

TeleAdapt Roomcast TA-2400 Installation Guide

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Revision	Date	Changes
1.0	10th November 2016	Initial issue
1.1	31st May 21017	Updated Approval Information. Changed RoomCast to Roomcast.
1.2	13th July 2017	Additional Approval Information
1.3	28th December 2017	Dial pairing instructions updated

Products Covered By This Installation Guide

This installation guide covers the TeleAdapt Roomcast, TA-2400. Roomcast brings video and audio streaming to hotel guest rooms and is based on Google Chromecast technology.



TA-2400 - Roomcast

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.
	This equipment must be installed in strict accordance with these instructions.
	This equipment is designed for indoor use only.
	Only use with attachments and accessories as specified by the manufacturer.
	The mains plug used to disconnect this equipment from its power source must be readily accessible at all times.
	Ensure the power cord is uncoiled before installation.
	Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles and the point where they exit from the equipment.
	Clean only with a dry cloth.
	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.
	Unplug this equipment during lightning storms or when unused for long periods of time.

	Do NOT install or use this equipment near water.
	Do NOT expose this apparatus to rain or moisture.
	Do NOT expose to dripping or splashing. No objects filled with liquid such as vases shall be placed on the equipment.
	Do NOT install near any heat sources such as radiators, convection heaters or other apparatus such as amplifiers that produce heat.

Approval Information

EMC Directive 2014/30/EU

- EN 55022:2010+AC:2011
- EN 55024:2010
- EN 55032:2012+AC:2013
- EN 61000-3-2:2014; EN 61000-3-3:2013
- IEC 61000-4-2 ed2.0 (2008-12); IEC 61000-4-3 ed3.2 Consol. with am1&2 (2010-04) IEC 61000-4-4 ed3.0 (2012-04); IEC 61000-4-5 ed3.0 (2014-05); IEC 61000-4-6 ed4.0 (2013-10) IEC 61000-4-8 ed2.0 (2009-09); IEC 61000-4-11 ed2.0 (2004-03)

RE Directive 2014/53/EU

- ETSI EN 301 489-1 V2.2.0 Draft (2017-03)
- ETSI EN 301 489-17 V3.2.0 Draft (2017-03)
- ETSI EN 300 328 (V2.1.1: 2016)

FCC

- FCC CFR 47 SUBPARTS 15B, 15C

Safety

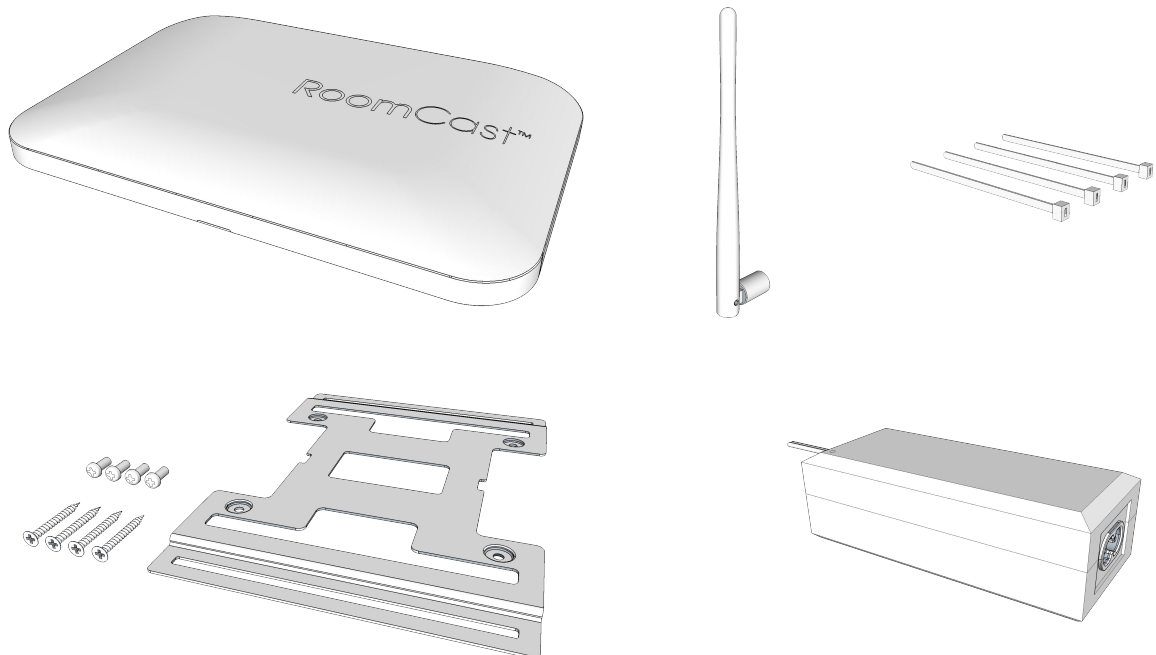
- UL 60950-1 and CSA C22.2 No. 60950-1-07
- EN 60950

