

Samsung HC69x Series

Slim profile and robust functionality
designed for premium hospitality
environments



Highlights

- Create a sophisticated viewing environment with a premium slim design and state-of-the-art technology
- Offer an upgraded guest experience with wireless connection to personal devices
- Customize important hotel content using brand new Samsung LYNK™ SINC 3.0
- Provide convenient Home Menu for guests even in no-network environments
- Control expenditures with simplified device management and optimized resource management

Create an enhanced in-room entertainment experience

Owners and managers of premium hotels want to provide the superior quality in-room experience that sophisticated travelers expect. In addition, many premium TVs on the market provide a varied selection of features, but include an interface that is difficult to use.

Samsung HC69x Series displays are integrated, high-performing TVs that include many desirable features and an interface designed for ease of use. These displays contribute to a pleasant room ambiance and superior viewing experience because of their slim, streamlined design. With smart connectivity features, the screens offer myriad entertainment options for guests. Hotel staff members can customize the welcome menu with a straightforward interface. Additionally, hotels can stay on budget with affordable content-streaming options and other cost-saving features.

Upgrade premium hotel suites with superior display design

HC69x Series displays are designed especially for 4-star hotels. The displays feature a slim design and create an elevated level of sophistication to enhance the ambiance of high-end hotel rooms.

HC69x Series displays feature Samsung's advanced LED technology that yields an ultra-thin profile. The slim profile enables the displays to fit perfectly into tight hotel room spaces and further elevates the in-room decor.

The displays also feature a narrow bezel. Without a cumbersome frame, the displays virtually blend into the background, allowing guests to focus on the images projected rather than the equipment delivering them.



Figure 1. HC69x Series displays enrich premium hospitality environments with a superior display design.

Convenience features increase ease of management and enhance the guest experience

Offer flexible entertainment through convenient wireless connectivity

HC69x Series displays transform the guest experience by providing an in-room, multi-device entertainment hub with the following features:

Smart View

Smart View is an easy TV-mobile interaction feature that enables guests to watch TV channels on a broad range of mobile devices. Smart View TV-to-mobile interaction includes Live Channel Mirroring for all channels using a Samsung GALAXY® device and free-to-air channels (only) using an iPhone®. Mobile-to-TV interaction pushes content such as photos, videos and music files through an intuitive interface available on the mobile device to the TV for easy selection and viewing. Mobile-to-TV interaction is not restrictive of the mobile device platform used. Guests can enjoy their mobile contents on the larger in-room TV.

Screen Mirroring

Screen Mirroring enables guests to share the screen of a mobile device on the TV. This sharing capability includes the screen configuration in addition to content. This means that the TV displays exactly what displays on the mobile device, with no content restrictions.

AllShare®

AllShare technology, powered by the Digital Living Network Alliance (DLNA), enables guests to play personal content through a wireless connection on their room TVs. Content includes movies, photos and music.

Soft AP

Soft AP provides a software access point (AP) or hotspot. Up to four devices can connect wirelessly to the AP. Hotel managers can change the signal level and channel of the Soft AP to suit the connectivity environment of different rooms.

Tailor the in-room display as an information and entertainment hub with a fully customizable content management solution

With LYNK SINC 3.0, hotels can provide guests with a variety of information in a customized display menu. The LYNK SINC solution offers the following benefits:

Customizable User Interface (UI)

The interface features a content-box type template for flexibility and ease of use. The new interface offers a more detailed grid-type layout that enables hotels to design unique, highly customized home screens that promote branding and impress guests.



Figure 2. LYNK SINC 3.0 UI enables full customization for creating a unique hotel identity

Wireless, information and channel options satisfy guest requirements

Efficient Management

LYNK SINC 3.0 provides organizing guests into groups which allows various services such as message, channel and content to be managed per different groups or even to individual guests. The ability to monitor in-room TV status as well as controlling TVs, such as power and firmware update, offers hotels an efficient means to manage their assets. Hotels can create unique channel list and edit customer channel mapping of available channels to tailor channels as hotels want.

