

Installation Guide

Please read the entire Installation Guide thoroughly and retain it for future reference. Astro and Kaon Media will not take any responsibility for accidents or damage resulting from careless handling by the user.

Warning



- Always follow these instructions to avoid the risk of injury to yourself or damage to your equipment.
- Unplug the receiver from the power outlet before cleaning.
- Use only a damp cloth for cleaning the exterior of the receiver.
- Do not use accessories or attachments not recommended by the manufacturer.
- Do not place the receiver on an unstable cart, stand, tripod, bracket, or table.
- Operate the receiver using only the type of power source indicated on the marking label.
- Do not place the receiver in an enclosure such as a cabinet without proper ventilation.
- The receiver may fall, causing serious personal injury and damage to the receiver.
- Do not stack the receiver on top of or below other electronic devices.

Package Content



Astro HD Box



Remote Control with Battery



Installation Guide



HDMI Cable



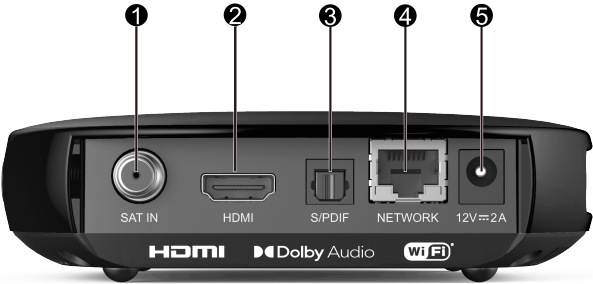
Power Adapter

Front and Side Panel



1	USB	Reserved for future usage.
2	SIM Card Slot	The slot to insert the Astro SIM card.
3	Power Button	To put the HD Box into standby mode or wake up from standby.
4	Remote Button	Reserved for future usage.

Rear Panel



1	SAT IN	F-type satellite input. Please connect to the Astro satellite feed.
2	HDMI	Connect to your TV
3	S/PDIF	To output digital audio signal to an AVR / Soundbar via an optical cable.
4	NETWORK	Connect to broadband Internet via LAN cable
5	DC Power	Connect to the supplied power adapter.

How To Install The HD Box (Satellite)

Astro Box Installation (Step 1 of 5)

Please select your preferred language and press Next to proceed.

✓ English

Bahasa Malaysia

简体中文

தமிழ்

1. When the Astro HD Box boots up for the first time, it will display this screen. Please select your preferred language. Select "Next" to proceed.

Astro Box Installation (Step 2 of 5)

Please select your preferred TV resolution and press Next to proceed.

Auto

Full HD (1080p)

✓ Full HD (1080i)

HD (720p)

576p

2. Please select the video resolution of your preference depending on your TV compatibility. Select "Next" to proceed.

Astro Box Installation (Step 3 of 5)

Please select your preferred method of box installation and press Next to proceed.

IPTV Plug & Play (self-install)

✓ Satellite

3. If you are installing this box as Satellite, choose Satellite. Please ensure your box is connected with Satellite cable.

Astro Box Installation (Step 4 of 5)

Select your preferred connection. For a better experience, please connect via LAN cable

Connect via LAN Cable

Connect via Wi-Fi

4. You will be given the option to connect the Internet via LAN Cable or Wi-Fi. Choose either one of those options, or you may select "Skip" to proceed.

* For new installation, skip this step and connect to Internet once Astro account is active

How To Install The HD Box (Satellite)

Astro Box Installation (Step 5 of 5)

Tuner Settings

LNB Type

Universal

Low Band LO Frequency

9.75 GHz

High Band LO Frequency

10.6 GHz

5. Please select your LNB type. Depending on your setup, it could be either Universal, SatCR or dCSS. Select “Next” to proceed.

