

# Installation Guide

## KAON Set-Top Box

### *What you need to get started:*

- **myRTCtv** login credentials
- **Kaon 2020** set-top box
- An HD or Ultra High Definition (UHD) **TV** that can support 720p, 1080p or 4K UHD
- A **broadband internet connection** that supports a wired or Wi-Fi wireless home network (802.11g, n, or ac)
- **Google** login credentials (*optional*)

## WHAT'S IN THE BOX?



KSTB2020  
Set-Top Box (STB)



Power Adapter



RCA Analog  
Composite  
Breakout Cable  
(Optional)



HDMI Cable



AA Batteries



KURV Remote



# SET-TOP BOX AT A GLANCE

## Top View



**1 Power Button:**  
Used to power the Kaon STB On or Off.

**2 Status Indicator LED:**  
Indicates power status of STB.  
(Red=Off, Green=On)

**3 Infrared (IR) Sensor:**  
Used to communicate with the KURV Remote Control.

**4 STB RJ45:**  
10/100 Ethernet port used to connect to a home router.

**5 HDMI:** Digital A/V output, used to connect to a TV via HDMI cable.

**6 AV Out:**  
SD Analog A/V output, used to connect to older-style TVs that do not support HDMI connections.

**7 S/PDIF:**  
Optical Audio output, used to connect to external sound bar or surround sound system. An optical cable with TOSLINK connectors is required (not included).

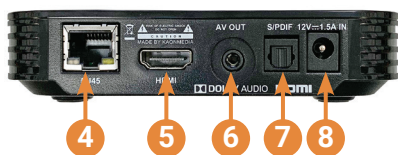
**8 12V/1.5A In:**  
DC Power port, used to connect via the power adapter.

**9 USB:** This port has an output power capability of 5V DC @ 1 amp. **The USB port cannot be used to connect an external USB drive to support local DVR capability.**

## Front View



## Rear View



## Side View



# PHYSICAL PLACEMENT GUIDELINES

The KSTB2020 set-top box should be placed in a location away from direct or indirect heat sources.

## Remote Operating in IR Mode

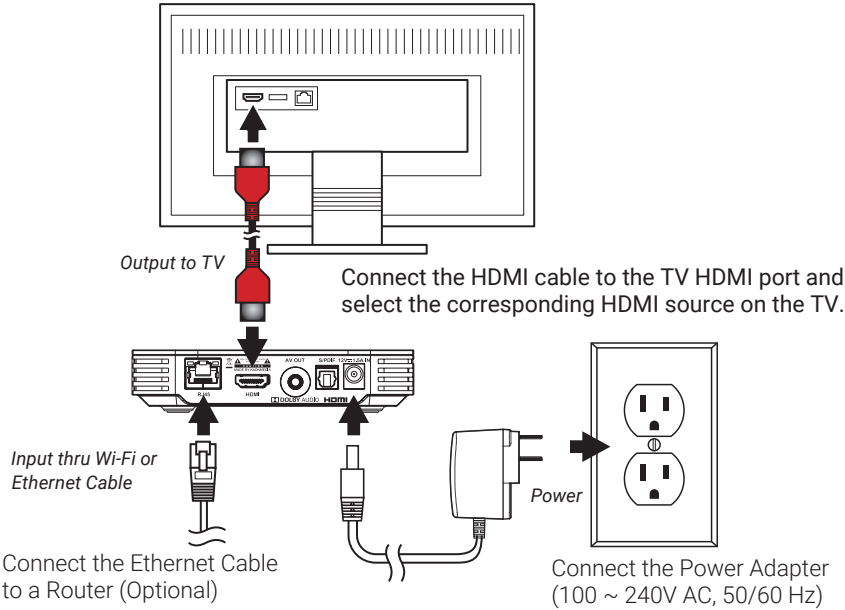
Recommended that the KSTB2020 be placed in sight for the end user. The IR sensor is in center of the front face plate.

## Remote Operating in RF4CE Mode

With the remote operating in RF mode, the KSTB2020 may be placed out of sight. This may include behind a wall-mounted TV or in a TV cabinet.

