

Material info.

Model name	Kabel HD Nano
Part number	-
Description	Q-GUIDE/KABELHDNANO
Manufacturer	-
Designer	SH SON

Design Spec.

Paper	-
Color	-
Coating	-
Size (W x H)	-
Binding	-
Language	GB

HUMAX

Quick Start Guide

HD Digital Satellite Receiver

Kabel HD NANO

The default password is 0000.

Notice

Thank you for purchasing a HUMAX product. Please read this user's manual carefully to be able to safely install, use and maintain the product at maximum performance. Keep this user's manual next to your product for future reference. The information in this user's manual is subject to change without notice.

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'WEEE' Instructions

This product should not be disposed with other household wastes at the end of its working life. Please separate this from other types of wastes 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 wastes for disposal.

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Note: The model name is located on the bottom of this product.

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Hereby, HUMAX Co., Ltd, declares that this Kabel HD Nano is in compliance with the related CE Directives.

The product carries the CE mark applied onto it.







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>

Appliance Classes

	Double insulated Class II equipment (IEC 60417-5172). Do not require an earth connection.
	For indoor use only (IEC 60417-5957).
	Direct current (IEC 60417-5031).
	Stand by (IEC 60417-5009).

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 shock or fire.

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

- Make sure that the slots on top of the product are not blocked. It is necessary to have a sufficient airflow into the unit.
- 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.
- Maintain a minimum distance of 10cm around the product for sufficient ventilation.

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 and disconnect the antenna 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. CONNECTION TO THE SATELLITE DISH

- Disconnect the power supply before you connect or disconnect the cable from the satellite dish/cable TV signal/aerial. If not, this can cause damage to the LNB/cable TV line/aerial.

11. CONNECTION TO THE TV

- Disconnect the power supply before you connect or disconnect the cable from the TV. If not, this can cause damage to the TV.

12. LOCATION

- Place the product indoors to avoid exposure to lightning, rain or sun. Do not place it near a radiator or heat register.
- Keep at least 10 cm clearance from any other appliances susceptible to electromagnetic influences such as a TV or a VCR.
- If you place the product on a rack or a bookcase, make sure that there is adequate ventilation and that you have followed the manufacturer's instructions for mounting.
- 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.

13. 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

1. To avoid damage of the power adaptor

- 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.
- All-pole main switch shall remain readily operable. (For products with power switch)

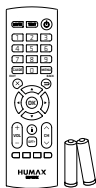
2. To avoid electrical shock

- 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.
- Unplug the power cable before you install the antenna cable.

3. To avoid damage of product

- 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 centre if the product is out of order.
- Do not overly pile objects on the product. It may cause cracks, deformation and discoloration.

Accessories



Remote Control
/ Batteries



Quick Start Guide



Antenna Cable



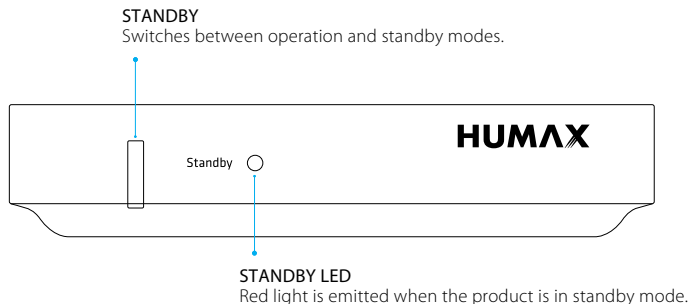
HDMI Cable



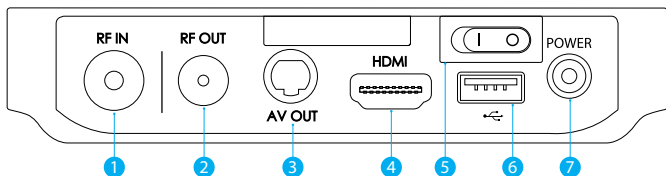
Adaptor

Note: Accessories may vary according to area.

Front & Rear



Note: The image may differ from the actual product.

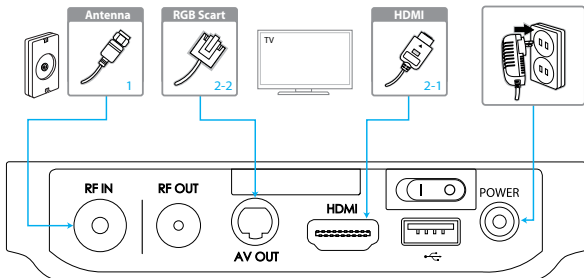


- 1 RF IN:** Connect an antenna cable.
- 2 RF OUT:** Use an antenna cable to connect to the TV or VCR.
- 3 AV OUT:** Use an RGB SCART cable to connect to the TV.
- 4 HDMI:** Use an HDMI cable to connect to the TV.
- 5 Power Switch:** Power on or off.
- 6 USB:** Connect a USB storage device.
- 7 POWER:** Use the AC adaptor to connect to the power supply.

Connections

This section describes how to connect your product to match your particular devices and to gain optimum signal quality.

Warning: Connect all devices before you plug any power cords into the wall outlet. Always turn off the product, TV and other devices before you connect or disconnect any cables.



Note:

- If you encounter any problems setting up your product, please contact your local retailer or HUMAX Customer Service.
- Connecting your TV directly to the audio/video output of the product will assure a more vivid picture and enhance your viewing enjoyment.

Connecting the Antenna

Connect the antenna cable to the RF IN.

Connecting the TV

2-1 Using an HDMI cable

For the best picture quality, use an HDMI cable to connect to the TV.

