subject to a restocking charge without exception.

Voided Warranty: The warranty does not apply if the original serial number has been removed or if the product has been disassembled or damaged through misuse, accident, modifications, or unauthorized repair. Cutting the power supply cable on the secondary side (low voltage side) to extend the power to the device (camera or controller) voids the warranty for that device.

Shipping and Handling: Vaddio will not pay for inbound shipping transportation or insurance charges or accept any responsibility for laws and ordinances from inbound transit. Vaddio will pay for outbound shipping, transportation, and insurance charges for all items under warranty but will not assume responsibility for loss and/or damage by the outbound freight carrier.

• If the return shipment appears damaged, retain the original boxes and packing material for inspection by the carrier. Contact your carrier immediately.

Products Not Under Warranty: Payment arrangements are required before outbound shipment for all out of warranty products.

*Vaddio manufactures its hardware products from parts and components that are new or equivalent to new in accordance with industry standard practices.

Care and Cleaning

- Do not spill liquids in the product
- Keep this device away from food and liquid
- For smears or smudges on the product, wipe with a clean, soft cloth
- Do not use any abrasive chemicals.

Operating and Storage Conditions:

Do not store or operate the device under the following conditions:

- Temperatures above 40°C (104°F) or temperatures below 0°C (32°F)
- High humidity, condensing or wet environments
- In inclement weather or under severe vibration
- In swimming pools, waterfalls, outer space, bear caves or eagle's nest
- Dry environments with an excess of static discharge

Compliance and CE Declaration of Conformity - PresenterPOD System

Compliance testing was performed to the following regulations:

- **FCC Part 15, Subpart B**
- **ICES-003, Issue 4: 2004**
- **European Standard EN 55022 A: 2006 + A1: 2007(CISPR 22:2005/A1:2005)**
- **AS/NZS CISPR 22: 2009**
- **VCCI V-3/2010.04**
- **EMC Directive 2004/108/EC**

- Class A



FCC Part 15 Compliance

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his/her own expense.

Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference including interference that may cause undesired operation of the device. Changes or modifications not expressly approved by Vaddio can affect emission compliance and could void the user's authority to operate this equipment.



ICES-003 Compliance

This digital apparatus does not exceed the Class A limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de la classe A prescrites dans le Règlement sur le brouillage radioélectrique édicté par le ministère des Communications du Canada.



European Compliance

This product has been evaluated for Electromagnetic Compatibility under the EMC Directive for Emissions and Immunity and meets the requirements for a Class A digital device. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

Standard(s) To Which Conformity Is Declared:

EMC Directive 2004/108/EC

EN 55022: 2006 + A1: 2007 (CISPR 22:2005/A1:2005)

EN 55024: 1998 + Amendments A1: 2001 + A2: 2003

- EN 61000-4-2: 1995 + Amendments A1: 1998 + A2: 2001
- EN 61000-4-3: 2006 + A1: 2008
- EN 61000-4-4: 2004 + Corrigendum 2006
- EN 61000-4-5: 2006
- EN 61000-4-6: 2009
- EN 61000-4-8: 2010
- EN 61000-4-11: Second Edition: 2004

Conducted and Radiated Emissions

Immunity

Electrostatic Discharge

Radiated Immunity

Electrical Fast Transients

Surge Immunity

Conducted Immunity

Power Frequency Magnetic Field

Voltage Dips, Interrupts and Fluctuations



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