

IP Set-top Box (STB)

Model No.: SP-110

Rev. 1.0
2017.05

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Attentions

Safety Guide

1. Must correctly select the power supply voltage, and do not use the power supply outside the provided voltage value.
2. Before opening the power supply, make sure whether the power cord and all connections are connected correctly and completely.
3. if the machine is not used for a long time or is cleaned and maintained, pull the power plug from the power outlet and pay attention not to pulling the power cord.
4. When unplugging the power cord, should first close the current power supply, and pull out the insulation part of the plug with a hand slowly.

Safety Precautions

1. Do not place the machine in direct sunlight or at the place near a heat radiation device.
2. Should place the machine on the level and solid surface to prevent vibration affecting the machine to work properly.
3. Should place the machine at a well-ventilated place, where it is not humid or dusty near.
4. Wipe the surface of the machine gently with a soft cloth, and do not to use alcohol, gasoline and other organic solvents to clean it.
5. Do not use the machine under the weight, impact or vibration.

Servicing

1. Because the machine has complex internal circuits, non-professionals are not allowed to open the upper cover of it to avoid damage to it.
2. Users do not dismantle the machine parts freely, and the warranty tag will expire if the machine is opened to be repaired.
3. If it is confirmed to be maintained, please contact the local warranty department to arrange maintenance.
4. If some parts need to be replaced, repair technicians must select the original devices in line with the provisions of the manufacturer.

Inspection of all attachments

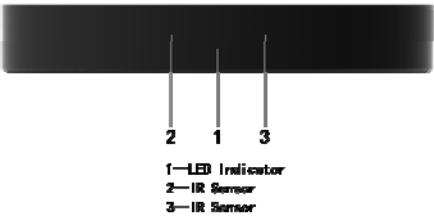
After unpacking the machine, please check it in accordance with the packing list and confirm whether the attachments contained are complete. The picture below shows a reference diagram of the attachments, and various models are equipped with different attachments and the details of a packing list shall prevail.



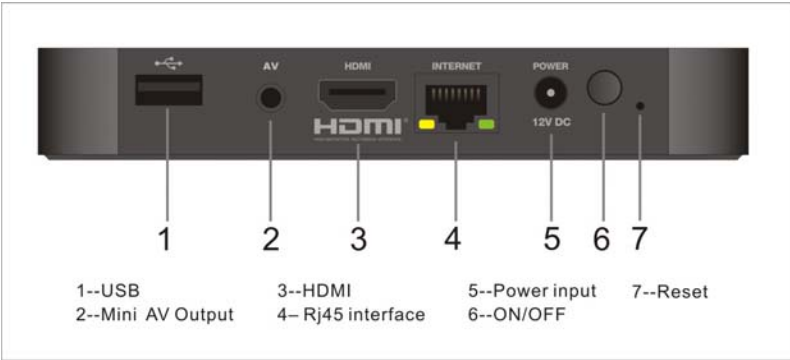
The diagram and the diagrams of the components provided below are schematic, and the physical appearance of all the components shall prevail.

Preparation

Front Panel



Rear Panel



Remote controller



Usage Tips

1. Before the use of a set-top box, please start the network connection device.
2. During the period of use, please do not pull the power plug from the power outlet. The machine should be in standby mode.
3. Install the battery
4. Remote controller of the machine is powered by two 7th batteries, and make sure the positive and negative pole of the battery in the process of installation.
5. Operating Range
 - When the remote controller is in operation, its front-end should be directed to the infrared receiver window of the set-top box, and the distance should be less than 6 meters.
6. Attentions

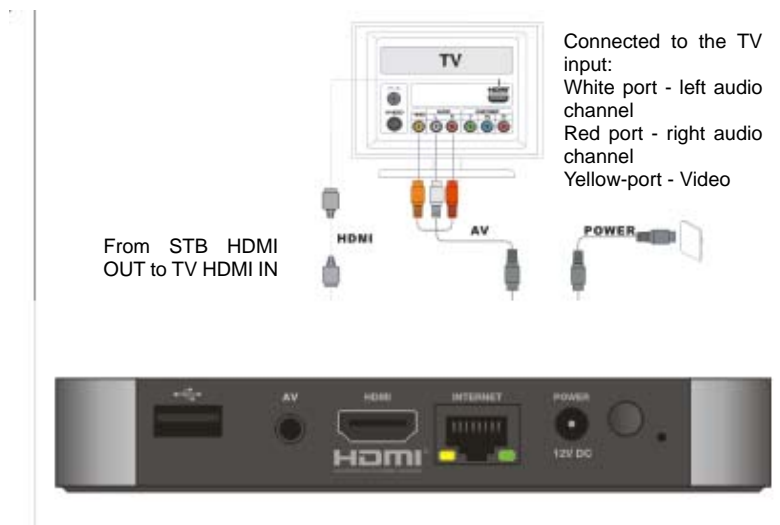
- When the battery lacks of power, replace in timely, or will affect the sensitivity of the remote control.
- If the remote controller is not used for a long time, take out the battery, so as to avoid corrosion or damage to the battery caused by liquid leakage.
- Do not make the remote control sensor directly exposed to sunlight or lighting devices, or else it will be caused to fail.
- Do not place the remote controller in the wet or high-temperature environment, and keep the remote controller clean.

System Connection



Before connecting to the system, this device and other relevant equipments should be powered off.

Way of Connection



Technical Specification

Video format	H.265/HEVC main profile H.264/AVC main and high profile, 1080P 60fps HD MPEG2/ MPEG4P2
Audio format	MPEG-1 Layer 1, 2 and 3 AAC LC, AAC LC+SBR Level 2, AAC HE Level 2, AAC HE Level 4
Type	PAL / NTSC
Output	HDMI output, Mini AV output, USB port
Network Card	100/1000 Base-T Ethernet NIC 1 RJ45 Interface
Power adapter input	AC 110~240V 50/60Hz
Power adapter output	DC 12V ~ 1A
Power	12W
Dimension	122mm (W) x 122mm (D) x 32mm (H)
Operating temperature	0°C ~ 40°C

Certification Statement

FCC compliance statement (United States)

FCC Part 15

This device complies with Part 15 of the Federal Communications Commission (FCC) Rules. Operation is subject to the following two conditions:

This device may not cause harmful interference.

This device must accept any interference received, including interference that may cause undesired operation.

CAUTION:

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

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 manufacturer's instructions, may cause interference harmful to radio communications.

There is no guarantee, however, 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 or more of the following measures:

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

RF Safety Statement

This device is a mobile or fixed location transmitter. The minimum separation distance between the antenna & radiating structures of the device and nearby persons is 20 cm, even if calculations indicate that the MPE distance would be less.

IC Statement (Canada)

IC Statement per the requirements in RSS-Gen Section 8.4 and RSP-100 Section 4.

This device complies with Industry Canada 's license-exempt RSSs. Operation is subject to the following two conditions:

- (1) This device may not cause interference; and*
- (2) This device must accept any interference, including*

interference that may cause undesired operation of the device.

French:

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.