Astro Box Installation (Step 5 of 5)

Transponder Settings

Entry Point

01 M3B VL - 10732

6. Please select: 01 M3B VL - 10732 as the entry point. Select “Next” to proceed.

Installation > Tuning

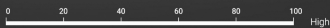
01 M3B VL - 10732

Tuner 1 of 2

Signal Strength
Signal Level



Signal Quality



CNR

17.3dB

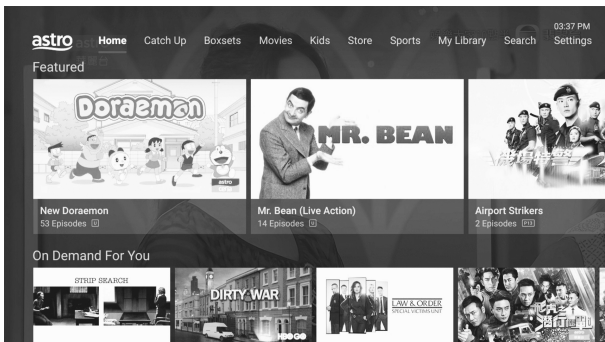
Press right/left to navigate between the tuners

Finish

7. Please ensure that the signal strength is at least 80 in both top and bottom bars and the signal quality is full.

Select “Finish” to complete the setup

8. Once setup is done, you will be brought to the Home Screen.



How To Install The HD Box (Plug & Play)

Astro Box Installation (Step 1 of 5)

Please select your preferred language and press Next to proceed.

✓ English

Bahasa Malaysia

简体中文

தமிழ்

1. When the Astro HD Box boots up for the first time, it will display this screen. Please select your preferred language. Select "Next" to proceed.

Astro Box Installation (Step 2 of 5)

Please select your preferred TV resolution and press Next to proceed.

Auto

Full HD (1080p)

✓ Full HD (1080i)

HD (720p)

576p

2. Please select the video resolution of your preference depending on your TV compatibility. Select "Next" to proceed.

Astro Box Installation (Step 3 of 5)

Please select your preferred method of box installation and press Next to proceed.

✓ IPTV Plug & Play (self-install)

Satellite

3. If you are installing this box as Plug & Play, choose IPTV Plug & Play (self-install).

Astro Box Installation (Step 4 of 5)

Select your preferred connection. For a better experience, please connect via LAN cable

Connect via LAN Cable

Connect via Wi-Fi

4. You will be given the option to connect the Internet via LAN Cable or Wi-Fi. Choose either one of those options.

How To Install The HD Box (Plug & Play)

Astro Box Installation (Step 5 of 5)

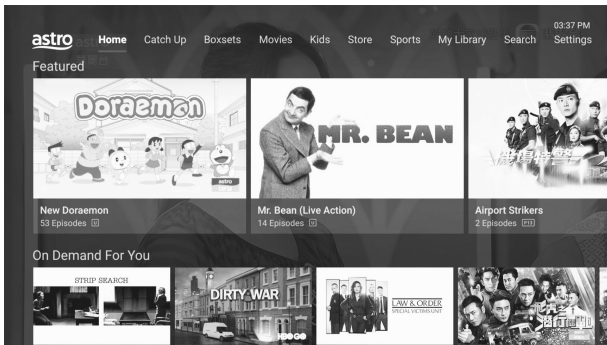
Connection Status

Router Connection	Successful	20ms
Internet Connection	Successful	20ms
Speed Test	12.7716 Mbps	
Connection Type	Wi-Fi (nextgenwifi6_5G)	
Wi-Fi / LAN Cable Status	connected	

For the best experience, you will need a minimum internet speed of 10Mbps for HD programme.

Enjoy more savings and rebates with internet speeds from 30Mbps to 800Mbps. For more info, visit product.astro.com.my/broadband

5. Validate your connection status. Press "Next/Finish" to Proceed.



6. Once your Astro account is active, you will see a channel and press Home on your remote to show Home Screen.

Operating Environment

The table below shows the operating environment.