Energy Efficiency

- Level VI

What Is Included In The Box

Quantity	Item
1	Roomcast main unit
1	Antenna
1	Wall/under-desk bracket
4	M4 x 5mm screws
4	25mm wood screws
1	PSU
4	Cable ties
1	Velcro adhesive strip
1	Installation guide

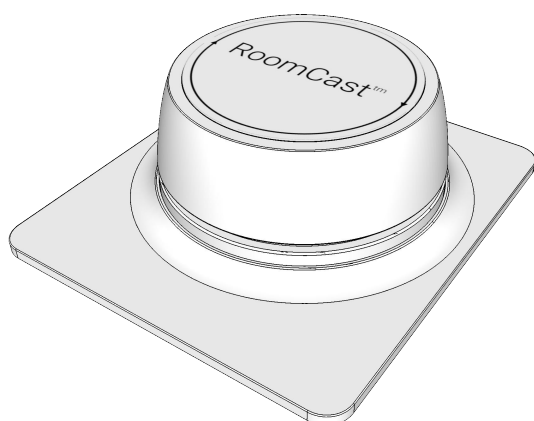


In addition you will also need :

- an IEC C7 mains cable for your country,
- an HDMI cable,
- an Ethernet cable.

Finally you will need a remote control, there are three options :

- Roomcast Dial (TA-2401),
- Roomcast Push Button Remote (TA-2402),
- TV remote¹.



TA-2401 and TA-2402

¹ In order to use the TV remote all of the following conditions have to be met:

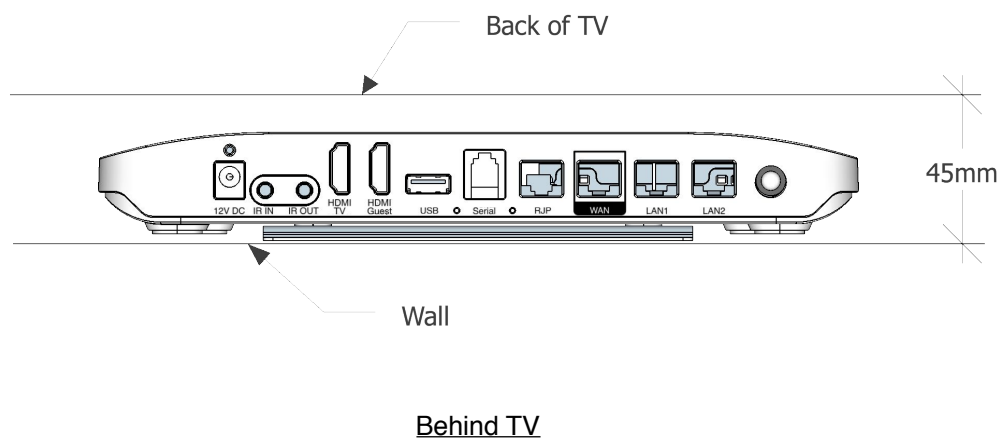
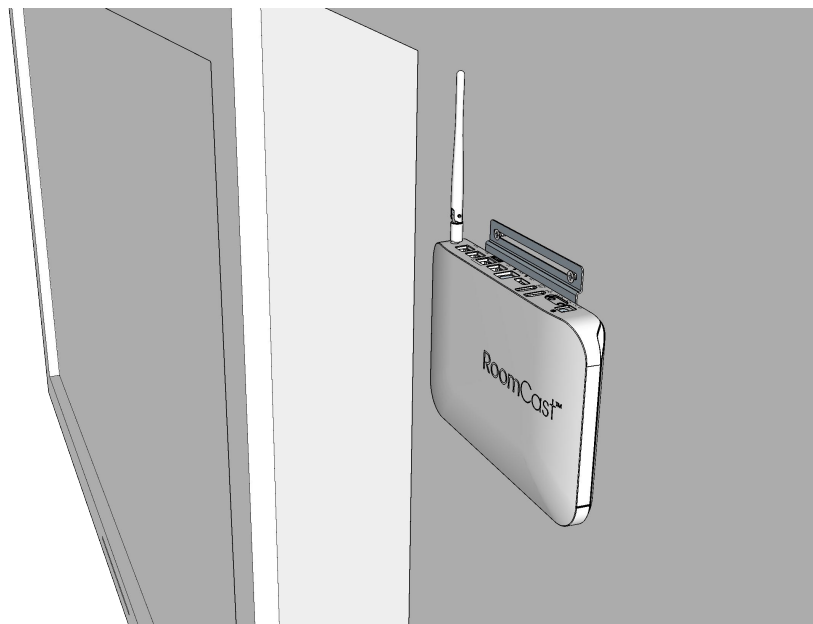
- the TV must support HDMI-CEC with Remote Control Passthrough, and
- Roomcast must be configured to use HDMI-CEC, and
- the TV remote must be the original remote supplied by the TV manufacturer. 3rd party remotes are not compatible.

