

KAON KSC-B275NSS
Operating Manual



OSN HD Box
High Definition Satellite Receiver



Just imagine.

Introduction

Storage

If your OSN HD Box is not used directly after purchase, it can be stored in its original packaging, in a cool dry place, at a temperature between -20°C and $+70^{\circ}\text{C}$. Before use, wait until your receiver has reached room temperature.

Maintenance

Before cleaning, always disconnect the power from your receiver and disconnect the cable at the SAT-IN connector. (See page 3)

To clean your receiver, dust with either a clean dry cloth, or one that has been slightly dampened with distilled water.

Never use detergents of any kind.

The Environment

Packaging



When disposing of this product's packaging, please ensure that it is recycled.

This will reduce the demand for virgin wood pulp, whilst diverting material that would otherwise end up in landfill.

Product and batteries



Recycle - Do not dispose of this product or its remote control batteries with your domestic rubbish.

At the end of their useful lives, the product and batteries contain materials that, when processed correctly, can be recovered and recycled. By recycling the product and batteries responsibly, you will be reducing the requirement for new raw materials and reducing the amount of material that would otherwise end up in landfill sites. You will be helping to prevent potential negative consequences for the environment and human health.

Getting Started

Unpacking The Carton

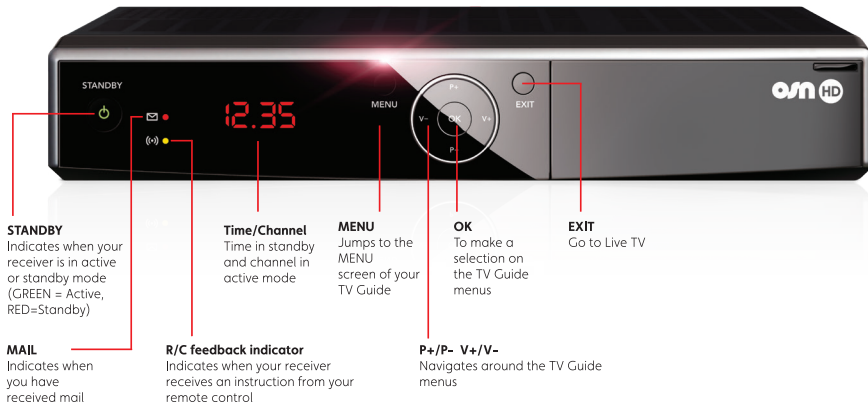
Before you start installing your receiver, please check you have the following supplied accessories:

- A 12V power supply unit
- A mains lead with 3-pin plug
- A remote control with 2 AA batteries
- A Smartcard (Already inserted into the smartcard slot of the receiver)

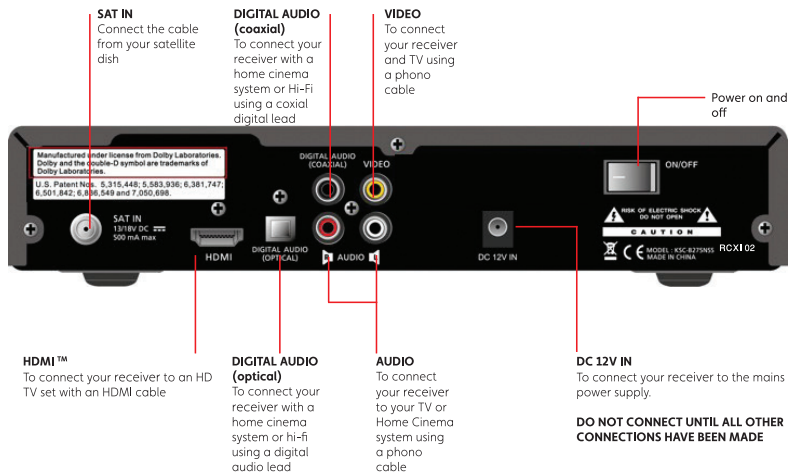


Your Receiver

FRONT PANEL



BACK PANEL



Your Receiver

Connecting Your OSN HD Box

1. Connecting to a TV

If you have a TV with only a composite (CVBS) video input, use the supplied AV phono leads by matching the colours of the connectors on your OSN HD Box and leads.

If you have a TV with HDMI input, you can connect your OSN receiver to your TV using a single HDMI cable. This will give you the best picture possible.

