

SKYWORTH

SKYWORTH

Q20* Series

Quick Start Guide-ENG

D773-0000-00 (右下方)
注:编号区, 请以实际物料编号为准,
以上注解内容不做印刷

6MM

In an effort to save the environment and natural resources, we do not print full user manual. Please follow our instruction to find electronic user manual in section "Remote Control Function How to use E-Manual" if needed.

(封底)

(封面)

印刷要求:

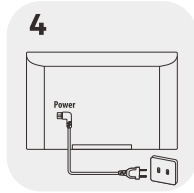
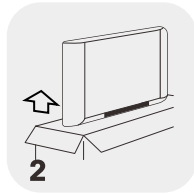
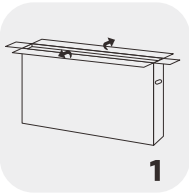
- 1.A5尺寸,120g铜版纸彩色印刷\表面过哑胶(封底、封面),内页80g双胶纸黑白印刷。
- 2.符合RoHS最新标准。
- 3.质量技术要求同企标Q/SCWB 2136-2017。

Description: QUICK START GUIDE		SKYWORTH
Sales Model:	Brand Name: SKYWORTH	
Model: Q20-9K23N/9K25N	P/No. 0710-	
Revised:	Scale: 1:1	
Artwork By: 冯枝利 Date:	Power ENGR By: Date:	
ME By: Date:	H/W ENGR By: Date:	
Sales By: Date:	Approved By: Date:	
Note: If the approval needs to remark in the attachment, he or she should sign on the position of remark.		

PREPARATION

Unpacking and Installation

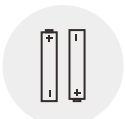
Note: The pictures are only for reference.



1. Open the package.
2. Take out the TV.
3. Install the TV stands.
4. Connect the power cord.

Accessories

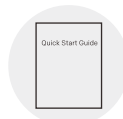
Note: The pictures are only for reference.



Batteries/2



Remote Control



Quick Start Guide



Base Stands/2



Screws 4/6



Warranty Card



Power Cord

Note:


1. The information in this document is subject to change without notice. The manufacturer accepts no liability for damage resulting directly or indirectly from faults, incompleteness or discrepancies between the user manual and the product described.


2. In dry environment due to static electricity, the product may restart and return to the main OSD interface, USB player interface or the previous source mode. It is normal and please continue to operate the TV as you will.

WARNING AND PRECAUTION

Read all of the instructions before operating the set. Keep these instructions well for later use.

Important Safety Instructions

- Read these instructions – All the safety and operating instructions should be read before this product is operated.
- Keep these instructions – The safety and operating instructions should be retained for future reference.
- Heed all warnings – All warnings on the appliance and in the operating instructions should be adhered to.
- Follow all instructions – All operating and use instructions should be followed.
- Do not use this apparatus near water – The appliance should not be used near water or moisture – for example, in a wet basement or near a swimming pool, and the like.
- Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as direct sunlight, radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not defeat the safety purpose of the polarized or grounding plug. A polarized plug has two blades with one wider than the other. A grounding plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched particularly at the plugs, convenience receptacles, and at the point where they exit from the apparatus. Only use attachments/accessories specified by the manufacturer.
-  Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart or rack is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- Unplug the apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- CAUTION: These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.
- Do not install this equipment in a confined or building-in space such as a book case or similar unit, and remain a well ventilation conditions at open site. The ventilation should not be impeded by covering the ventilation openings with items such as newspaper, table-cloths, curtains etc.
- Please refer the information on rear enclosure for electrical and safety information before installing or operating the apparatus.
- To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
- The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus. Do not use the set near dust place.

