

# HUMAX VISION



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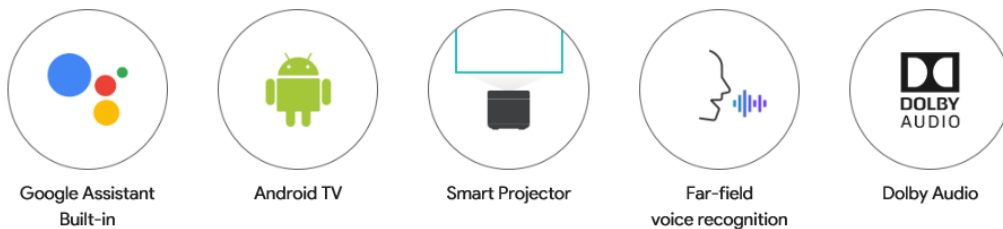
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## Introducing HUMAX VISION

HUMAX VISION with ultra-short throw interactive projector makes your space special. It turns your blank wall into a big cinema screen or a wonderful picture, and even displays personal board such as your schedules, weather, notification and more.



HUMAX VISION is a new type of smart assistant device that provides rich sound with Google Assistant and enhances your viewing experience through ultra-short throw projector with built-in Android TV. It's small but powerful enough to use as smart speaker and Android TV at once.



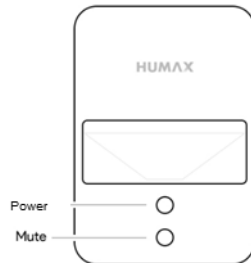
## Product Distance for Installation

HUMAX VISION can be placed in the TV cabinet with the size adjusted to make the product fit; it only needs to be placed at least 20 inches away from the wall in order to deliver big screen projection. You also can use the thumb-wheel to focus the lens for fine-tuning.



## Exterior and Accessories

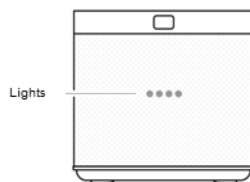
HUMAX VISION offers LED Lights and buttons in combination with a simple, intuitive design.



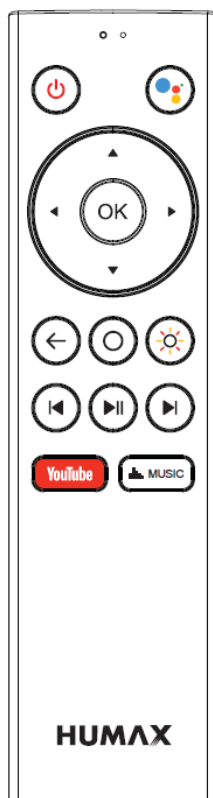
**Power:** Short-press to turn on or off the screen projection. After turning off the screen projection, you can use as AI speaker only. Press and hold to switch to deep-sleep mode.

**Mic. Mute:** Turns on or off the microphone for voice input.

**Focus Wheel:** Focuses the screen projection. (side)



Lights will be operated following the rules of Google's visual indicator requirements.