2. Alternative Audio Connections

For improved sound you can connect your receiver to a home cinema or Hi Fi system using the receiver's DIGITAL AUDIO connectors. For this you will need a 75ohm coaxial cable or a digital audio connector (not supplied). This digital audio is compatible with Dolby Digital Plus™.

3. Connecting to the Satellite Dish

Connect the lead directly from the dish into the connector labeled SAT IN on your receiver.

4. Connecting to the Power Supply

Plug the fixed lead on the 12V power supply into the socket labeled DC 12V IN in the receiver.

Plug the 2-way connector on the supplied mains lead into the socket on the 12V power supply unit.

Connect the mains plug from the 12V power supply into a mains wall socket.



OSN Smartcard

Inserting Your Smartcard

You will need the supplied OSN Smartcard so that you can receive programmes and services. Your Smartcard will arrive pre-inserted into your receiver and should remain permanently inside the receiver. If you ever need to remove and re-insert your Smartcard, please follow the instructions below:

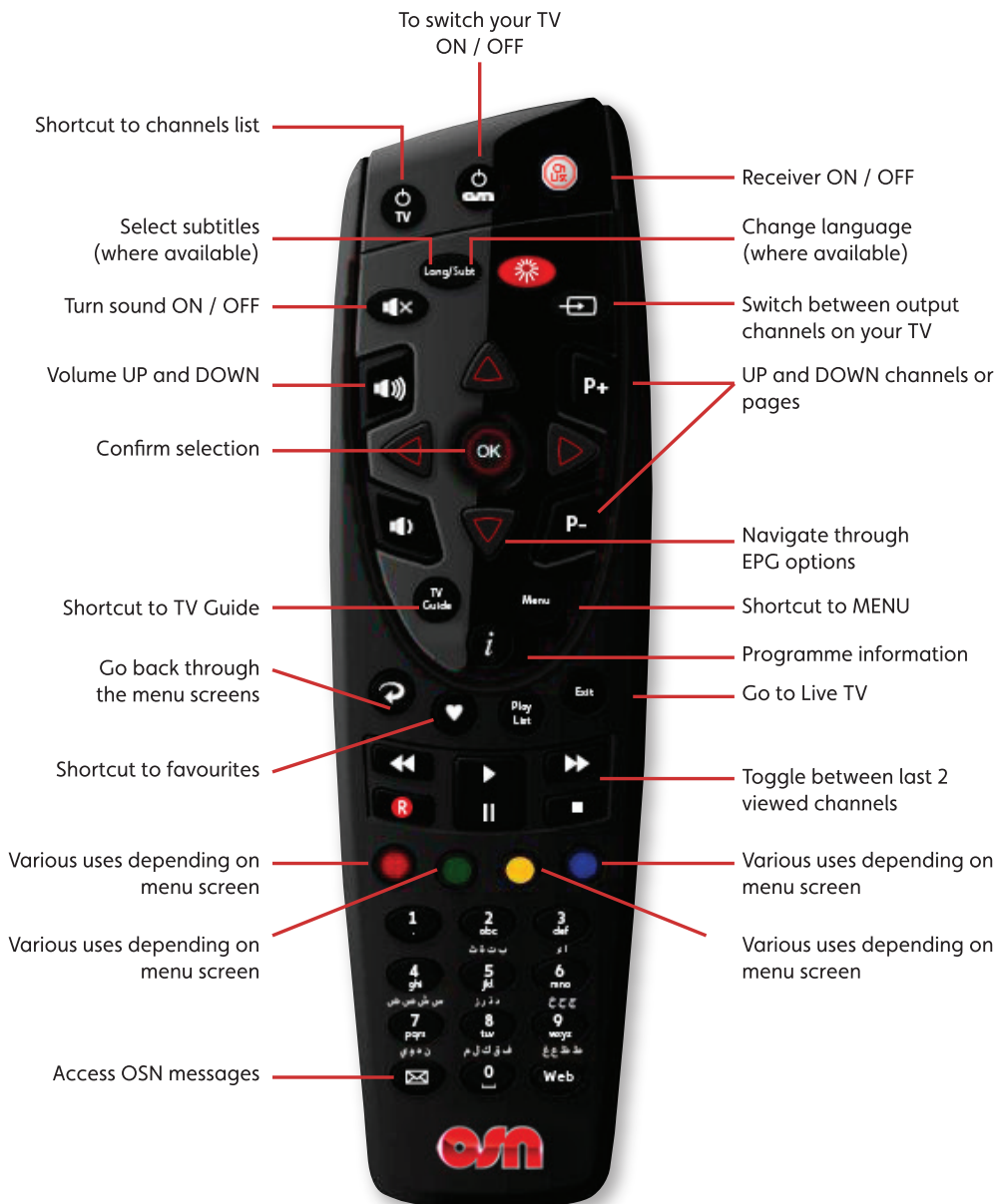
1. Hold your Smartcard with the gold chip facing down and the arrow pointing towards the receiver.
2. Insert your Smartcard into the front-panel slot, pushing it in as far as it will go without forcing it.

