SONY®

Television

Reference Guide

BRAVIA XR

XR-85X90K / 75X90K / 65X90K / 65X90BK / 55X90K / 55X90BK

About Manuals

This TV comes with the following manuals. Please retain the manuals for future reference.

Setup Guide
• TV installation and setup.

Reference Guide (this manual) / Safety Documentation
• Safety information, remote control, troubleshooting, wall-mount installation, specification, etc.

Help Guide (On screen Manual)
• Settings, functions, Internet connection, troubleshooting, etc.
• To open it, press ⊸ (Input select) on the remote control and select [Help]. If [Help] does not exist, select [Edit] and add [Help].

• You can refer to the Help Guide with your smartphone.

https://rd1.sony.net/help/tv/jga1/h_ga/

IMPORTANT – Read the End User Software Licence Agreement before using your Sony product. Using your product indicates your acceptance of the End User Software Licence Agreement. The software licence agreement between you and Sony is available online at Sony website (https://www.sony.net/tv-software-licenses/) or on your product screen. Press ✿ (Quick Settings) on the remote control and select [Settings] → [System] → [About] → [Legal information] → [Notices and licences].

Note
• Before operating the TV, please read the "Safety Information".
• Read the supplied safety documentation for additional safety information.
• Instructions about "Installing the TV to the Wall" are included within this TV's instruction manual.
• Images and illustrations used in the Setup Guide and this manual are for reference only and may differ from the actual product.
• Setting menus are subject to change without notice due to software updates.
For latest information, visit Sony support website.

Location of the identification label
Labels for the TV Model No. and Power Supply rating are located on the rear of the TV.

Safety Information

Installation/Set-up
Install and use the TV set in accordance with the instructions below in order to avoid any risk of fire, electric shock or damage and/or injuries.

Installation
• The TV set should be installed near an easily accessible AC power outlet (mains socket).
• Place the TV set on a stable, level surface to prevent it from falling over and causing personal injury or property damage.
• Install the TV where it cannot be pulled, pushed, or knocked over.

• Install the TV so that the TV's Table-Top Stand does not protrude out from the TV stand (not supplied). If the Table-Top Stand protrudes out from the TV stand, it may cause TV set to topple over, fall down, and cause personal injury or damage to the TV.

Transporting
• Before transporting the TV set, disconnect all cables.
• Two or more persons (three or more persons for 214.8 cm (85 inches) and above TV) are needed to transport a large TV set.
• When transporting the TV set by hand, hold it as shown below. Do not put stress on the panel and the frame around the screen.
• When lifting or moving the TV set, hold it firmly from the bottom.

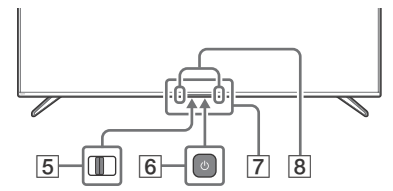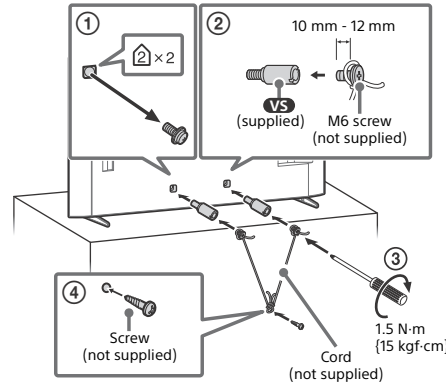XR-85X90K

XR-75X90K / 65X90K / 65X90BK / 55X90K / 55X90BK

• When transporting the TV set, do not subject it to jolts or excessive vibration.
• When transporting the TV set for repairs or when moving, pack it using the original carton and packing material.