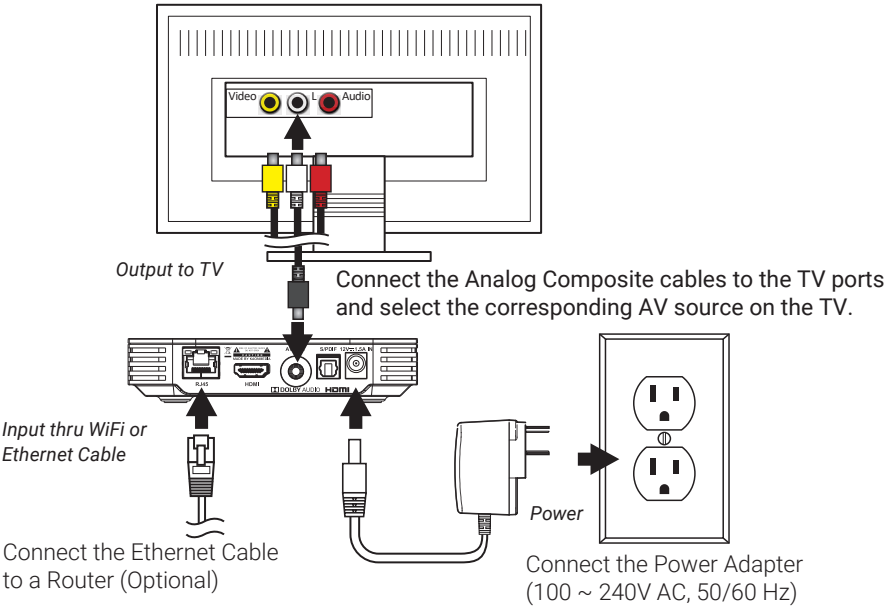
# SELF-INSTALL CONNECTION GUIDELINES

## HDMI Cable Connection



## Analog Composite Breakout Cable Connection

Connect the analog composite cable as shown below. This connection scheme should only be used if the TV does not have a working HDMI port.



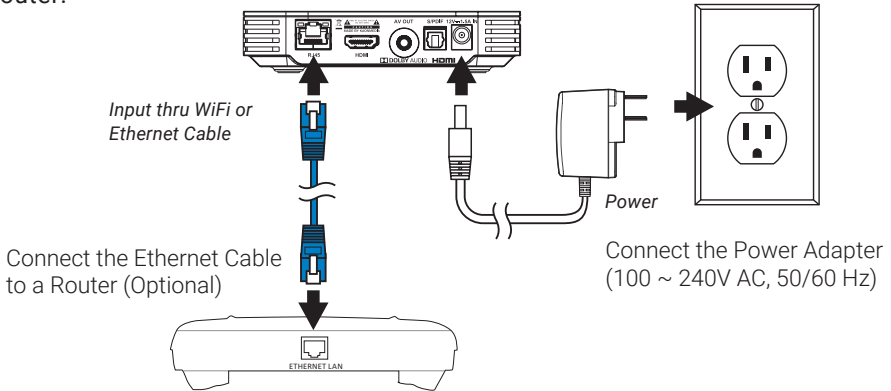
# NETWORK CONNECTION

You must connect your new STB to an internet connection through either a Wi-Fi wireless connection or a wired Ethernet connection.

## WIRED NETWORK CONNECTION

### Hard Wired Ethernet Requirements

If your home router is near the STB location, a CAT-5/5e/6 Ethernet cable may be used for internet connectivity. Plug one end of the CAT 5/5e/6 cable into the STB RJ45 port. Plug the other end of the cable into any LAN port of your home router.



## Wi-Fi NETWORK CONNECTION

### Wi-Fi Requirements


Wi-Fi networks should be 802.11n or better (802.11AC/AX preferred). The KSTB2020 should be placed in such a fashion that the Wi-Fi signal strength is strong or very strong (as a minimum). To connect the STB to the Wi-Fi network.

### Wi-Fi Connection Manual Setup

Navigate to the Android main menu by pressing the following key sequences:

Home → Settings → Network → Wi-Fi → Select to enable.

Once Wi-Fi has been enabled, using the remote scroll down and select the required network and press OK. When prompted, enter your Wi-Fi password using the remote. Alternately, a USB keyboard may be plugged into the USB port of the KSTB2020. Type password on keyboard as required.

Ensure that Wi-Fi network signal strength is strong  or very strong .