Care for your Smartcard as follows:

- Do not remove or insert your Smartcard unnecessarily.
- Do not bend your Smartcard.
- Keep your Smartcard dry. Never clean it with fluids - use a soft dry cloth.
- Keep your Smartcard away from heat and direct sunlight, small children and pets.




Your Remote Control



Your Remote Control

CONTROLLING YOUR TV'S FEATURES WITH YOUR REMOTE CONTROL

You can use your remote control to control some of your TV's features. After you press the TV button you can:

- Turn your TV ON/OFF using the **TV**  button
- Adjust the volume using **V+** and **V-**
- Mute the volume using the **Mute** button
- Select AV channels using the **AV** button

First, you must configure your remote control to use the correct TV Code for your brand of TV. You can either set the code yourself (option 1), or let your remote control search for the correct code (option 2).

The volume control and mute is by default set to control your OSN receiver even if the remote has been setup correctly. Holding down **OK** and **V+** until the remote blinks twice will allow you to control your TV's volume. To revert the remote to controlling your receiver's volume, hold down the **OK** and **V-** until the remote control blinks four times.

Option 1

1. Hold down **TV** and **OK** together, until the indicator blinks twice.
2. Use the **number** buttons to enter a 4 digit TV code for your brand of TV (see table on page 8).
3. If the code you entered is valid, the indicator will blink twice.
4. Verify if the other controllable TV functions are functioning.

Note: If the TV code is invalid, or you press an incorrect button, the indicator blinks once for a longer period. The previous settings are then restored and the setup routine ends.

Option 2

1. Hold down **TV** and **OK** together, until the indicator blinks twice.
2. Press **9-9-1**. The indicator will blink twice again.
3. Press **TV** button. Aim the remote at the TV and press **P+**.
4. If the TV does not turn off after 3 seconds, press **P+** again. Keep repeating this until the TV turns off. If the remote blinks 3 times after pressing **P+**, that indicates that the remote has cycled through the entire database and if you still cannot control your TV, your TV is not supported by this remote. Once the TV responds, proceed to step 5
5. Press **OK**. The indicator blinks twice to confirm that the TV code has been set.
6. Verify if the other controllable TV functions are functioning.

If you do not press any remote control buttons within a 20 second period during either setup method, the previous settings are restored and the setup routine ends.

Your Remote Control

TV CODES

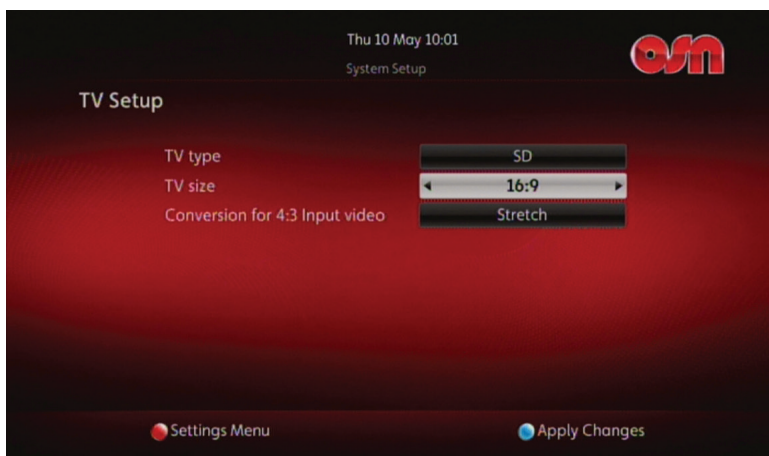
If a 4-digit code does not work, try the next 4-digit code for your brand of TV.