Topple prevention
(Models with supplied support belt kit)
Refer to the Setup Guide on top of the cushion.
The supplied wood screw is only for affixing to a solid object made of wood.
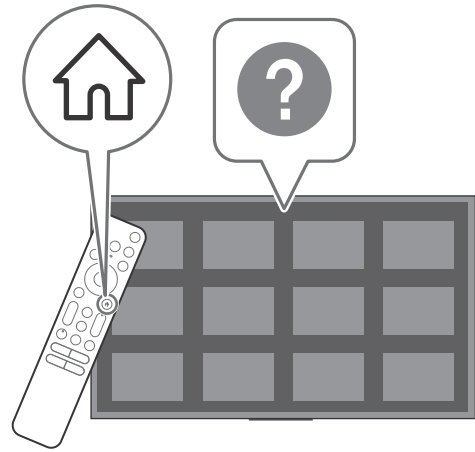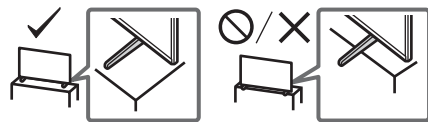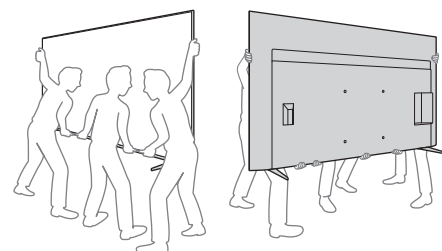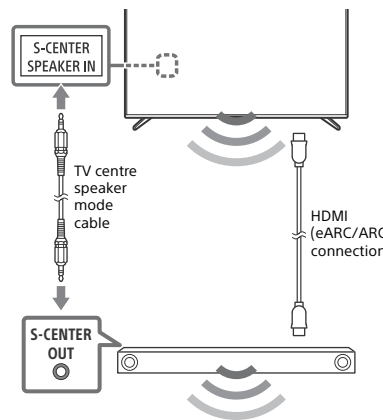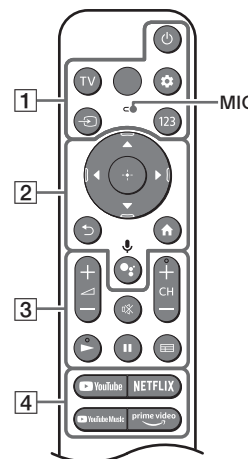
(Except models with supplied support belt kit)

① 🏠×2 ② 10 mm - 12 mm VS (supplied) M6 screw (not supplied)

④ Screw (not supplied) ③ 1.5 N·m (15 kgf·cm) Cord (not supplied)

Using TV as Part of Audio System

Note
• Before connecting cables, disconnect the AC power cord (mains lead) of both TV and AV receiver.
• Refer to the instruction manual of the Audio system with S-CENTER OUT terminal for detail.

S-CENTER SPEAKER IN

TV centre speaker mode cable

HDMI (eARC/ARC) connection

S-CENTER OUT

Remote Control and TV

The remote control shape, layout, availability and function of remote control buttons may vary depending on your region/country/TV model/TV settings*1.

① MIC

②

③

④

① ⏻ **(Power)**
   TV: Display TV channel list or switch to input.
   ✿ **(Quick settings):** Display Quick Settings.
   ⊸ **(Input select):** Display and select the input source, etc.
   123 (Control menu): Display the Control menu.

② ▲ / ▼ / ◄ / ► / ⊕: On screen menu navigation and selection.
   ↩ **(Back)**
   🏠 **(Home)**
   •: **(Google Assistant) / 🎤 (Microphone):** Use Google Assistant*2*3 or voice search*3.

③ ◿ **+ / − (Volume)**
   ⊠ **(Mute)*4**
   CH + / − (Channel)
   ► / ‖
   ▦ **(Guide):** Display the digital programme guide of TV or TV box*5.

④ **App buttons*6**

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5 6 7 8

5 **BUILT-IN MIC SWITCH*2:** Turn on/off the built-in MIC.

6 ⏻ **(Power)**

7 **Remote Control sensor / Light sensor / LED**

8 **Built-in MIC*2*3*7:** To enable the built-in MIC, press the Google Assistant/microphone button on the remote control and follow the on-screen instructions.

*1 For other remote control models, refer to the online Help Guide for details.
*2 Only for limited region/country/model/language.
*3 Google Assistant or voice search requires an Internet connection.
*4 Accessibility shortcut is available by pressing and holding ⊠ (Mute).
*5 [TV box setup] setting is required.
*6 Installation of the NETFLIX app may be required depending on your region/country.
*7 Power consumption will increase when the built-in MIC is enabled as it is always listening.

? For more information, refer to the Help Guide.
Press ⊸ (Input select) on the remote control and select [Help]. If [Help] does not exist, select [Edit] and add [Help].
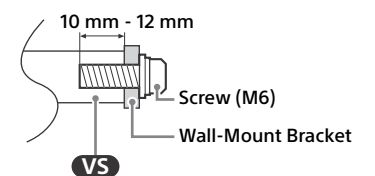
Installing the TV to the Wall

Using the optional Wall-Mount Bracket (SU-WL850 or SU-WL450)* (not supplied)

To Customers:
For product protection and safety reasons, Sony strongly recommends that installation of your TV be performed by Sony dealers or licensed contractors. Do not attempt to install it yourself.

To Sony Dealers and Contractors:
Provide full attention to safety during the installation, periodic maintenance and examination of this product.