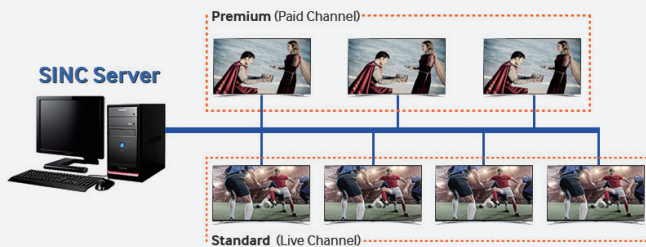


Figure 3. Hotels can organize guests into groups and manage message, channel and content per different groups or even individual guests.

Easy and Convenient Guest Experience

Ease-of-use features include the TV display of all necessary information such as hotel services, tourist information, weather, flight information and so on. Multiple languages are supported.

In addition, Samsung apps and TV features enable guests to use familiar apps through the SINC solution, including Facebook®, Twitter® and YouTube™. Guests can link to content, apps and people with TV features such as Screen Mirroring, AllShare, Soft AP and more.

Free Weather Information

Weather information can be provided free of charge from third-party service providers of choice. The weather information is automatically updated, providing guest with the latest weather information for planning their outdoor activities.

Timely Flight Information

Hotels can select airport flight information from third-party service providers of choice. Availability of up-to-date flight information is a great benefit to guests who want to coordinate their checkout time with their flight departure.

Convenient Messaging Services

Hotels can provide real-time messages for a person or a group of guests based on guest information from a PMS server.

LYNK DRM delivers robust security functions with greater flexibility

Provide convenience even in a no-network environment

HC69x Series displays offer an alternative way for hotels to enhance guests' convenience. With the Hospitality Home Menu, hotels can provide guests with a simple home screen that displays a live channel stream and shows additional information such as the time and date, a welcome message and hotel information. Easy access to commonly used features is also available from the Hospitality Home Menu. The welcome message, hotel information, and easy access features can be edited from the factory mode. The customizations made to the Home Menu can be easily cloned to a USB, which can then be used to apply the same customization to other Samsung Hospitality Displays.

Minimize overall TCO with cost-saving and energy efficient features

Samsung HC69x Series offers many features to help businesses save energy and reduce expenses. The cost-effective displays eliminate the need for STBs, SI dependency and maintenance fees. Installation costs are also low. In addition, the LED displays are cost-effective because they use less energy, emit less carbon dioxide (CO₂) and require less maintenance. The displays are built with fewer harmful materials than cold cathode fluorescent lamps (CCFLs), so manufacturing and recycling processes are more efficient and environmentally friendly.

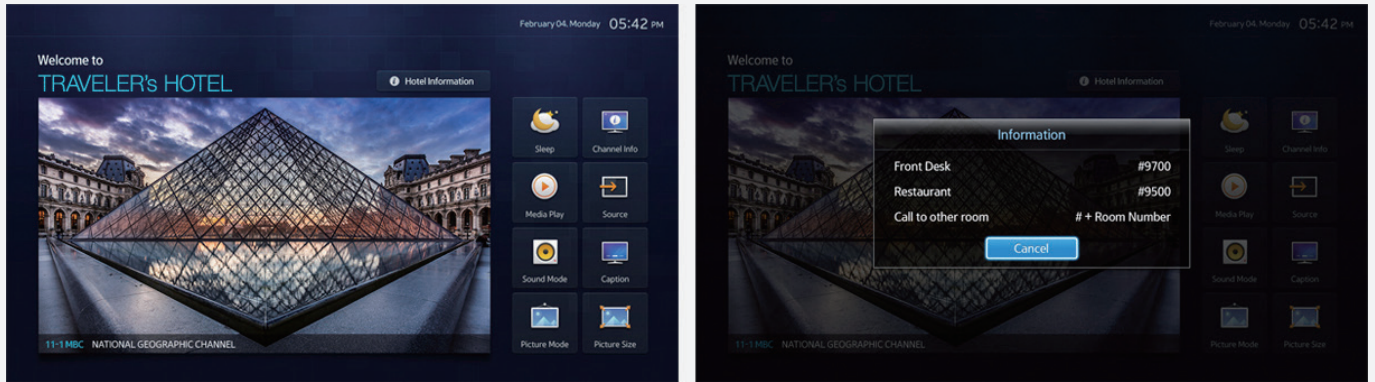


Figure 5. Guests can access the welcome message and hotel information easily through the Hospitality Home Menu