Item	Description
Operating Temperature	0 ~ 40°C
Operating Humidity	10 ~ 80%, non-condensing
Rated Voltage, Frequency	AVC 100~240 V, 50/60 Hz
Rated Power Consumption	Max. 24 W
Dimension (W X D X H)	130mm X 130mm X 35mm
Weight	0.2 Kg

Specifications

Item	Description
Model Name	KSTB6112
Broadcasting Rx Frequency	950 ~ 2,150 MHz
Broadcasting Rx Level	-25 ~ -65 dBm
LNB Support	dCSS, Max. 350mA
Input Impedance	1 to 45 Msym/s
Video/Audio Output Port	HDMI 2.0
Digital Audio Output	S/PDIF
USB Port	USB 2.0, 1 Port on side panel, 5V 500mA (Max.)
Ethernet Port	RJ-45 10/100 Mbps 1 Port
Rated Voltage, Frequency	AVC 100 ~ 240 V, 50/60 Hz
Power Consumption	Max. 24 W
Wi-Fi	802.11 a/b/g/n/ac, 2X2 2.4GHz/5.GHz selectable
Bluetooth	Bluetooth Low Energy (BLE) version 4.2

License



The Adopted Trademarks HDMI, HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. in the United States and other countries.



Manufactured under license from Dolby Laboratories. Dolby, Dolby Audio, and the double-D symbol are trademarks of Dolby Laboratories.



Limited Warranty

KAONMEDIA Co., Ltd (“KAON”), warrants this product (“the Product”) is free from manufacturing defects in material and workmanship, according to the following terms and conditions.

- 1) The limited warranty for the Product extends for the first twelve (12) months beginning on the date of initial activation of the Product for reception of the service provided by Measat Broadcast Network System Sdn. Bhd. (“Astro”).
- 2) During the limited warranty period, KAON and its authorised service network will repair or replace, at KAON's option, any defective Product or parts thereof with new or factory rebuilt replacement items, and return the Product to the Customer in working condition. No charge will be made to the Customer for either parts or labour in repairing or replacing the Product. All replaced parts, boards or equipment shall become property of KAON.
- 3) Repaired Product will be warranted for the balance of the original warranty period or for ninety (90) days from the date of repair, whichever is longer.
- 4) Transportation, delivery and handling charges incurred in the transport of the Product to and from KAON or its local and authorized service center during the limited warranty period will be borne by KAON.
- 5) The Customer shall have no coverage or benefits under this limited warranty if any of the following conditions are applicable;
 - A. The Product has been subject to: lightning, power surges, insufficient voltage, abnormal use, abnormal conditions, improper storage, exposure to moisture or dampness, exposure to excessive temperature or other such environmental conditions, unauthorized modifications, unauthorized connections, unauthorized repair including but not limited to use of unauthorized spare parts in repairs, misuse, neglect, abuse, accident, alternation, improper installation, Acts of God, spill of foods or liquids, maladjustment of Customer controls or other acts which are beyond the reasonable control of KAON, including deficiencies in consumable parts unless caused directly by defects in materials or workmanship, and normal wear and tear of the Product.
 - B. Astro or KAON was not notified by Customer of the alleged defect or malfunction of the Product during the applicable limited warranty period.
 - C. The Product serial number or other applied and identifying labels have been removed, defaced or altered.
 - D. The Product was used with or connected to accessories not supplied and/or approved by KAON, not fit for use with the STB or used in other ways than intended.
- 6) If a problem develops during the limited warranty period, the Customer should take the following step by step procedure;
 - A. The Product was used with or connected to accessories not supplied and/or approved by KAON, not fit for use with the STB or used in other ways than intended.
 - B. The Customer will be billed for any parts, labour and other related charges not covered by this limited warranty.
 - C. In certain instances KAON reserves the right to refer the Customer to Astro before service may be provided.
 - D. If the Product is returned to KAON after the expiration of the warranty period, KAON's normal service policy shall apply and the Customer will be charged accordingly.
- 7) Any implied warranty of merchantability, or fitness for a particular purpose or use, shall be limited to the duration of the foregoing written warranty. Otherwise, the foregoing warranty is the customer's sole and exclusive remedy and is in lieu of all other warranties, express or implied. KAON shall not be liable for incidental or consequential damages or a loss of anticipated services, benefits or profits, work stoppage or loss or impairment of data arising out of the use or inability to use the Product.
- 8) The benefits conferred by this limited warranty are in addition to all other rights and remedies under any applicable mandatory legislation as may be in the Territory.
- 9) KAON neither assumes nor authorizes any authorized service center or any person or entity to assume for it any other obligation or liability beyond that which is expressly provided for in this limited warranty.
- 10) All warranty information, Product features and specification are subject to change without notice.