INSTALLATION GUIDE

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Products Covered By This Installation Guide

The TA-3360 MediaHub UHD is a compact media panel which is compatible with a wide range of hospitality TV entertainment systems.

The TA-3360 provides an HDMI input, a 3.5mm audio input, Bluetooth for audio and two USB sockets at the front, both of which are capable of charging up to 5V at 2.4A.

On the rear there is a DC connector for power to the TA-3360, an HDMI output and a micro-connector for future use.

What Is Included In The Box

1X MediaHub UHD Clip In Module

  (pre- assembled)

1X MediaHub UHD Faceplate (pre- assembled)

1X Clip In Carrier (pre- assembled)

1X 5V 5A Power Adaptor (mains cable not included in box, see note below).

1X Black Trim

2X Metallic Trim

Note: *In addition to the items included in the box a 2 metre IEC 60320 C7 mains cable with a mains plug suitable for the country in which the MediaHub UHD is to be installed will be provided separately.*

Important Safety Instructions

Read these instructions carefully before attempting any installation. Follow all instructions and heed all warnings. These instructions should be kept for future reference.

1 This equipment must be securely attached to furniture in strict accordance with these installation instructions.

2 This equipment is designed for indoor use only.

3 Only use with attachments and accessories as specified by the manufacturer, including but not limited to the PSU and mains cable.

4 The mains plug used to disconnect this equipment from its power source must be readily accessible at all times.

5 The PSU should be installed in a serviceable location such that in the event of failure it can be easily replaced.

6 Ensure the mains power cord is uncoiled before installation.

7 The PSU will generate heat and should therefore be installed in a well ventilated location. Failure to provide adequate ventilation will mean the PSU will run hot and its operational life may be reduced.

8 Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles and the point where they exit from the equipment.

9 Clean only with a dry cloth.

10 Refer all servicing to qualified service personnel. Servicing is required when the equipment has been damaged in any way, for example if the power supply plug or cord is damaged, liquid has been spilled or objects have fallen into the equipment, the equipment has been exposed to rain or moisture, does not operate normally or has been dropped or damaged.

11 Unplug this equipment during lightning storms or when unused for long periods of time.

12 Do **NOT** modify this equipment in any way, doing so may invalidate any statutory approvals and/or warranty.

13 Do **NOT** install or use this equipment near water.

14 Do **NOT** expose this apparatus to rain or moisture.

15 Do **NOT** expose to dripping or splashing. No objects filled with liquid such as vases shall be placed on the equipment.

16 Do **NOT** install near any heat sources such as radiators, convection heaters or other apparatus such as amplifiers that produce heat.

Preparation For Installation

The MediaHub UHD is designed to be installed in furniture.

Ensure the location chosen for the equipment complies with the requirements of the "Important Safety Instructions" on pages 3 and 4 of this guide.

A cutout will need to be made in the furniture. Other than this the only tool you will need is a medium sized cross head screwdriver.

Cutout dimensions are given in the "Installation" section of this guide.

In addition to the items supplied with the MediaHub UHD you will also need:

 • an HDMI cable (see HDMI Cables below).

The power supply (PSU) requires a standard mains outlet which is easily accessible in the event that the PSU needs to be disconnected from the mains. The PSU itself must be also be sited such that it is easily accessible and can be readily serviced or replaced in the event of failure. The DC cable from the PSU is 1.8 metres long. It must not be extended as this could affect product performance and will invalidate warranty and product approval. The PSU should be in a ventilated space to avoid a build up of heat which can reduce PSU life.

TVs and System Integrators

Before installation you should be satisfied that the TV model selected and/or system integrator is configured to work with the MediaHub UHD and that all necessary control mechanisms (ie CEC) and cabling are defined and in place. You can find more information about this in the "Additional Information" section, or contact TeleAdapt for help and advice (see contact details).

HDMI Cables

It is recommended to use certified High Speed HDMI cables as a minimum with MediaHub UHD. If you plan to use 4K, especially with higher frame rates, HDR or expanded colour spaces then you should use certified Premium High Speed HDMI cables instead.

Please contact TeleAdapt (see Contact Details) about a range of suitable cables and right angled adaptors for use if rear space is restricted.
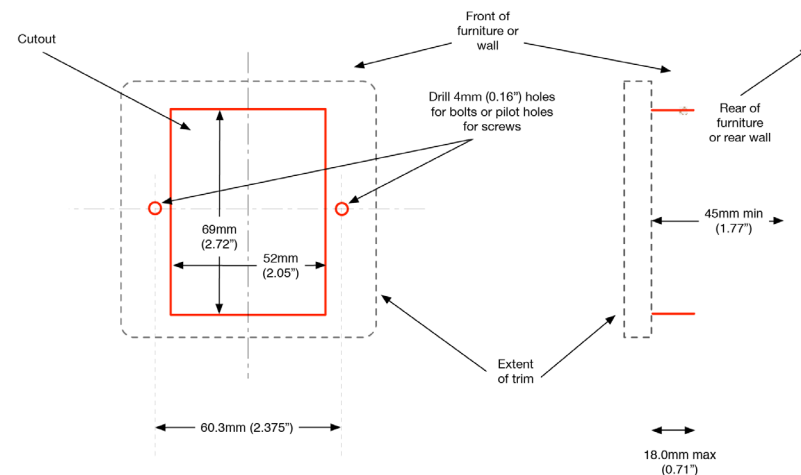
Installation

Before starting installation make sure you have read and understood the "Important Safety instructions" and the "Preparation for Installation" sections. These instructions assume you are using the supplied clip-in carrier. MediaHub UHD is compatible with many other clip-in solutions that support the 'Euro Clip' standard.