Samsung HC690Series

HC690 (China)

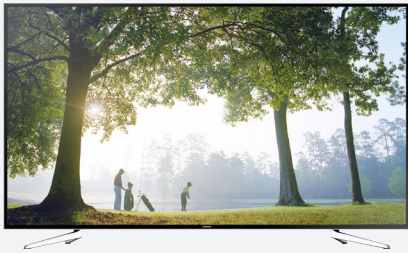
40" / 48" / 60" / 65" / 75"



- HG40AC690DJ
- HG48AC690DJ

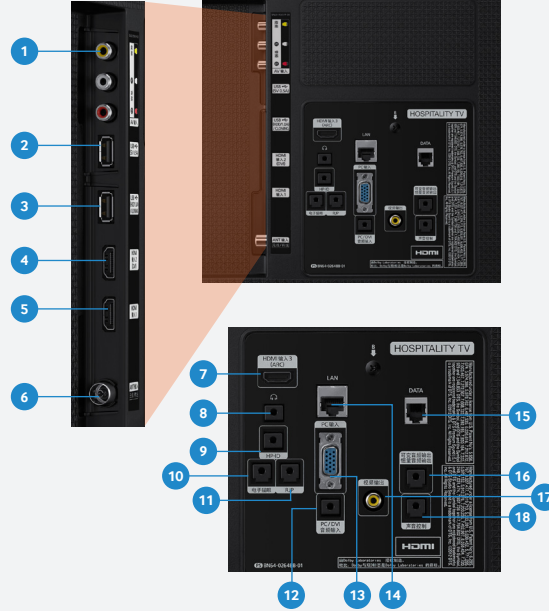


- HG60AC690FJ
- HG65AC690FJ



- HG75AC690FJ

Connectors



1. COMPONENT / AV-IN
2. USB
3. USB
4. HDMI IN 2 (DVI)
5. HDMI IN 1
6. ANT IN (AIR/CABLE)
7. HDMI IN 3 (ARC)
8. HEADPHONE
9. HEADPHONE ID
10. DOOR-EYE
11. RJP
12. PC/DVI AUDIO IN
13. PC IN
14. RJ45 (LAN)
15. DATA
16. VARIABLE AUDIO OUT
17. VIDEO OUT
18. VOL-CTRL

Samsung HC690Series

HC690 (Hongkong)

40" / 48" / 60" / 65"