Wall-Mount Bracket Installation Information
For instructions on Wall-Mount Bracket installation, see the Installation Information (Wall-Mount Bracket) on the product page for your TV model.
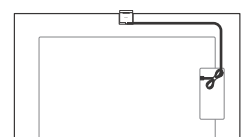https://www.sony-asia.com/support
• Follow the instruction guide provided with the Wall-Mount Bracket for your model. Sufficient expertise is required in installing this TV, especially to determine the strength of the wall for withstanding the TV's weight.
• Sony is not liable for any damage or injury caused by mishandling or improper installation.
• Only qualified service personnel should carry out wall-mount installations.
• For safety reasons, it is strongly recommended that you use Sony accessories, including:
  —Wall-Mount Bracket SU-WL850
  —Wall-Mount Bracket SU-WL450
• Be sure to use the screws supplied with the Wall-Mount Bracket when attaching the Wall-Mount Bracket to the TV set. The supplied screws are designed as indicated by illustration when measured from the attaching surface of the Wall-Mount Bracket.
The diameter and length of the screws differ depending on the Wall-Mount Bracket model.
Use of screws other than those supplied may result in internal damage to the TV set or cause it to fall, etc.

10 mm - 12 mm
Screw (M6)
Wall-Mount Bracket
VS

• Be sure to store the unused screws and Table-Top Stand in a safe place until you are ready to attach the Table-Top Stand. Keep the screws away from small children.

* Only for limited region/country/model.

Optional Camera and Microphone Unit (not supplied) Cable Management

Troubleshooting

General troubleshooting for issues like: black screen, no sound, frozen picture, TV does not respond, or network is lost, do the following steps.

1 Restart your TV by pressing the power button on the remote control for about five seconds. The TV will restart. If the TV does not recover, try unplugging the AC power cord (mains lead) then press the power button on the TV and release it. Wait for two minutes, and plug in the AC power cord (mains lead).
Or, press the power button on the TV for about 40 seconds until the TV turns off.

2 Refer to the Help menu shown below.

3 Connect your TV to the Internet and perform a software update. Sony recommends you to keep your TV software updated. Software updates provide new features and performance improvements.

4 Visit Sony support website (information provided at the end of this manual).

When you plug in the TV, the TV may not be able to turn on for a while even if you press the power button on the remote control or the TV.
It takes time to initialize the system. Wait for about one minute, then operate it again.

The remote control does not function.
• Replace the batteries.

The parental lock password has been forgotten.
• Enter 9999 for the PIN and enter the new PIN.

> **?** For more information on troubleshooting, refer to the Help Guide. Press ⊡ (Input select) on the remote control and select [Help]. If [Help] does not exist, select [Edit] and add [Help].

Specifications

System

Panel system: LCD (Liquid Crystal Display) Panel, LED Backlight
TV system: Depend on your country/area selection/TV model
　Analogue: B/G, I, D/K, M
　Digital: DVB-T/DVB-T2
Colour system: PAL/SECAM/NTSC3.58/NTSC4.43
Channel coverage: Depend on your country/area selection/TV model
　Analogue: UHF/VHF/Cable
　Digital: UHF/VHF
Sound output: 10 W + 10 W + 5 W + 5 W
Wireless technology
　Protocol IEEE 802.11a/b/g/n/ac
　Bluetooth® Version 4.2

Input/Output jacks

Antenna (aerial)/cable
　75 ohm external terminal for VHF/UHF
⊡ / ⊡ VIDEO IN / S-CENTER SPEAKER IN
　Video/Audio input (mini jack)
　S-centre speaker input (mini jack)
HDMI IN 1/2/3/4 (HDCP 2.3-compatible)
　Video:
　4096 × 2160p (50, 60 Hz)*1*2, 4096 × 2160p (24 Hz)*1, 3840 × 2160p (50, 60 Hz)*2, 3840 × 2160p (24, 25, 30 Hz), 1080p (30, 50, 60, 100, 120 Hz), 1080/24p, 1080i (50, 60 Hz), 720p (30, 50, 60 Hz), 720/24p, 576p, 480p, PC Formats*3
　3840 × 2160p (100, 120 Hz)*2*4
　Audio:
　In eARC (Enhanced Audio Return Channel) mode
　　Refer to the online Help Guide for details.
　Except eARC mode
　　5.1 channel linear PCM: 32/44.1/48/88.2/96/ 176.4/192 kHz 16/20/24 bits, Dolby Audio, Dolby Atmos, DTS
eARC/ARC (Enhanced Audio Return Channel/Audio Return Channel) (HDMI IN 3 only)*5
　In eARC mode
　　Refer to the online Help Guide for details.
　In ARC mode
　　Two channel linear PCM: 48 kHz 16 bits, Dolby Audio, Dolby Atmos, DTS
↪ DIGITAL AUDIO OUT (OPTICAL)
　Digital optical jack (Two channel linear PCM: 48 kHz 16 bits, Dolby Audio, DTS)
⌢ (Stereo mini jack)
　Headphone
⟜ 1, ⟜ 2
　USB port 1 supports High Speed USB (USB 2.0)
　USB port 2 supports Super Speed USB (USB 3.2 Gen 1)
⟦⟧ LAN
　10BASE-T/100BASE-TX connector (Depending on the operating environment of the network, connection speed may differ. The communication rate and quality are not guaranteed.)