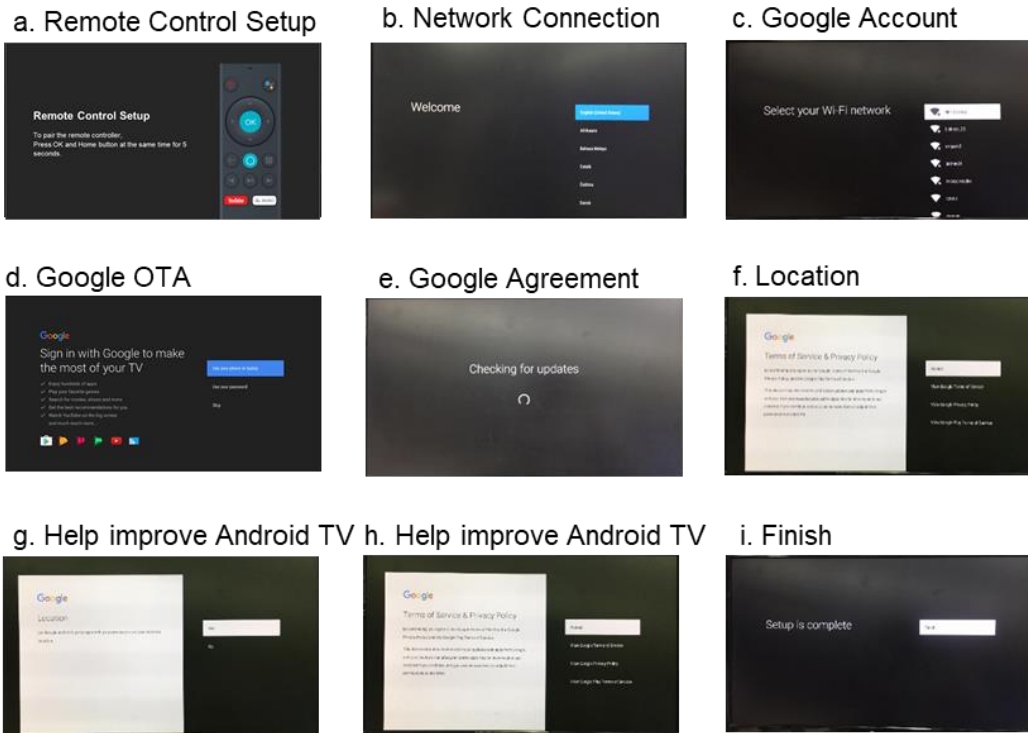


The remote control buttons are:

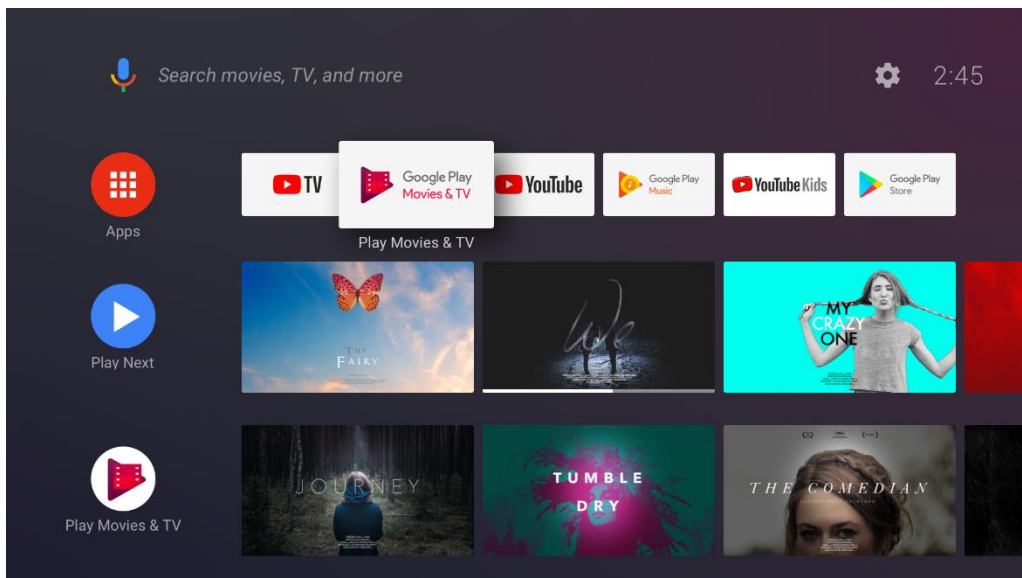
- Power
- Google Assistant
- Left, Right, Up, Down
- OK
- Back
- Home
- Art Wall
- Previous, Play/Pause, Next
- YouTube
- Music
- Volume +/- (side)

# Setup Wizard

After purchasing the product, when power is turned on for the first time after connecting the power cable, the screen for initial setup of Android TV is displayed. Initial setup is all configured for Google's guideline, and it provides the following steps:



Android TV home screen will be displayed after initial setup.



## How to Use Google Assistant

Just ask anything you want to know by saying “Hey, Google” in any hands-free situation. You can enjoy entertainment from the comfort of your couch or any place in your home.