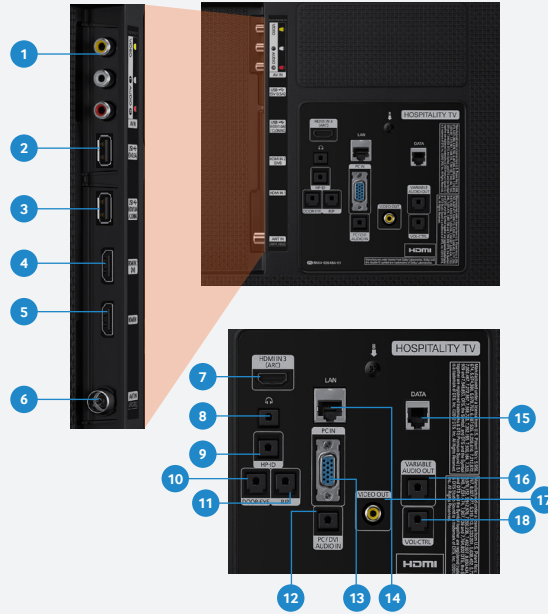


- HG40AC690DJ
- HG48AC690DJ



- HG60AC690FJ
- HG65AC690FJ

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Samsung HC690 Series

Specifications

		40HC690	48HC690	60HC690	65HC690	75HC690 (China only)
Display	Backlight	LED				
	Inch	40	48	60	65	75
	HD/FHD	FHD				
	Resolution	1,920 x 1,080				
Video	Picture Engine	HyperReal Engine				
	Static Contrast Ratio	5000:1		4500:1	4000:1	5000:1
	Response Time	8ms		4ms	6.5ms	4ms
	Viewing angle (Horizontal/ Vertical)	178/178		176/176	178/178	
	Brightness	350 cd/m ²				
	Micro Dimming	N/A		Micro Dimming		
	Wide Color Enhancer Plus	Yes				
	Auto Motion Plus	N/A		100Hz		
	Film Mode	Yes				
	Audio	Dolby	Dolby MS10			
DTS Studio Sound / DNSe+		DTS Studio Sound				
DTS Premium Sound / DTS Premium Sound 5.1		DTS Premium Sound 5.1				
3D Sound		N/A				
Auto Volume Leveler		Yes				
Speaker Type		Down Firing + Full Range				
Sound Output (RMS)		10W X 2				
Woofer		N/A				
Feature	Variable Speaker Output	4W (Mono, 8Ω)				
	Smart Hub	Yes				
	Apps	Yes				
	Web Browser	Yes				
	Samsung Smart View	Yes				
	Voice Control	N/A				
	Samsung 3D	N/A		Yes		
	3D Converter	N/A		Yes		
	Wireless LAN Built-in	Yes				
	AllShare - Contents Sharing	Yes				
	AllShare - Screen Mirroring	Yes				
	ConnectShare™ (USB 2.0)	Movie				
	Wake On LAN	Yes				
	Soft AP	Yes				
BT HID Built-in	Yes					

Samsung HC690 Series

Specifications

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USB HID Support			Yes		
TV SoundConnect			Yes		
OSD Language			Local Languages		
Digital Clean View			Yes		
HDMI 1.4 3D Auto Setting			Yes		
HDMI 1.4 A / Return Ch. Support (ARC)			Yes		
Anynet+ (HDMI-CEC)		N/A		Yes	
BD Wise Plus			Yes		
Auto Channel Search			Yes		
Auto Power Off			Yes		
EPG			Yes		
Caption (Subtitle)			Yes		
Wake-up Timer			Yes		
Sports Mode 2.0			Basic		
Game Mode			Yes		
Picture-In-Picture			Yes		
Sleep Timer			Yes		
Hospitality Home Menu			Yes		
Samsung LYNK™ REACH Server Compatibility			Yes		
Samsung LYNK™ REACH Server Compatibility			Yes		
Samsung LYNK™ SINC Compatibility			Yes		
H.Browser Compatibility			Yes		
Hospitality Plug&Play (Easy Set-up)			Yes		
RJ 12 / IR Pass Through			Yes		
Power on Mode			Yes		
USB Cloning			Yes		
Hotel Channel List			Yes		
Logo Display with Time Out Setting (BMP/Movie)			Yes		
Welcome Message			Yes		
Music Mode (Input : PC/AV/ Component/HDMI)			Yes		
Music Mode BackLight on/off			Yes		