- For the terminals marked with symbol of “⚡” may be of sufficient magnitude to constitute a risk of electric shock. The external wiring connected to the terminals requires installation by an instructed person or the use of ready-made leads or cords.
- To prevent injury, use the stand/wall-mount bracket to securely install this apparatus on the table/wall in accordance with the installation instructions.
- Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.
- The battery (battery or batteries or battery pack) shall not be exposed to excessive heat such as sunshine, fire or the like.
- Excessive sound pressure from earphones and headphones can cause hearing loss. Listening to music at high volume levels and for extended durations can damage one’s hearing. In order to reduce the risk of damage to hearing, one should lower the volume to a safe, comfortable level, and reduce the amount of time listening at high levels.
- The appliance coupler is used as disconnect device, the disconnect device shall remain readily operable.
- When not in use and during movement, please take care of the power cordset, e.g. tie up the power cordset with cable tie or something like that. It shall be free from sharp edges and the like that can cause abrasion of the power cordset. When put into use again, please make sure the power cordset being not damaged, If any damages found, please look for the service person to replace the power cordset specified by the manufacturer or have the same characteristics as the original one.
- Attention should be drawn to environmental aspects of battery disposal.
- No naked flame sources, such as lighted candles, should be placed on the apparatus. To prevent the spread of fire, keep candles or other open flames away from the apparatus at all times.
- If the apparatus have the symbol  in its rating label and the power cord has two pins, it means that the equipment is a Class II or double insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to electrical earth.
- Warning for Apparatus containing COIN / BUTTON CELL BATTERIES (Below instruction only used for the apparatus containing a user-replaceable coin/button cell battery)
WARNING:
Do not ingest the battery, Chemical Burn Hazard (The remote control supplied with) this product contains a coin/button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death. Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.




This lightning flash with arrowhead symbol within an equilateral triangle is Intended to alert the user to the presence of non-insulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock.

To reduce the risk of electric shock. Do not remove cover (or back). No user serviceable parts inside. Refer to qualified service personnel.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the appliance.

- The following information are recommended to be included as far as applicable where applicable:

~	Refer to alternating current(AC).	⏻	Refer to stand-by.
—	Refer to direct current(DC).	I	Refer to power ON.
	Refer to ClassII equipment.	⚡	Refer to dangerous voltage.

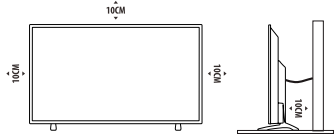
WEEE Directive



Correct Disposal of this product. This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

Positioning the TV

- Install Display on solid horizontal surface such as a table or desk. For ventilation, leave a space of at least 10cm free all around the set. To prevent any fault and unsafe situations, please do not place any objects on top of the set. This apparatus can be used in tropical and/or moderate climates.



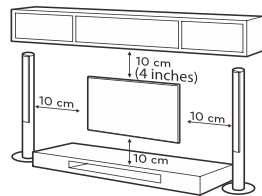
Note: The picture is only for reference.

- Fix the rear of enclosure to wall(only for some countries)
- Warning: Never place a television set in an unstable location. A television set may fall, causing serious personal injury or death. Many injuries, particularly to children, can be avoided by taking simple precautions such as:
 - Using cabinets or stands recommended by the manufacturer of the television.
 - Only using furniture that can safely support the television.
 - Ensuring the television is not overhanging the edge of the supporting furniture.
 - Not placing the television on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the television set to a suitable support.
 - Not placing the television set on cloth or other materials that may be located between the television set and supporting furniture.
 - Educating children about the dangers of climbing on furniture to reach the television or its controls.

If your existing television set is being retained and relocated, the same considerations as above should be applied. (Only for the TV with mass exceeds 7 kg)

Mounting on a Wall

- An optional wall mount can be used with your television. Consult with your local dealer to purchase the recommended wall mount bracket. Carefully attach the wall mount bracket at the rear of the TV. Install the wall mount bracket on a solid wall perpendicular to the floor. If you are attaching the TV to other building materials, please contact qualified personnel to install the wall mount. Detailed instructions will be included with the wall mount. Please use a wall mount bracket where the device is adequately secured to the wall with enough space to allow connectivity to external devices.

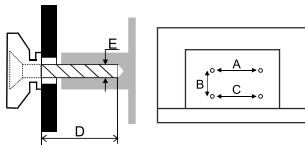


Note: The picture is only for reference.

- Disconnect the power before moving or installing the TV. Otherwise electric shock may occur.
- Remove the stand before installing the TV on a wall mount by performing the stand attachment in reverse.
- If you install the TV on a ceiling or slanted wall, it may fall and result in severe injury. Use an authorized wall mount and contact the local dealer or qualified personnel. Otherwise it is not covered by the warranty.
- Do not over tighten the screws as this may cause damage to the TV and void your warranty.

- To prevent injury, this apparatus must be securely attached to the floor/wall in accordance with the installation instructions.
- Use the screws and wall mounts that meet the following specifications. Any damages or injuries by misuse or using an improper accessory are not covered by the warranty.