LG	0001 0178 1993 1663 0037 0556 0370 0377 0032 0009 0714 0644 1539 0056 0060 0217 0108 0216 0431 0290 0163 1934 0606 0109 1637 0698 0715 0823 0829 1146 1148 1191 1252 0247 0361 1718 1681
Amstrad	0009 0177 0037 0516 0264 0354 0362 0371 0075 0412 0218 0433 0556 1037 0648 0581 1904 1324 1982
Grundig	0195 0535 1223 0037 0070 0191 0487 0554 0556 0587 0672 1037 0706 0443 0205 0237 0215 0009 0036 0077 0370 0740 1935 1908 0260 0630 0757 1916 1308 0178 1376 0343 1981 1667
Hitachi	0145 1576 0481 0009 0578 0719 0225 0349 0032 0036 0744 1585 0737 0039 0043 1037 0044 0056 1484 1481 0109 1667 0157 1225 0163 0634 1045 0178 0179 0473 0186 0563 0217 0343 0196 1163 0576 0508 0548 1194 0499 1149 0797 1170 0194 0777 0480 0276 0516 0075 0072 0037 1156 0469 0556 1137 0105 0492 0359 0361 0512 0629 0877
KTV	0039 0217
JVC	0653 0069 1253 0731 0036 1153 0606 0190 1653 0371 1053 0508 0683 0192 0193 0218 0418 0093 0650
Panasonic	0650 0226 1636 1650 1310 0037 0556 1210 1510 0163 0340 0208 0214 0508 0896 0361 0853 0237 1930 0850 0367 0368 0516 0075 0548 0771 0001
Philips	0037 0556 0056 1506 0639 0605 1495 0012 0690 0772 1246 0186 0013 0178 0323 0108 1304 0554 0032 0043 0087 0193 0374 0721 0423 0343 0009 0200 0361 1521
Pioneer	1260 0109 0679 0163 0166 0037 0556 1398 0423 0428 0370 0343 0361 0486 0512
Samsung	0644 0766 0060 0056 0814 0618 0587 0009 1619 1458 0482 0556 1249 0032 1584 0150 1235 0178 0037 0179 0217 0264 0329 0448 0370 0039 0208 0226 0072 0682 0216 0290 0821 0519 0163
Sharp	0093 0009 1193 1586 0032 0036 1393 0818 0039 0157 0491 0256 1587 0650 0294 0653 0412 0193 0186 0516 0200
Sony	1505 0011 1651 1317 0036 0650 1010 0353 1551 0834 0102 0742 0157
Thomson	0625 0560 0343 0109 0501 0753 0399 0471 0335 0196 0205 0237 0037 0556 0568 0490 0320 0349 0216
Toshiba	1508 0508 0650 0009 1704 1164 0036 0060 1656 0714 0070 0093 0145 1945 0502 0204 0264 1935 0412 0102 0241 0618 0644 0821 1156 0217 0109 0490 0077 0195 0191 1916 1908 0698 0037 0736 0832 1556 1037

If the brand of your TV is not listed here, please refer to www.osn.com/tvcodes for additional information.

To clear the current TV code programmed in the remote, press **TV** and **OK** together until the LED blinks twice. Then press **9-7-7**. The LED will blink twice again. The remote will still be able to control your receiver.

TV Setup



You can access the TV settings by navigating through the following screens:

Home >Settings>System setup> installation setup>TV setup

In the Installation Settings screen, enter your PIN code when prompted.

The default PIN code is 0000.

Item	Settings	Comments
TV Type	SD (Standard Definition)	For TVs that support Standard Definition
	HD (High Definition)	For TVs that support High Definition
TV Size	4:3	For 'standard' (4:3) TVs
	16:9*	For 'widescreen' (16:9) TVs
Conversion for 16:9 input video (Determines how widescreen (16:9) programmes are displayed on a standard (4:3) TV - available only if the TV Aspect Ratio has been set to 4:3)	Letter Box	The entire frame of the widescreen programme will be displayed in a standard (4:3) TV, but the frame will not fill the screen. There will be black bars on the top and bottom of the frame.
	Centre cut*	The side edges of the widescreen programme will be cut-off but the entire screen will be filled.
Conversion for 4:3 input video (Determines how standard (4:3) programmes are displayed on a widescreen (16:9) TV - available only if the TV Aspect Ratio has been set to 16:9)	Stretch* (Default if the TV Type is set to standard)	The entire frame will stretch horizontally to fill the screen.
	Pillar Box (Default if the TV Type is set to High Definition)	The entire frame will be displayed as if it were on a standard TV with black bars on either side of the frame.