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Specifications

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Hospitality Feature	Auto Source Mode			Yes		
	Energy Saving Mode(BLU control)			Yes		
	Clock Back Up Supply			Yes		
	Software Clock			Yes		
	My Channel			Yes		
	Multi Code Remote Control			Yes		
	Screwed Remote Battery Cover			Yes		
	On/Off Timer (Schedule)			Yes		
	Smovie Compatibility			Yes		
	Sound bar compatibility			Yes		
Input & Output	HDMI (Side/Rear)			2/1		
	USB (Side/Rear)			2/0		
	Component In (Y/Pb/Pr) (Side/Rear)			No		
	Composite In (AV) (Side/Rear)			1/0		
	Ethernet (LAN) (Side/Rear)			0/1		
	Headphone (Side/Rear)			0/1		
	Headphone ID (Side/Rear)			0/1		
	Digital Audio Out (Optical) (Side/Rear)			No		
	Audio Out (Mini Jack) (Side/Rear)			No		
	PC In (D-sub) (Side/Rear)			0/1		
	PC/DVI Audio In (Mini Jack) (Side/Rear)			0/1		
	RF In (Terrestrial/Cable input) (Side/Rear)			1/0		
	RS232C			Yes (Common Use for RJ12)		
	Variable Audio Out (Side/Rear)			0/1		
	Variable Audio Out Volume Control (Side/Rear)			0/1		
	RJ12 for External Control (Side/Rear)			0/1		
	RJP Jack (Remote Jack Pack) (Side/Rear)			0/1		
Video Out (Side/Rear)			0/1			
Door-Eye (Side/Rear)			0/1			

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Specifications

		40HC690	48HC690	60HC690	65HC690	75HC690 (China only)
System	DTV Tuner	DTMB				
	Analog Tuner	Yes				
Design	Front Color	Black				
	Stand Type	Square		Edge Quad		Branch
	Swivel (Left/Right)	90/90		15/15		N/A
Dimension	Set Dimension with Stand (W x H x D) (mm)	906.6*577.6*226.5	1075.1*673.5*226.5	1375.6 * 869.0 * 308.2	1465.4 * 927.8 * 377.0	1687.0 * 1047.9 * 350.3
	Set Dimension without Stand (W x H x D) (mm)	906.6*532.9*65.1	1075.1*627.6*65.5	1375.6 * 796.2 * 64.4	1465.4 * 845.3 * 70.9	1687.0 * 970.0 * 70.9
	Package Dimension (W x H x D) (mm)	1100*616*120	1292*730*133	1685.0 * 905.0 * 165.0	1833.0 * 954.0 * 180.0	1810.0 * 1085.0 * 250.0
Weight	Set Weight with Stand (kg)	10.7	14	23.8	28.7	35
	Set Weight without Stand (kg)	7.8	11.1	21.8	25.1	33.1
	Package Weight (kg)	12.3	17.5	29.5	35.6	44.9
VESA	VESA Mount (mm)	200 x 200		400 x 400		
	VESA Screw Size	M8				
Power	Power Supply (V)	AC100-240V 50/60Hz			AC220-240V 50/60Hz	
	Power Consumption (Rated) (Watts)	107	122	188	217	280
	Power Consumption (Stand-by) (Watts)	0.3				
	Power Consumption (Typical) (Watts) (China only)	55	65	110	120	155
Eco	Eco Sensor	Yes				
	Energy Efficiency Class (China only)	3	2	3		
Accessory	Remote Controller Model	TM1240				
	Battery (for Remote Control)	Yes				
	Mini Wall Mount Support	Yes				No
	Vesa Wall Mount Support	Yes				
	Power Cable	Yes				
	3D Glasses (Included)	No			Yes	
	Slim Gender Cable	N/A				
	Quick Install Guide	Yes				
Stand Mount Kit	Yes			No		

Legal and additional information

About Samsung

Samsung Electronics Co., Ltd. is a global leader in technology, opening new possibilities for people everywhere. Through relentless innovation and discovery, we are transforming the worlds of TVs, smartphones, tablets, PCs, cameras, home appliances, printers, LTE systems, medical devices, semiconductors and LED solutions. We employ 286,000 people across 80 countries with annual sales of US\$216.7 billion. To discover more, please visit www.samsung.com.

For more information

For more information about Samsung HC69x Series displays, visit www.samsung.com/business or www.samsung.com/displaysolutions

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1. This feature is available only in the European HB765 model.

Samsung Electronics Co., Ltd.
416, Maetan 3-dong,
Yeongtong-gu
Suwon-si, Gyeonggi-do 443-772,
Korea

www.samsung.com

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