Model Size			43"		50"		55"		65"	
			Top	Down	Top	Down	Top	Down	Top	Down
Screw	Diameter(mm)"E"		M6	M6	M6	M6	M6	M6	M6	M6
	Depth(mm)"D"	Max	21	14	28	28	25	25	30	30
		Min	10	5	20	20	20	20	20	20
Quantity		2	2	2	2	2	2	2	2	
A*B*C			200*200*200		200*200*200		200*200*200		200*200*200	



Note:

1. The pictures are only for reference.
2. For the TV sets with terminals towards the wall, in order to leave enough space to use the terminals, a rubber cushion is needed together with each screw to fix the wall mount. It is a small hollow pillar whose internal diameter is 8mm, external diameter is 18mm and height is ≥ 30 mm.

Precautions For Using Remote Control

- Use the remote control by pointing it towards the remote sensor. The items between the remote control and the remote sensor will interfere the normal operation.
- Do not make remote control vibrate violently. Also, do not splash liquid on the remote control, also do not put the remote control in high humidity place.
- Do not place remote control under direct sunlight which will cause deformation of the unit by heat.
- When the remote sensor is under direct sunlight or strong lighting, the remote control will not work. If so please change the lighting or TV's position, or operate the remote control closer to the remote sensor.

Precautions For Using Battery

Improper using of the battery will cause leakage. So please do as the following methods and use carefully.

1. Please note the batteries' polarity, to avoid short circuit.
2. When the battery's voltage is insufficient which affect the use range, you should replace new battery. Remove the batteries from the remote control unit if you do not intend to use it for a long time.
3. Do not use different types of batteries (for example, Manganese and Alkaline batteries) together.
4. Do not put the battery into fire, and charge or decompose the battery.
5. Please dispose batteries abide by relevant environmental protection regulation.
6. WARNING: The batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.
7. Before Bluetooth searching, please make sure you have turned external Bluetooth devices in the pairing mode. For the remote control, you can press ◀ and HOME buttons together to open its pairing mode. For other Bluetooth devices, please read their own instruction manuals for opening the pairing mode.

FCC Related Information (Only for USA)

FCC Caution:

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 instructions, may cause harmful interference to radio communications. However, there is no guarantee 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 into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Statement :

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body. This device and its antenna(s) must not be co-located or operating with any other antenna or transmitter.

IC Related Information (Only for Canada)

IC Caution:

This equipment complies with Industry Canada's licence-exempt RSS standard(s). 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 this equipment.

IC Statement :

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body. This device and its antenna(s) must not be co-located or operating with any other antenna or transmitter.

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

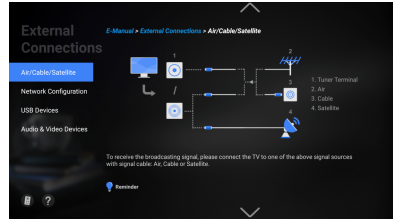
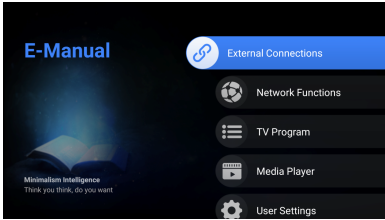
- The worst-case tilt angle(s) necessary to remain compliant with the e.i.r.p. elevation mask requirement set forth in Section 6.2.2(3) shall be clearly indicated.

BASIC OPERATION



E-Manual

E-Manual is built into your TV and can be displayed on the screen. To learn more about your TV features, access your E-Manual by referring to the following.

1. Press **HOME** button to access the home page.
2. Press **▲/▼/◀/▶** and **OK** button to select "E-Manual" in "Apps".

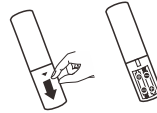


Note: The pictures are only for reference.

- 1) **Remote Control**: To check the detailed functions of remote control, please select and enter "  ".
- 2) **How to use E-Manual**: Please select and enter "  ", which can tell you how to check the E-Manual, and the meanings of specific icons or contents shown in the E-Manual, and so on.

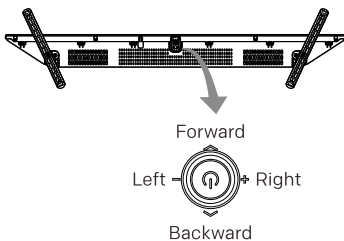
Install Remote Control Batteries

Place two AAA size batteries in the remote control's battery compartment, making sure to match the polarity markings inside the compartment.



Note: The picture is only for reference.

TV Control Button



Note: The picture is only for reference.