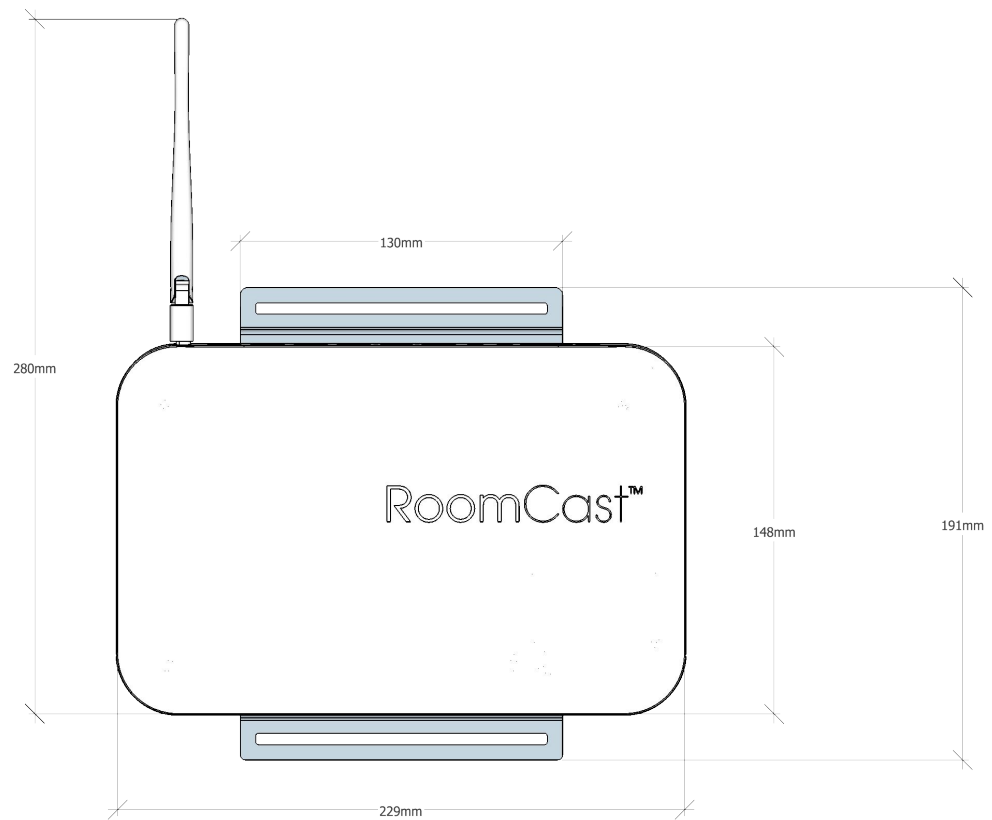
Preparation For Installation

Location

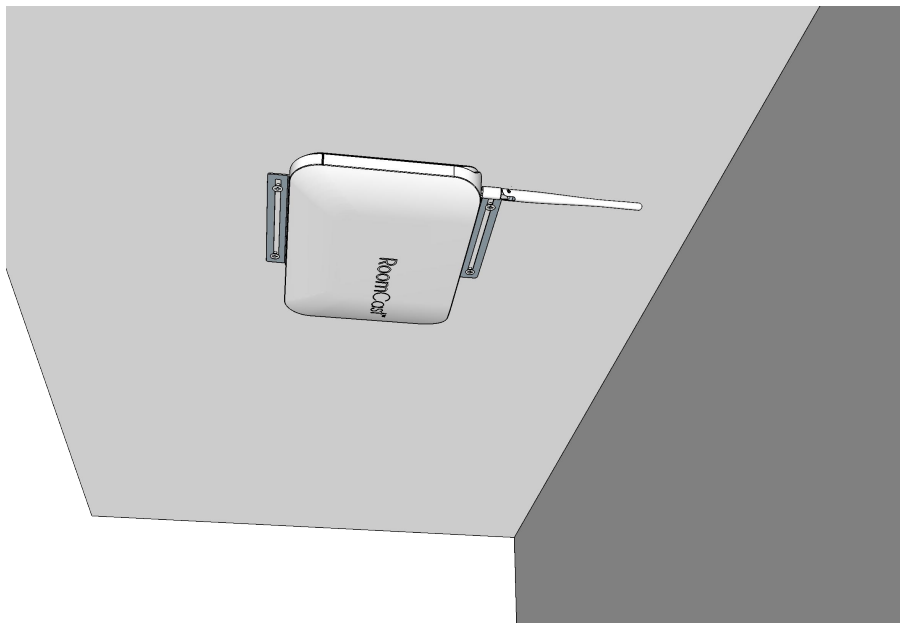
Roomcast can be installed in a range of locations. Typically it would be installed either behind the TV or under a desk.

If installing behind the TV ensure there is at least 45mm (1.75") clearance between the wall and the rear of the TV.





Overall Dimensions



Under Desk Mount

Services

Roomcast requires :

- a mains outlet,
- an HDMI input on the TV,
- an Ethernet connection with Internet access².

Tools

You will need :

- a crosshead screwdriver to attach the bracket to the Roomcast and to attach the bracket to the wall or under the desk,
- cutters to trim the cable ties.

Additional tools may be required if you need to drill holes in the wall/desk or if you need to remove the TV from the wall.

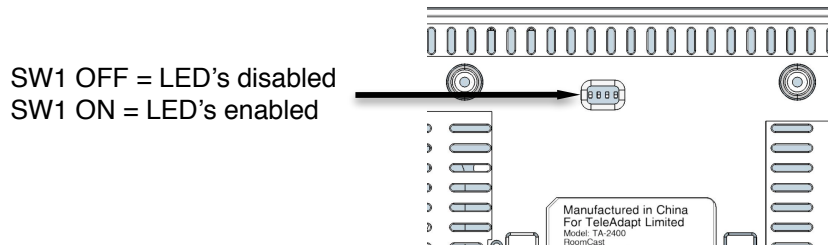