*Default setting

HD Setup



You can access the HD Settings by navigating through the following screens:

Home >Settings>System setup>Installation setup>HD setup

In the installation screen, enter your PIN code. The default code is 0000. Set the HD resolution to best match your TV's native resolution (check your TV's operating manual for details). The available settings are 576i and 576p (For SD resolution) and 720p and 1080i (for HD resolution). These settings are only applicable to the HDMI output of the OSN HD Box.

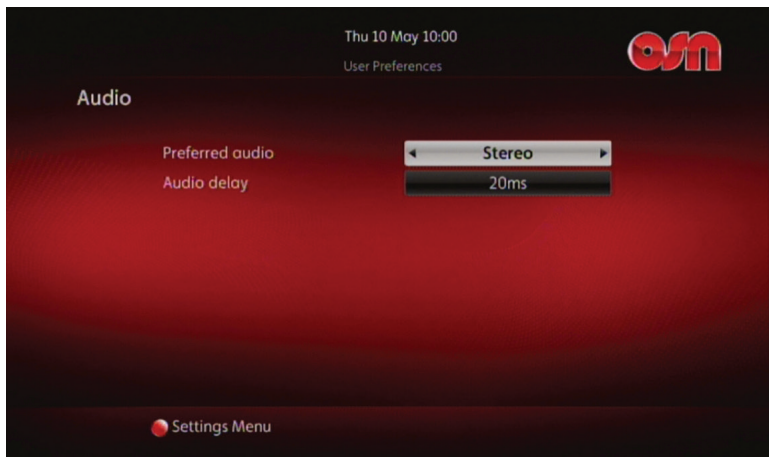
Digital Audio Setup

You can access the digital audio settings by navigating through the following screens:

Home>Settings>User Preferences>Audio


The audio quality will depend on the digital audio settings and the type of audio output used.

If you have a home cinema system, set your preferred audio to 'Dolby'. If not, the audio should be set to 'Stereo'. If you notice that the audio is not in sync with the video while in Dolby mode, you may need to set the time delay accordingly to compensate.



Troubleshooting

Before attempting to check the connections between your equipment, please ensure that you have disconnected them from the mains supply. When you are done checking your equipment, safely reconnect them to the mains supply.

Problem	Possible cause	Suggested solution
The display on the front panel does not light up/is not lit.	Your receiver is not connected.	Make sure the lead from the 12V Power supply unit is properly plugged into your receiver. Check that the 12V power supply unit is properly connected to the mains supply, and that the mains supply is switched on.
There is no sound or picture on your TV, but your receiver's front panel shows the time.	Your receiver is still in standby.	Press the standby button  on your remote control or your receiver's front panel. Make sure that your TV is out of standby and the correct AV input has been selected on the TV.
Your remote control does not operate your receiver. (NOTE: if your receiver is on standby, then the IR indicator light on it's front panel should flash when you press the remote control buttons.)	Your receiver is still in standby.	Press the standby button on your remote control.
	Something is blocking the path between your remote control and your receiver's front panel.	Ensure that nothing is blocking the path.
	Your remote control's batteries need replacing.	Replace all the batteries in your remote control. Never throw used batteries into a fire. Dispose of them in an environmentally responsible way (see page 1).
There is no sound or picture, or the picture is poor quality or looks blocky.	Your satellite dish is not connected properly to your receiver.	Make sure that your satellite dish is connected properly to your receiver.
	Your TV is not connected properly to your receiver.	Make sure that your TV is connected properly to your receiver, your TV is out of standby and the correct AV input has been selected on the TV.
	Your satellite dish is not pointing in the right direction or has a faulty LNB. NOTE: Severe weather and heavy cloud cover can cause this problem.	Check the signal-level indicator. If it is low, please contact OSN Customer Service for further assistance.