Press Middle:

1. In standby mode, press it to turn on the TV.
2. In working status,
 - Without the source list, short press it to access the source list.
 - With the source list, short press it to enter the selected source.
 - Long press it to exit the source list or turn the TV to standby mode.

Push Left/Right: Adjust the TV sound volume.

Push Backward/Forward: Switch channels, or select the input source in source list.

TROUBLE SHOOTING

Before calling a service technician, please check the following table for a possible cause of the symptom and some solutions.

General Problem / Solution

- **Remote control does not work**
 - Check the remote sensor on the remote control.
 - Change the batteries.
 - Batteries are not installed correctly.
 - Main power is not connected.
- **Poor Signal**

This is usually caused by interference from cell phones, walkie-talkie, automotive ignition system; neon, electric drill or other electronic equipment or radio interference sources.

Picture & Sound / Solution

- **No picture, no sound**
 - Check the signal source.
 - Plug another electrical device into the outlet to make sure it is working or turned on.
 - Power Plug is bad contact with the outlet.
 - Check the signal.
- **No sound, picture OK**
 - If no sound, do not mute or increase the sound volume.
 - Open the sound menu and adjust 'Balance'.
 - Check if a headphone has been inserted in, if so, pull out the headphone.
- **Abnormal picture**
 - For no color or bad picture quality, you may:
 1. Adjust the color option in menu settings.
 2. Keep the TV at a sufficient distance from other electronic products.
 3. Try another channel, maybe exit broadcasting signal problem.
 - Bad TV signal (Display mosaic or snowflakes)
 1. Check the signal cable and adjust the antenna.
 2. Fine tune the channel.
 3. Try another channel.

Multimedia Player / Solution

- **'This file is invalid' appears or audio is normal but video is abnormal**
 - The media file maybe damaged, check if the file can be played on the PC.
 - Check if video and audio codec is supported.
- **'Unsupported audio' appears or video is normal but audio is abnormal**
 - The media file maybe damaged, check if the file can be played on the PC.
 - Check if video and audio codec is supported.

Network / Solution (May not be available)

- **Network failure**
 - Check if the router works well.
 - For models needing USB dongle to connect to internet, check if the USB dongle is inserted well.
 - Make sure the TV has connected to the router successfully.

Browser / Solution (May not be available)

- **Web page can not be displayed completely**
 - Flash is not supported.
- **Browser is forced to be shut down**
 - Web page includes too many large pictures, thus leads to insufficient memory and close the browser.

SPECIFICATION

Working voltage:	110-240V~50/60 Hz
Dimensions without stand (W X H X D):	43": 37.72 X 21.88 X 3.58 in. 958.2 X 555.7 X 91 mm 50": 43.80 X 25.26 X 3.63 in. 1112.5 X 641.6 X 92.3 mm 55": 48.30 X 27.79 X 3.59 in. 1226.7 X 705.9 X 91.3 mm 65": 56.92 X 33.03 X 3.47 in. 1445.8 X 839 X 88.1 mm
Net weight without stand:	43": 14.77 lbs / 6.7 Kg 50": 20.50 lbs / 9.3Kg 55": 23.15 lbs / 10.5Kg 65": 37.92 lbs / 17.2Kg
RF aerial input:	75 ohm unbalanced
Language of OSD:	Multiple options
System:	DTV: ATSC ATV: NTSC
Channel coverage:	DTV: 57MHz~861MHz ATV: 55MHz~860MHz
Environment (only for Tropical climates zone):	Working temperature: 5°C~45°C (41°F~113°F) Working humidity: 20%~80% Storage temperature: -15°C~50°C (5°F~122°F) Storage humidity: 10%~90%
Environment (only for Moderate climates zone):	Working temperature: 5°C~35°C (41°F~95°F) Working humidity: 20%~80% Storage temperature: -15°C~45°C (5°F~113°F) Storage humidity: 10%~90%

Note:

Some specifications may differ by different regions or models, and please take your actual TV set as the standard.

Eye-protection Function

Prolonged exposure to blue light may cause damage to your eyesight. This TV can protect your eyes by filtering the blue light. To enjoy it, please select <MENU → More → TV Setting → Video → Picture Mode → Game> & <MENU → More → TV Setting → Video → Color Temperature → Warm>.

Note:

- 1) Please don't watch TV for long time, and please take a break every half an hour. Looking into the distance will help your eyes have a good rest.
- 2) Please take eyes exercise regularly, which can improve blood circulation, relieve asthenopia and prevent myopia.
- 3) The eye-protection function is only available for some models.

LICENSE



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