2-2 Using an RGB SCART cable

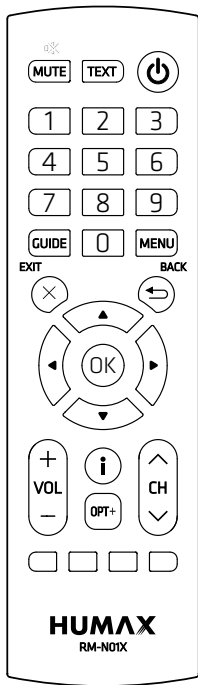
For good picture quality, use an RGB SCART cable to connect to the TV.

Note: Programmes restricted by Digital Rights Management (DRM) may not be viewed via the HDMI cable. For such programmes, use a composite cable.

Powering On

1. Connect the power cord of the product to a wall outlet.
2. Ensure the power switch at the rear of the product is switched to on.
3. Power on by pressing the STANDBY button on the remote control or the **STANDBY** button at the front panel.

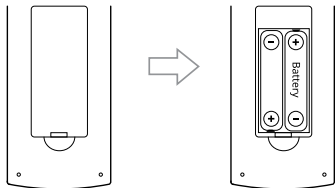
Remote Control



MUTE	Mutes audio
TEXT	Enters the digital text service
Standby	Switches between operation and standby modes
NUMERIC	(0-9)
GUIDE	Displays the programme guide
MENU	Displays the main menu
EXIT	Exits all On-Screen Display (OSD) screens
BACK	Returns to the previous screen
ARROW	Moves the cursor up, down, left or right
OK	Selects a menu or confirms the selection
VOL +/-	Changes the audio volume
i	Displays the programme information
OPT+	Displays option menus
CH ^/v	Changes the channel or page
COLOUR Buttons	For interactive applications

Inserting Batteries

Insert the batteries matching the plus(+) and minus(-) at each end.



Wizard

The installation wizard operates automatically when you power on the product for the first time or do factory default in menu.

Note: If you exit the installation wizard without fully completing the channel searching procedure, you may not have all of the channels available. In this case, go to **MENU > Settings > Installation** and search for more channels.

1. Language

Select the appropriate language from the list.

2. Display

Set the video output to your TV.

3. Search Channels

Channel search will begin automatically.
Save the found channels when the search is complete.

4. Result

The result of the installation wizard will display. Select **Finish** to exit the wizard.

Software Update

1. Go to www.humax-digital.de to download the new software.
2. Save the file to the USB storage device.
Note that the USB file system supports FAT32 only.
3. Check that the product is turned off.
4. Insert the USB storage device to the USB port of the product.
5. Keep pressing the power button on the front panel.
6. If new software is detected, it will be updated automatically.
Do not turn off the system during update.
7. Once software update is complete, restart the system.

Trouble Shooting

Before contacting your local service centre, please read the tips below carefully. If the problem persists after completing the following procedure, please contact your local product distributor or service centre for further instructions.

1. No signal is shown on your TV

- Check the main power cable and make sure it is plugged into a suitable power outlet.
- Check that the main supply is switched on.
- Connect the power cable to another power outlet.
- Check that the power switch is on at the rear of the product.

2. No picture

- Make sure that the product is powered on and in operation mode. (Press the STANDBY button)
- Make sure that the AV cable is firmly connected to the TV.
- Make sure that the antenna cable is properly connected to the product.
- Be sure to activate channel search.
- Check the brightness level of the TV.
- Check if the channel is currently on air.

3. Poor picture/sound quality

- Make sure there is no mobile phone or microwave oven near the product.
- Keep the power cable and the RF cables apart from each other.

4. No or poor sound

- Check that your AV cable is connected correctly.
- Check the volume levels of your TV set and the product.
- Check if the product or TV is on mute.
- Check audio type or soundtrack option (where applicable).

5. Remote control does not operate

- To control the product, the top end of the remote control should point directly towards the receiving part of the product.
- Remove and reinsert the batteries in the remote control.
- Replace the batteries in the remote control for a new set.

6. Channel search does not work

- Make sure that your cable is connected correctly.

7. No password information is given

- The default password is 0000.

Specification

Tuner & Channel	
No. of Tuners	1
Input Connector	IEC-60169-2 Female / Male
Frequency Range	RF-IN: 110MHz to 862MHz RF-OUT: 47MHz to 862MHz
Signal Level	-12 ~ +15dBmV @ 256-QAM
Demodulation	QAM (DVB-C), Compliant to EN 300 429
Input Symbol Rate	4~7 Msps
Video/Audio Processing	
Video Decoding	MPEG-4 PART2/MPEG-2 ISO/IEC 13818 MPEG-2 MP@ML MPEG-2 MP@HL MPEG-4 AVC/H.264 HP@L4
Video Resolution	1080p/1080i/720p/576p/576i/480p/480i
Audio Decoding	MPEG/MusiCam Layer I/II, Dolby Audio
Audio Mode	Single/ Dual Mono/ Stereo/ Joint Stereo

Memory	
Flash Memory	128 MByte
RAM	256 MByte
Audio/Video/Data In/Out	
Video	HDMI/HDCP and RGB Scart
Data In/Out	
USB	USB 2.0 Host (5V ≐ 500mA Max.)
Power Supply	
Power Type	External power supply
Input	100-240V ~, 50/60Hz
Output	12 V ≐ 1.0 A
Physical Specification	
Size (WxDxH)	135 x 135 x 30(mm)
Weight (Net)	194 g
Operating Temperature	0 °C to +40 °C
Storage Temperature	-10 °C to +70 °C
Storage Humidity	5 %~100 %

Note: The specifications are subject to change without notice.

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