Step 1
Confirm the furniture cutout dimension to accommodate the MediaHub UHD is within the limits shown on page 7. Note that in addition to the minimum depth requirement of 45mm (1.77 in) assumes use of a right angled adaptor, otherwise additional rear clearance may be needed.

Step 2

Ensure HDMI and DC power are presented at the cutout and that you have sufficient slack to allow connection to the rear connectors on MediaHub UHD main unit. Ensure the PSU is NOT plugged into the mains at this point.

MediaHub UHD - Furniture Cutout Dimensions

IMPORTANT NOTE: The PSU must be sited such that it is easily accessible and can be readily serviced or replaced in the event of failure. The DC cable from the PSU is 1.8 metres long. It must not be extended as this could affect product performance and will invalidate warranty and product approval. The mains plug for the PSU should be easily accessible so it can be removed should it be necessary to isolate the PSU from the mains supply.

Step 3

Remove the MediaHub UHD clip assembly, trims and PSU from the box.

Step 4

Connect the HDMI cable from the TV to the HDMI socket on the rear of the MediaHub UHD assembly.

Step 5

Ensure that the PSU is NOT plugged into the mains. Next plug the right-angled DC connector from the PSU into the matching connector on the rear of the MediaHub UHD assembly.

Step 6

Use cable ties (supplied) to anchor the HDMI and PSU cables to the securing points provided at the top and bottom of the rear holding of the MediaHub UHD clip in module.

Step 7

Carefully rotate the MediaHub UHD assembly into the prepared cutout ensuring that the rear cables are not snagged, pinched or deformed. Fix the MediaHub UHD assembly to the furniture using either the wood screws or the bolts, washers and nuts provided. Take care that the screws or bolts do not damage the cables. Ensure the MediaHub UHD is straight and flush fitting.

Step 8

Snap on the desired trim (Black or Metallic) ensuring the cutouts to allow the trim to be released are on the bottom.

Step 9

Mains power can now be applied to the PSU.

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Federal Communication Commission Interference Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Re orient or relocate the receiving antenna.
- Increase these paration between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Additional Information

HDMI Input

The HDMI input on the MediaHub UHD is suitable for connecting a range of HDMI sources. The resolutions supported will be determined by the TV but cannot exceed 2160p60. The MediaHub UHD does not explicitly support 3D formats although, depending upon the TV, 3D side-by-side and 3D top-and-bottom signals may be supported. 3D frame-packing is not supported.
The HDMI input will generate an auto-switch event when it detects +5V from the HDMI source (when a source is plugged in). CEC from the source device is not supported by the MediaHub UHD nor is it passed to the TV. The prevents undesirable side effects that could otherwise be introduced by guest devices.

Bluetooth

The MediaHub UHD supports Bluetooth audio streaming using A2DP. This profile is commonly supported by most smart phones, tablets and laptops and will allow audio files to be streamed and played back via the MediaHub UHD to the TV.
To initiate pairing press the Bluetooth button for about 3 seconds, the button will flash slowly. Under the Bluetooth settings on the mobile device or laptop look for a device called "MediaHub" and connect to it. You may be asked to enter a PIN code which is displayed on the TV screen.

Audio Input

Connect an audio source and select play. The MediaHub UHD detects audio using a sampling algorithm to ensure the volume is set high enough on the source device. Because of the sampling algorithm there may be a short delay in detecting absence and presence of audio sources.

USB Charging

Both USB ports are configured for high current charging and are suitable for charging with most mobile phones and tablets.

Removing MediaHub UHD from Furniture

If you need to remove the equipment for any reason please use the following instructions.

1. First ensure the PSU is disconnected from the mains power source.
2. Carefully use a medium flat blade screwdriver to release 2 clips on the bottom of the trim.
3. The trim can now be gentlyr emoved by hand. Be careful not to bend the trim excessively or it may deform or break.
4. Unscrew the 2 screws or bolts and carefully withdraw the unit from the furniture being sure not to damage any cables.
5. Cut any cable-ties securing the cables to the main unit then disconnect the rear cables to release the MediaHub UHD assembly.

Frequently Asked Questions

Connecting Mobile Devices for Media Playback

Q   Which mobile devices can I connect to the MediaHub UHD?

A   Any mobile device with an HDMI output, or any mobile device that has an HDMI output adapter (for example Apple iPhones and iPads support HDMI output using the optional "Digital AV Adapter" available at the Apple Store).

Q   My laptop does not have an HDMI port. How do I connect?