Power and others

Power requirements
　220 V - 240 V AC, 50/60 Hz
Screen size (measured diagonally) (Approx.)
　XR-85X90K: 85 inches / 214.8 cm
　XR-75X90K: 75 inches / 189.3 cm
　XR-65X90K / 65X90BK: 65 inches / 163.9 cm
　XR-55X90K / 55X90BK: 55 inches / 138.8 cm
Power consumption
　Indicated on the rear of the TV

Standby power consumption*6*7
　Jordan/UAE/Egypt: 0.50 W, Others: 0.5 W
Display resolution (horizontal × vertical) (pixels)
　3840 × 2160
Output rating
　500 mA (for USB 1), 900 mA (for USB 2)

Dimensions (Approx.) (w × h × d) (mm)
with Table-Top Stand
　Standard position:
　XR-85X90K: 1901 × 1125 × 469
　XR-75X90K: 1675 × 992 × 398
　XR-65X90K / 65X90BK: 1452 × 863 × 331
　XR-55X90K / 55X90BK: 1233 × 740 × 331
　Soundbar position:
　XR-85X90K: 1901 × 1165 × 469
　XR-75X90K: 1675 × 1032 × 398
　XR-65X90K / 65X90BK: 1452 × 903 × 331
　XR-55X90K / 55X90BK: 1233 × 780 × 331
without Table-Top Stand
　XR-85X90K: 1901 × 1090 × 73
　XR-75X90K: 1675 × 962 × 73
　XR-65X90K / 65X90BK: 1452 × 834 × 72
　XR-55X90K / 55X90BK: 1233 × 711 × 72

Stand width (Approx.) (mm)
　XR-85X90K: 1567
　XR-75X90K: 1361
　XR-65X90K / 65X90BK: 1174
　XR-55X90K / 55X90BK: 1027

Mass (Approx.) (kg)
with Table-Top Stand
　XR-85X90K: 47.5
　XR-75X90K: 35.8
　XR-65X90K / 65X90BK: 24
　XR-55X90K / 55X90BK: 18.5
without Table-Top Stand
　XR-85X90K: 45.8
　XR-75X90K: 34.4
　XR-65X90K / 65X90BK: 22.9
　XR-55X90K / 55X90BK: 17.4

Others
Optional accessories
　Wall-Mount Bracket: SU-WL850 (XR-75X90K / 65X90K / 65X90BK / 55X90K / 55X90BK only)
　Wall-Mount Bracket: SU-WL450
　Camera and Microphone Unit: CMU-BC1
Operating temperature: 0 ℃ – 40 ℃

*1　When 4096 × 2160p is input and [Wide mode] is set to [Normal], the resolution is displayed as 3840 × 2160p. To display 4096 × 2160p, set [Wide mode] setting to [Full 1] or [Full 2].
*2　Refer to the on screen menu to set [HDMI signal format].
*3　Refer to the online Help Guide for details.
*4　HDMI IN 3 & 4 only. Use the Ultra High Speed HDMI Cable to connect.
*5　Connect your audio system to the HDMI IN 3 to route TV audio to your audio system.
*6　Specified standby power is reached after the TV finishes necessary internal processes.
*7　Standby power consumption will increase when your TV is connected to the network.
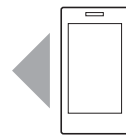
Note
• Optional accessories availability depends on countries/ region/TV model/stock.
• Design and specifications are subject to change without notice.
• Subscriptions for services and applications may be required and additional terms, conditions and/or charges may apply when using Google Assistant.

Notes on Digital TV function
• Any functions related to Digital TV (DVB) will only work in countries or areas where DVB-T/DVB-T2 (MPEG-2 and H.264/MPEG-4 AVC) digital terrestrial signals are broadcast. Please confirm with your local dealer if you can receive a DVB-T/DVB-T2 signal where you live.
• This TV set complies with DVB-T/DVB-T2 specifications, but compatibility with future DVB-T/ DVB-T2 digital terrestrial broadcasts are not guaranteed.
• Some Digital TV functions may not be available in some countries/areas.

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