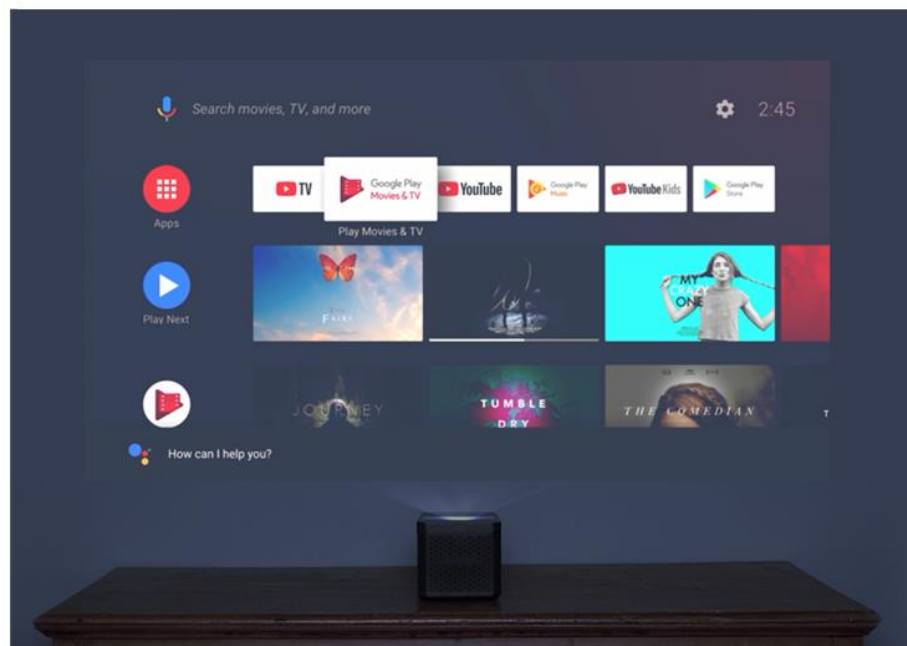


- • • •
- “Play some music”
- “When’s my first appointment tomorrow?”
- “Tell me about my day”
- “What’s the weather today?”
- “Set the timer for 15 minutes”
- “Volume level 6”
- “Wake me up at 6am tomorrow”
- “Dim the lights in the kitchen”
- “How many calories in an apple?”
- “Where’s the nearest pharmacy?”
- “Tell me a fun fact”

You can also easily find the content you want to watch using the remote control.



Simply press the Google Assistant key to activate microphone.  
If the green color LED lights up, start to speak into the remote controller.



Visit [www.humaxvision.com](http://www.humaxvision.com) to learn more about what your Google Assistant can do.

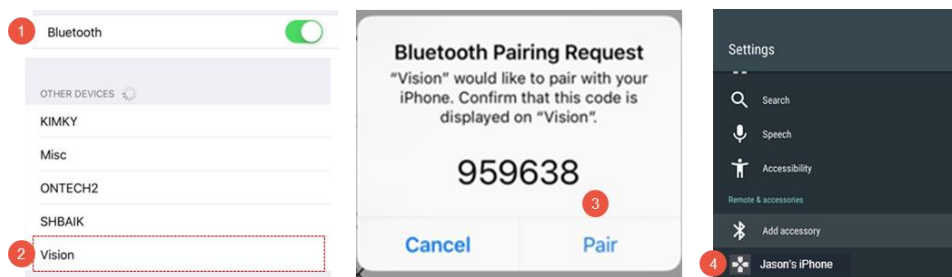
## Powered by Android TV

HUMAX VISION powered by Android TV gives fun with tons of contents, apps, and games. You can enjoy YouTube, Play Movies & TV, Play Music, Play Games and more.



## Bluetooth Connectivity

You can stream music from your Bluetooth enabled mobile devices to your HUMAX VISION.



- ① Turn on Bluetooth on your smart phone first.
- ② Tap "Vision" from the Bluetooth devices list.
- ③ Tap [Pair] button from Bluetooth Pairing Request pop-up message.
- ④ If the pairing is complete, go to Settings > Remote & accessories on HUMAX VISION. You will find your paired phone name.
- ⑤ Play music directly to HUMAX VISION. You can listen to music even when screen is off.