A   Adapters are available to convert VGA to HDMI, Displayport to HDMI, and Mini Displayport to HDMI. Contact TeleAdapt to purchase one of these adapters if you do not already have one.

Q   How does the Bluetooth feature work?

A   Any mobile device that has Bluetooth Audio (almost all phones, and tablets) can be simply paired with the MediaHub UHD, and once paired all audio selections will play wirelessly through the MediaHub UHD to the TV speakers.

Q   How do I pair the Bluetooth on my phone with the MediaHub UHD?

A   This works just like Bluetooth headsets, Bluetooth speakers, and automobile hands free Bluetooth pairing. Press the Bluetooth button on the MediaHub UHD to put the MediaHub UHD into pairing mode (the blue light will blink). Now enter the Bluetooth menu on your phone or tablet and find "MediaHub" in the list of Bluetooth devices. Click on "MediaHub" and wait for the pairing to complete. When complete the light on the MediaHub will turn solid blue indicating your device is paired.

Connecting Mobile Devices for Charging

Q   Which devices can I charge on the MediaHub UHD?

A   Any mobile device or accessory that charges from a "standard" USB port will charge.

Q   How much power does the USB port with a single lightning bolt supply?

A   2.4amps at 5 volts. This a high-current port, which is ideal for providing a faster charge to most smart phones and many tablet computers.

Q   How much power does the USB port with two lightning bolts supply?

A   2.1amps at 5 volts. This a high-current port, which is ideal for providing a faster charge to most smart phones and many tablet computers.

Connecting the MediaHub UHD to the TV

Q   What is automatic input switching?

A   It's when you connect an audio or video device to the MediaHub UHD and the TV automatically switches from the TV channel to the connected device - and also switches back to the TV channel when the device is disconnected.

Q   What is CEC?

A   CEC stands for Consumer Electronics Control. It is a feature that is available on most newer TVs. MediaHub UHD works with this CEC feature to automatically switch the inputs on the TV. The autoswitching controls happen over the HDMI cable connection (no extra control cable required).

Q Does my TV support CEC?

A The TV specification should list whether CEC is supported or not. However many manufacturers do not refer to CEC directly but may instead use a brand name. Examples are AnyNet+, SimpLink, VieraLink, EasyLink, Bravia Sync, HDMI-CEC or Aquos Link. This list is not exhaustive so it is worth checking with your TV manufacturer if you are not sure. If the TV is HTNG CEC compliant then this to is sufficient.

Q What if my TV does not support CEC, but I really want automatic input switching?

A Depending on the model of TV - there may be other control ports for automatic input switching that can be utilised. Contact TeleAdapt to find out the control options available for your TV model.

Q What cable connections are required to use MediaHub UHD?

A Just an HDMI cable from MediaHub UHD to the TV and a Power Supply connection to a standard wall outlet.

Q Does it matter which HDMI input I use for the MediaHub UHD?

A If using 4K then make sure the input you use on the TV supports higher resolutions. The MediaHub UHD will recognise which HDMI it is connected to and switch the input to which ever HDMI port is used.

Troubleshooting

Q My TV says it has the CEC feature, but the input is not automatically switching?

A CEC is a feature that can be turned on, or off, in the TVs configuration. Please contact your TV company or TeleAdapt for help for accessing the feature in the menu.

Q The MediaHub UHD does not seem to be responding.

A Confirm there is a good power connection to the MediaHub UHD.

Q When I plug a device into the MediaHub the input on the TV automatically switches, but when I unplug the device the TV does not switch back automatically?

A Some TV models have implemented the CEC feature for switching to the HDMI port, but not for switching back to the TV channel. Please check with TeleAdapt which TV models are support the feature fully.

Warranty

WARRANTY: Please see TeleAdapt "Sales Terms & Conditions" which are available at http://www.teleadapt.com/teleadapt/sales-terms-conditions.html

Specifications

Dimensions

Unit External (H x W x D):	86.0mm x 86.0mm x 39.7mm
Mounting Depth (minimum):	45.00mm from furniture face with right angled HDMI adaptor.
Packaging (H x W x D):	180.0mm x 180.0mm x 40.0mm

Environment

Storage Temperature:	-20 deg C to +60 deg C
Operating Temperature:	0 deg C to 35 deg C
Storage Relative Humidity:	5% to 95% non-condensing
Operating Relative Humidity:	20% to 90% non-condensing

Power Requirements

PSU Mains Input Voltage:	100-240VAC
PSU Mains Input Frequency:	47Hz-63Hz

Guest Interfaces

HDMI Input:	Type A socket, HDMI 2.0 Max resolution 2160p60
Audio Input:	3.5mm jack socket for L/R audio
Bluetooth Button:	Non-latching with LED
USB Interfaces:	2 x USB Type A Socket, Charging Only, 2.4A

System Interfaces

HDMI Output:	Type A socket, HDMI 2.0 Max resolution 2160p60
DC Power:	5.5x2.1mm barrel connector / 5V, 5.0A DC

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For information on other TeleAdapt products designed for the hospitality industry, including specification and cut sheet downloads, please visit our website at:
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