² Other connectivity options may be available, please contact TeleAdapt for further information.

Installation

Before starting the installation make sure you have read and understood the “Important Safety instructions”.

Step 1

Set the DIP switches. Only SW1 is read by Roomcast.



Step 2

Attach the bracket to the main unit with the 4 M3 screws.

Step 3

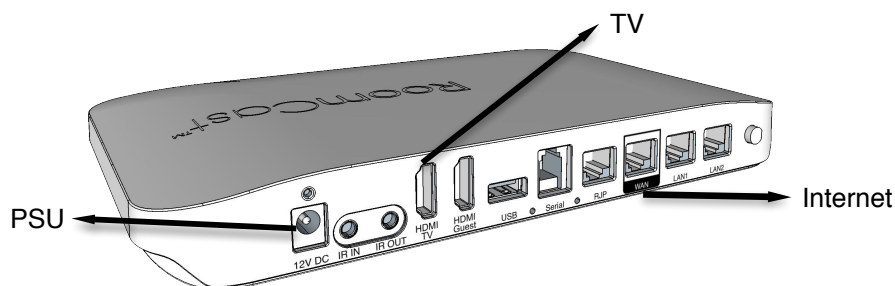
Carefully mount bracket and main unit on wall or under the desk using the wood screws provided. You only need 2 screws to hang the wall mount, however for under-desk use all 4 screws.

Step 4

Locate the power supply using the Velcro adhesive strip.

Step 5

Attach Internet (WAN), TV (HDMI TV) and PSU (12V DC) to the Roomcast.



Step 6

Tidy up and secure cables with the supplied cable ties.

Step 7

Attach the antenna to the main unit and adjust.

Step 8

Apply mains power to the PSU.