## Hardware Specification

Dimensions/Weight	Product Dimension : 123.5mm x 174mm x 116mm (W x D x H)
	Weight : (TBC) kg
System parameters	CPU : Cortex-A53 Quad-core 1.5GHz
	GPU : Mali-450 Penta-core 750MHz+
	RAM : 2GB DDR3
	Storage : 8GB eMMC
	Operating System : Google Android TV 8.0
Input	USB2.0
	Ethernet port (10/100 Base-T)
	power jack
Output	2 x 5W Stereo speaker
	720p DLP projector
Projection parameters	Display type : DLP
	Standard Resolution : HD(1280X720)
	Aspect Ratio : 16:9
	Lamp Type : RGB LED
Connectivity	Wireless : 2x2 2.4/5GHz, IEEE 802.11 a / b / g / n / ac
	Bluetooth : 4.1 BLE
Accessories	Adapter, Power Cord, Quick Guide, Remote Control
Electrical Parameters	Noise : less than 30dBA
	Power dissipation : -48W
	Power : AC100-240V, 50/60Hz
	Operating Temperature : 0~35°C

## Supplemental Information

### Notices and Trademark

Android, Android TV, Google, Google Assistant, and Google Assistant logo are trademarks of Google LLC.



Manufactured under license from Dolby Laboratories.

Dolby, Dolby Audio and the double-D symbol are trademarks of Dolby Laboratories.



The Bluetooth® word, mark, and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks is under license.



DLP® and the DLP logo are registered trademarks of Texas Instruments.

### Compliance

#### FCC Customer Information



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.

#### FCC RF Radiation Exposure Statement

This equipment complies with FCC RF Radiation exposure limits set forth for an uncontrolled environment.

Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

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

This equipment should be installed and operated with a minimum distance of 20 centimeters (equal to 8 inches) between the radiator and your body.

### Underwriters Laboratories (UL)

E247972



### 'WEEE' Instructions



This product should not be disposed with other household waste at the end of its working life. Please separate this from other types of waste and recycle it responsibly to promote the sustainable reuse of material resources. This will prevent possible harm to the environment or human health from uncontrolled waste disposal.

Domestic users:

Please contact either the retailer where you purchased this product or their local government office for details of where and how they can take this item for environmentally safe recycling.

Business users:

Contact your supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial waste for disposal.

### Conformité Européenne (CE)



	FI	SE	UL	
BE	BG	CZ	DK	DE
EE	IE	EL	ES	FR
HR	IT	CY	LV	LT
LU	HU	MT	NL	AT
PL	PT	RO	SI	SK

## SIMPLIFIED EU DECLARATION OF CONFORMITY

The simplified EU declaration of conformity referred to in Article 10(9) shall be provided as follows:

Hereby, HUMAX declares that the radio equipment type HUMAX VISION is in compliance with Directive 2014/53/EU and relevant directives.

The full text of the EU declaration of conformity is available at the following internet address:

- United Kingdom : <http://uk.humaxdigital.com/ec>
- Germany : <http://de.humaxdigital.com/ec>

### Wireless equipment use information

1. In France  
Authorization for outdoor usage is limited to Channels 1~7 (2.400 ~ 2.454 GHz).
2. In Italy  
For outdoor usage a general authorization is required from the national spectrum authorities.
3. In Latvia  
For outdoor usage an authorization is required from the Electronic Communications Office.
4. 5GHz Radio Local Area Networks (RLANs) Band only indoor use.
5. This equipment may be operated in all European Union member countries and Turkey.

<b>Product RF specifications</b>	
Frequency mode (band)	Wi-Fi b/g/n (20/40MHz), BT
RF output power	Maximum power level is not exceeding 20dBm
Frequency range (MHz)	2.4GHz

<b>Product RF specifications</b>	
Frequency mode (band)	Wi-Fi a, n(20/40MHz), ac(20/40/80MHz)
RF output power (EIRP)	Maximum power level is not exceeding 23dBm (for TPC) / 20dBm (for without TPC)
Frequency range (MHz)	5 150 MHz to 5 250 MHz

<b>Product RF specifications</b>	
Frequency mode (band)	Wi-Fi a, n(20/40MHz), ac(20/40/80MHz)
RF output power (EIRP)	Maximum power level is not exceeding 14dBm
Frequency range (MHz)	5 725 MHz to 5 850 MHz