Troubleshooting

Problem	Possible cause	Suggested solution
There are Smartcard error messages.	Your receiver cannot detect or recognise your Smartcard.	Make sure that you have the correct OSN Smartcard and that it is properly inserted. If the messages persist, please contact OSN Customer Service.
You have forgotten your PIN code.		Please contact OSN Customer Service to reset the PIN code.
Your Smartcard does not work with any other receiver that you may have.	Your OSN Smartcard will work only with the receiver that it came paired with. It can not be used with any other set top box.	Make sure that your OSN Smartcard is inserted into your OSN receiver.
The HDMI output of your receiver does not seem to be functioning.	In order to activate the HDMI output, you need to subscribe to HD channels.	Make sure that the OSN Smartcard is inserted into your receiver. If the problem still persists, please contact OSN Customer Service.
	The HDMI cable may not be connected properly.	Please ensure that the HDMI cable is connected properly at each end.
	Your TV may be unable to communicate properly with the HDMI input.	Turn the TV off and on.
Your HD channels show 'Services currently not available' while your other channels are OK.	Your receiver needs to be installed properly without the use of any cable splitters.	Please call OSN Customer Service to have your receiver correctly installed.
When viewing an HD channel, the other settop boxes in your home no longer work properly.	Your receiver installation and infrastructure requires it to have a dedicated signal source.	Disconnect the splitter and connect the signal source directly to your receiver.

If you have a problem even after the above checks, please contact the OSN Customer Service.

Specifications

Due to continued product improvement, these specifications may change without notice:

General

Operating voltage	12V DC 2.5A
Power consumption	30W (max)
Dimensions (W x D x H)	250mm x 180mm x 45mm
Weight	2kg (packed, including accessories)
Operating temperature range	+5°C to 42°C
Storage temperature range	-20°C to +70°C

Rear – Panel Connectors

DC POWER	12 V DC 2.5A
SAT-IN (satellite dish input)	F-type female
AUDIO LEFT and RIGHT	2 x phono audio-out sockets
VIDEO	Phono composite video-out socket
DIGITAL AUDIO	Coaxial S/PDIF connector RCA/Cinch (female)
DIGITAL AUDIO	Optical
HDMI	HDMI interface







Safety Information

Using Equipment Safely

Your OSN receiver has been manufactured to meet international safety standards, but you must take care to operate it safely.






It is important that you read these safety instructions.

WARNING: Remember that contact with AC mains can be lethal or can cause severe electric shock. To avoid the risk of electric shock:

-  Do not remove the top cover from the 12V power supply unit, as there are high-voltage live parts inside. There are no user-serviceable parts inside this power supply unit.
-  Do not remove the top cover from your OSN receiver. There are no user-serviceable parts inside it.
-  Make sure all electrical connections are properly made.
-  Do not connect any equipment to the mains supply until you have properly connected all the other leads.
-  Before you disconnect any other equipment from your OSN receiver's rear panel, put your OSN receiver into standby, wait 60 seconds, then disconnect your OSN receiver from the power supply (by disconnecting the 12 V power supply unit from the mains socket on the wall).
-  Never push anything into holes, slots or other openings in the case (except a Smartcard into the slot provided).

The model number, serial number and electrical rating of your OSN receiver are on a label on its base.

Caution:

-  Do not use or store your OSN receiver in hot, cold, damp, or dusty places.
-  Do not block the ventilation holes of your OSN receiver. Leave a gap of at least 5cm above and around it to allow for adequate ventilation. Never stand it on soft furnishings.
-  Do not put anything on your OSN receiver which might drip or spill into it. Never stand objects filled with liquids, such as vases, on top of your OSN top box.
-  Do not place your OSN receiver in an unventilated cabinet or on top of a unit that emits heat (e.g. a VCR).
-  Never place naked flame sources, such as lighted candles, on or adjacent to your OSN receiver.

Contact Us

Please contact OSN Customer Service on:

- **KSA** 9 2000 4444
- **BAHRAIN** 17 317 317
- **JORDAN** 06/5511615-5885055
- **EGYPT** 02 3827 6666
- **UAE & OTHERS** +971 4 367 7888
- **KUWAIT** 1 807 007
- **QATAR** 447 7177
- **Oman** 2208 5333

or log on to osn.com

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