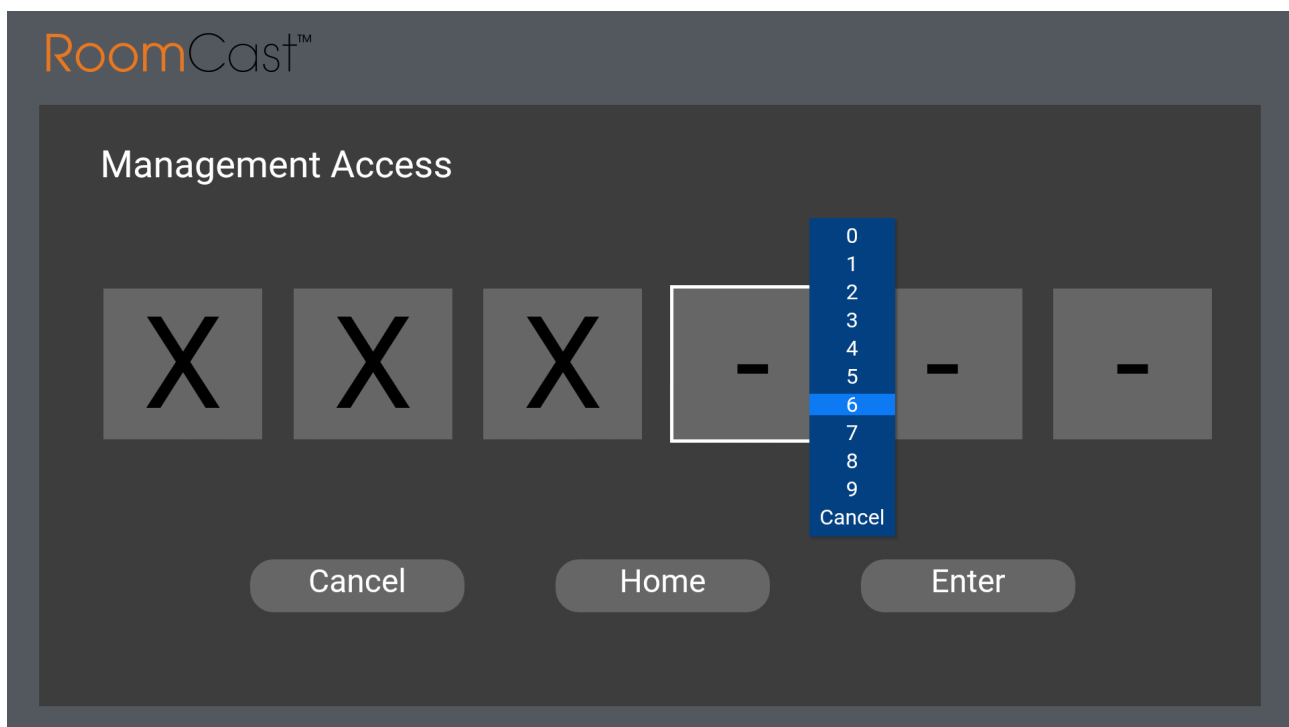
Configuration

Remote

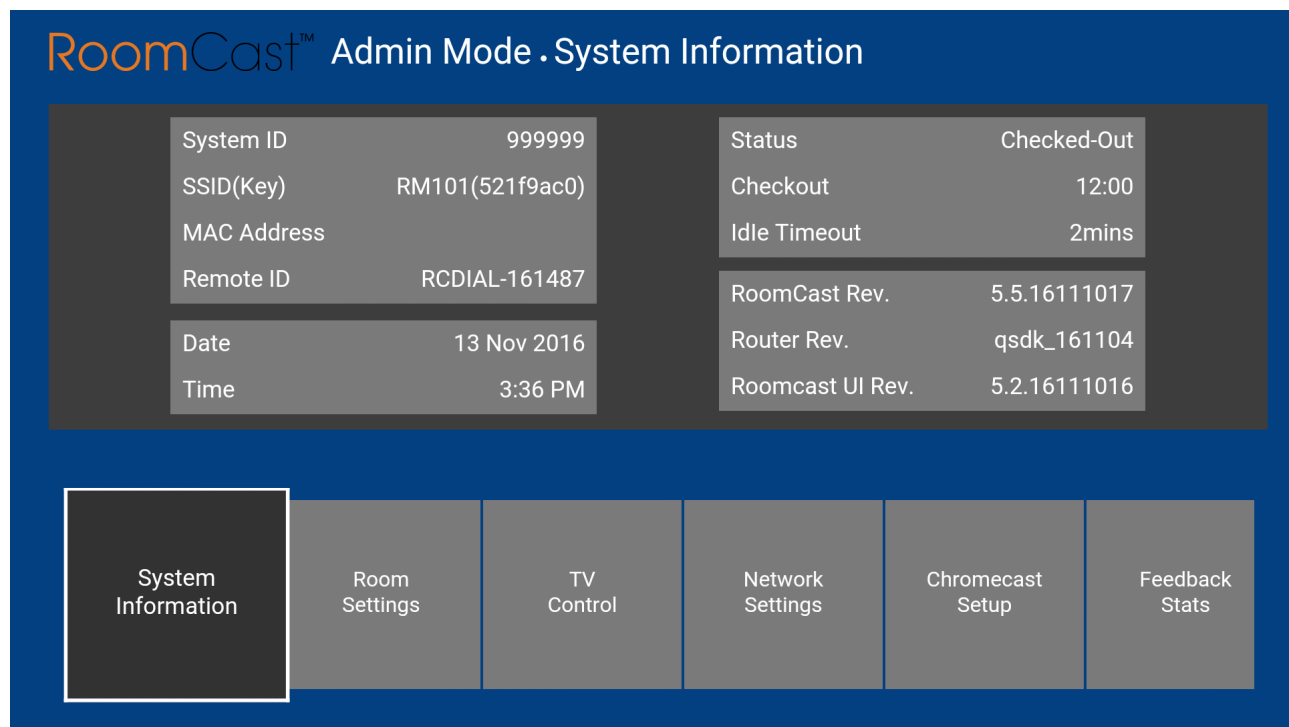
See separate guides for setup information on the Dial and Push Button remotes that are available for Roomcast.

Admin Mode

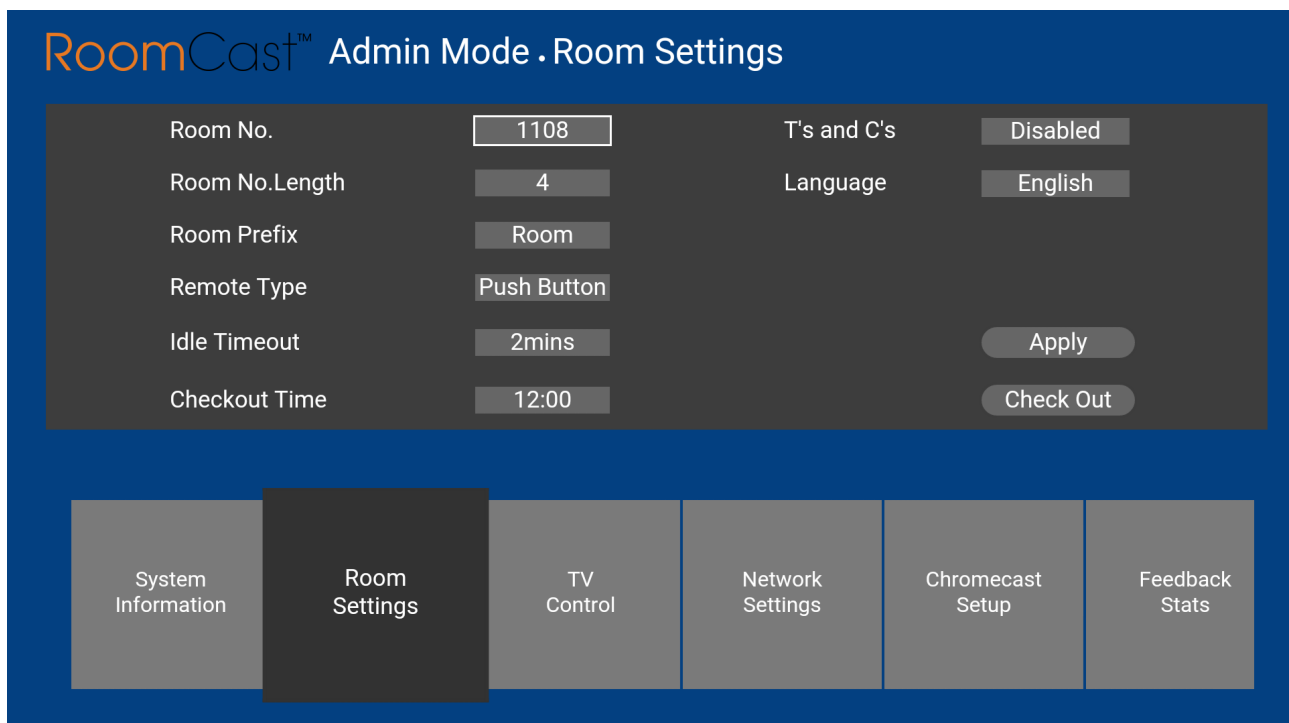
Roomcast can be configured using Admin mode. To access Admin mode go About/Feedback and select feedback level "Struggled" twice within 20 seconds. You will be presented with a screen requesting a PIN code. The default PIN code for Admin access is 843646.