### **Warranty**

Product Warranty 1 year

### **For Your Safety**

#### Safety Instructions

1. POWER SUPPLY
  - Operate this product only from the type of power supply shown on the marking label. If you do not know the type of power supplied to your home, contact your local power company.
  - Disconnect the power supply before you start any maintenance or installation procedures.
2. OVERLOADING
  - Make sure that the wall outlet, extension cord and adapter have a sufficient power rating for the appliance. If not, this can cause an electric fire shock.
3. LIQUID
  - Do not expose this product to liquids. Do not put objects filled with liquid on the product.
4. CLEANING
  - Disconnect the product from the wall outlet before you clean it.
  - Use a moist cloth to clean the product. Do not use solvents. Wipe the surface gently with a soft cloth as it may get scratched.
5. VENTILATION
  - Do not put electronic equipment on the product.
  - Do not put objects on the product. This will block the ventilation or cause damage to the surface.
6. ATTACHMENTS
  - Do not use any unsupported attachments as these may be hazardous or cause damage to the product.
7. LIGHTNING, STORM OR NOT IN USE
  - Unplug the product from the wall outlet during a thunderstorm or when left unattended and unused for long periods of time. This will prevent damage to the unit due to lightning and power-surges.
8. EXTRANEIOUS OBJECTS

- Do not insert anything through the openings in the unit, where they can touch dangerous voltage points or damage parts.

#### 9. REPLACEMENT OF PARTS

- When replacement of parts is required, be sure the service technician uses replacement parts specified by the manufacturer or those that have the same characteristics as the original part. Unauthorised substitution may result in additional damage to the unit.

#### 10. LOCATION

- Keep at least 10 cm clearance from any other appliances susceptible to electromagnetic influences such as a TV or a VCR.
- Do not place the product on an unstable surface where it can fall. A falling product can cause serious injury to a personnel and serious damage to the appliance.
- Do not place objects such as books or ornaments near the product. It may cause the product to overheat.

#### 11. Environment

- Attention should be drawn to the environmental aspects of battery disposal.
- Care is required for the use of this apparatus in tropical and/or moderate climates.

### **Cautions and Warnings**

- Do not modify or process the power cord or plug arbitrarily.
- Do not bend or twist the power cord.
- Make sure to disconnect the power cord while you hold the plug.
- Keep heating appliances as far as possible from the power cord to prevent the cover vinyl from melting.
- The mains plug, as a disconnection device, shall remain readily accessible by the user.
- Do not open the main body.
- Do not insert metal or inflammable objects inside the product.
- Do not touch the power plug with wet hands.
- Disconnect the power cord in case of lightning.
- Do not use the product when it is out of order. If you continue to use the product when defective, this may cause serious damage. Make sure to contact the customer service center if the product is out of order.
- Do not insert metal or alien substance into the slots for the modules or Smartcards. It may cause damage to the product and reduce its life span.
- Do not put anything on top of the projector (may cause the projector to fall and cause injury or damage).

- Do not look into the lens or mirror while the projection lamp is lit (the rays of the projection lamp may cause eye trouble).
- While projecting, do not put your face or hands on top of the projector to prevent burns or accidents.
- Do not place the projector in direct sunlight or near heat sources such as radiators, fires, stoves, etc. - This may result in fire.
- Do not allow children to cling to or climb up to the projector. - This may cause the projector to fall, causing injury or death.
- Do not place the projector where it might be exposed to dust. - This may result in fire.
- Do not use the projector in a damp place such as a bathroom where it is likely to get wet. - This may result in fire or electric shock.
- Never touch the power plug with wet hands. - This may result in electric shock.
- If there is any smoke or a burning smell from the projector or AC adapter, stop using the product immediately. Disconnect the power cord from the power outlet, and then contact the customer service center. - This may result in fire.
- Do not look directly into the lens when the projector is in use. - The bright light may damage your eyes.
- When the lamp is on or has just been turned off, avoid touching the air vent or lamp, because these will be very hot.
- Do not keep your hand on the projector for a long time when it is running.
- Do not spray the projector with water when cleaning. Make sure water does not flow into the projector. - This may result in fire or electric shock.
- When there is smoke or a strange smell coming out from the projector or a foreign object falls into the projector, switch it off and unplug it from the power outlet and contact our service center. - Otherwise, this may result in fire or electric shock.
- Only a qualified technician can disassemble or modify the projector. For diagnosis, adjustment, or repair, contact your seller or our service center. - This may result in fire or electric shock.

### **Important Safety Instructions**

1. Read these instruction.
2. Keep these instruction.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.