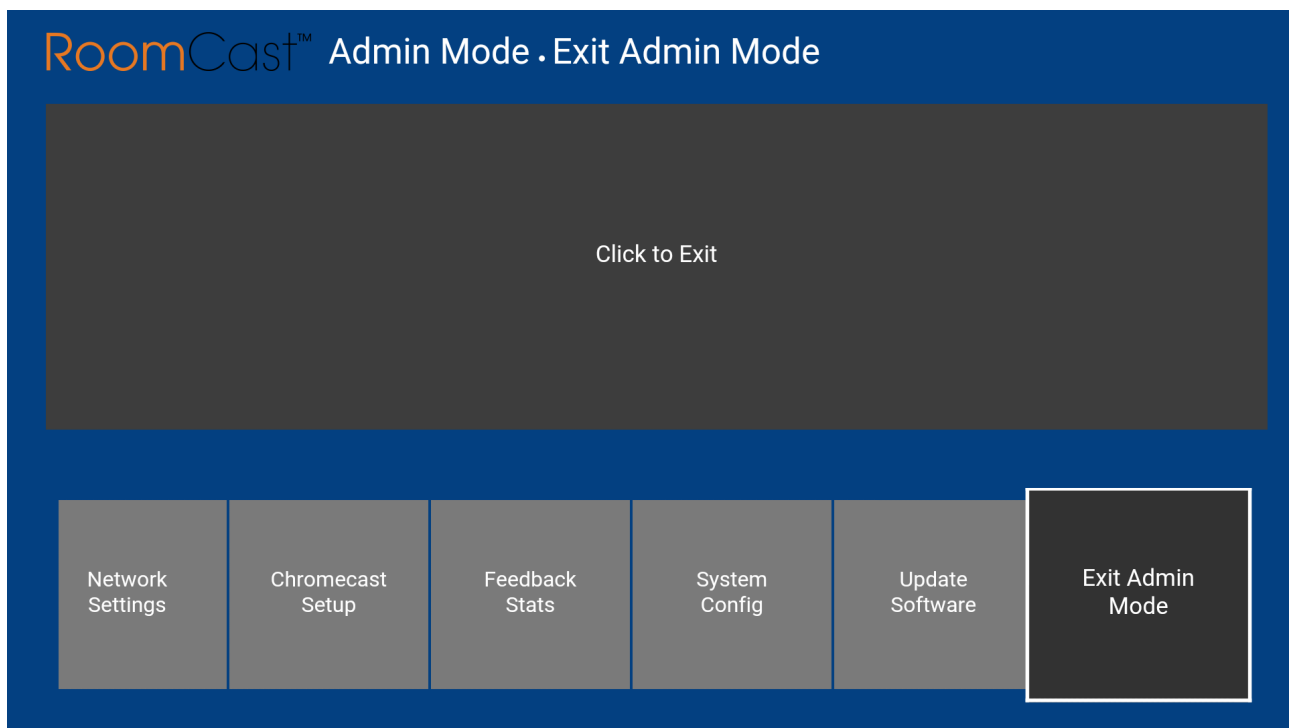
When the PIN is entered correctly you should see a screen similar to that shown below.



Under Room Settings configure the room number plus any other settings you need to change and then click 'Apply'.



Scroll to “Exit Admin Mode” and click to exit.

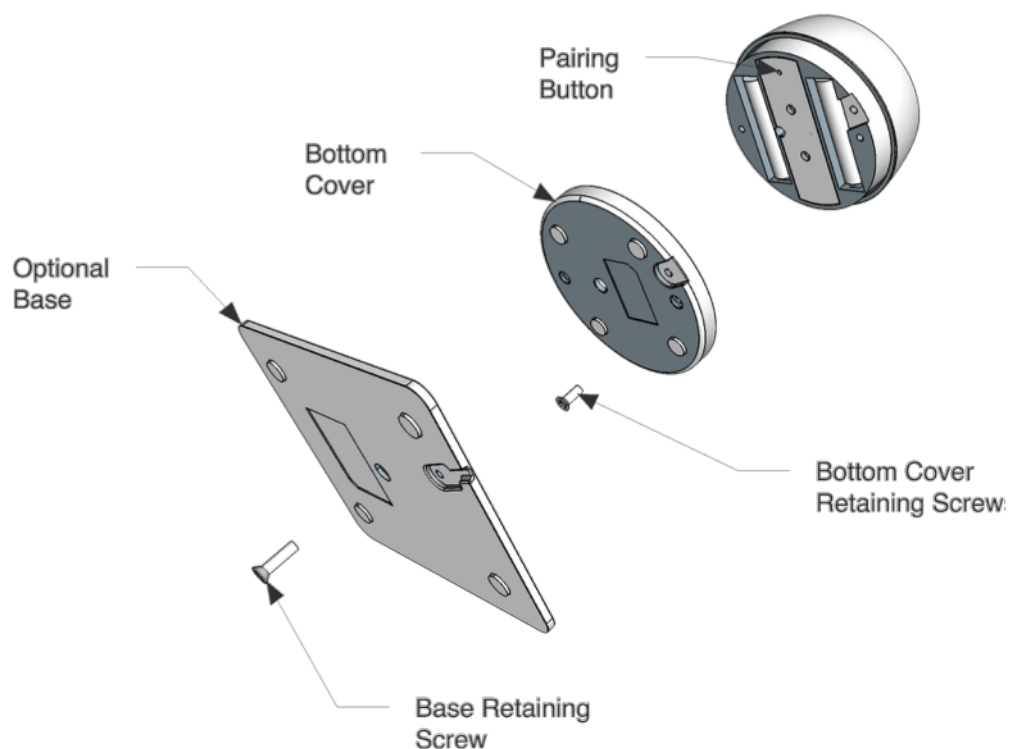


Roomcast is now ready to use.


Additional Information

Pairing - Dial

1. Make sure the Roomcast is powered on.
2. If the dial is attached to a base, then remove the base retaining screw to detach the base.
3. The pairing button can be reached with a paperclip inserted in the small pinhole in the base of the Dial.
4. Hold the Dial within 30cm of the Roomcast main unit and depress the pairing button, the LED ring will flash then stay on when paired.
5. Release the pairing button. The Dial will now be paired with the Roomcast main unit.
6. Re-attach the base if required.



Pairing - Push Button Remote

1. Make sure the Roomcast is powered on.
2. Hold the remote within 30cm of the Roomcast main unit and depress Select and  buttons simultaneously for 5 seconds, the LED should blink rapidly.
3. Release both buttons and the LED should stay on briefly.
4. Check the remote is working correctly.


TV Compatibility

1. When using CEC on Samsung 4K models, please ensure Roomcast is NOT connected to HDMI1 of these TVs. On HD models any HDMI port can be used.
2. When using CEC on LG TV models up to and including 2015, ensure the TV Control/Method is set to HDMI-CEC-LA14. For 2016 models and after use the default HDMI-CEC setting.

Using the TV Manufacturers Remote Control with HDMI-CEC Remote Control Passthrough

Note in order to use the TV remote all of the following conditions have to be met:

1. the TV must support HDMI-CEC with Remote Control Passthrough, and
2. Roomcast must be configured to use HDMI-CEC, and
3. the TV remote must be the original remote supplied by the TV manufacturer. 3rd party remotes are not compatible.

If using the TV manufacturers remote control with HDMI-CEC Remote Control Passthrough, then to view the Roomcast you will need to use the  (source) button on the TV remote to select the HDMI input that Roomcast is connected to.

Then use the left, right and OK keys to navigate.

Warranty

Please see TeleAdapt “Sales Terms & Conditions” which are available at <http://www.teleadapt.com/teleadapt/sales-terms-conditions.html>

Legal

Google Chromecast, Google Chrome and Android are trademarks of Google Inc.
Roomcast is a trademark of TeleAdapt Ltd.
All other trademarks are acknowledged as the property of their respective owners.

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