

Samsung HC460 Series

Specialized yet economic hospitality displays for hotels with essential functionality



Highlights

- Enjoy viewing experience with stylish LED displays for hospitality guests
- Provide HD resolution with affordable cost and centrally manageable hospitality displays
- Streamline content management with Samsung LYNK™ REACH 3.0 solution user interface (UI) and editing tool
- Cut costs and enhance security with Samsung's software-based LYNK Digital Rights Management (DRM) technology
- Elevate the guest experience with an enhanced Home menu

Address guest needs and staff requirements with consistent hospitality displays

Successful hoteliers know that travelers expect in-room entertainment similar to what they experience at home. However, hotel owners and managers must control costs when investing in new displays. Finding an affordable in-room display with essential functionality, superior performance and a modern design can be a challenge.

Samsung HC460 Series high-performing displays include many features hoteliers need, at a reasonable cost. The modern, streamlined design of these displays contributes to a pleasant room ambiance and superior viewing experience. The displays include content tools to simplify content management by hotel staff. In addition, the displays help reduce costs with enhanced technology and energy-saving features.

Create an enhanced in-room entertainment environment

High-quality displays in guest rooms can contribute to an enjoyable hotel stay. With the modern design of Samsung HC460 Series displays, hoteliers can elevate guests' viewing experience. Light and unobtrusive, the displays feature a narrow bezel, providing more viewing area. Such details bring hotel guests a richer viewing experience and improve the hotel brand.



Figure 1. HC460 Series display contributes to a pleasant room ambiance and superior viewing experience with the modern, streamlined design

Offer an enriching hotel guest experience with a wide range of entertainment options

Simplify information updates with intuitive tools

LYNK REACH 3.0 is a specialized solution for hospitality environments that provides a simplified UI and editing tool. This tool organizes and displays content, such as hotel information, images, using existing infrastructure. Editable templates are provided for creating a fully customizable UI. Also provided is a new template that supports advertisements with live channels for the hotel lobby and restaurants. The ability to include advertisements on the displays during broadcasts provides an additional revenue stream for hotels.

Weather and flight information can also be made available for the convenience of guests using the REACH UI. Information updates are provided automatically by utilizing various third-party service providers.

The REACH server provides a straightforward way to manage several hundred hospitality displays remotely. This system helps reduce labor costs associated with updating each display individually. The technology also helps reduce total cost of ownership (TCO) because no set-top box (STB) or Internet Protocol (IP) infrastructure is needed.

With remote upgrades using the LYNK REACH Server, staff members can eliminate service limitations and interruptions, leaving them more time to deliver customer services



Figure 2. The REACH server allows hoteliers to manage several hundred hospitality displays remotely

The REACH interface is designed to display content on in-room screens and provide PC-based content management for hotel personnel. In-room screen content includes hotel information and marketing messages for guests. The interface helps content managers readily edit and manage information and the content can be provided from the REACH server.

To further customize in-room content for guests, REACH offers additional conveniences for the hotel manager, such as creating content for specific groups of guests. Various guests can be assigned to groups that have similar sets of channels and content needs.

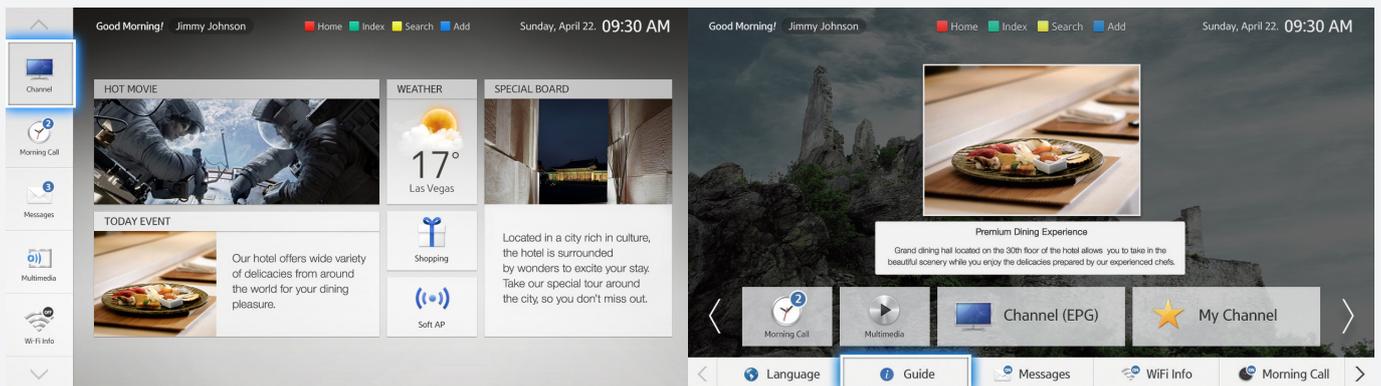


Figure 3. The REACH UI can be customized to provide hotels with a look uniquely their own



Lower expenditures and save energy using innovative technology

Provide convenience even in a no-network environment

HC460 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. Plus, the home screen 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.

Enhance content protection with a pure software DRM solution

Samsung LYNK DRM technology provides hoteliers, facility managers and owners with a safeguarded and cost-effective alternative to traditional hardware-based content protection systems. This technology allows encrypted content to pass safely to display on hospitality screens.

A software-only implementation, Samsung LYNK DRM technology provides quicker recovery for Conditional Access System (CAS) problems. Enhanced functions include support for a video-on-demand (VoD) system. To help ensure reliability, the technology also supports additions to cable head-end equipment.

Dedicate the remote controller for up to 10 different groups of displays

Samsung Hospitality Displays include a multi-code remote controller, which can be dedicated to a specific group of displays. The manager can create up to 10 groups and dedicate the remote controller to one specific group. Once the remote controller is dedicated to a specific group, it will only affect the displays in that group. In places where many displays show different channels, such as gym, this feature minimizes the entanglement of the remote controller signal and provides comfortable and personalized service to the guests.

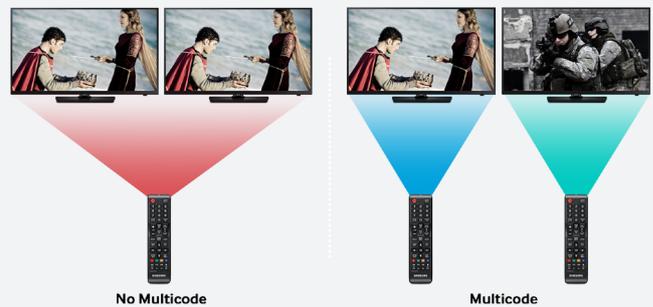


Figure 4. Multicode remote controllers for targeted display control

Improve the bottom line with energy-efficient features

Samsung HC460 Series displays offer many features to help businesses save energy and reduce costs. The LED displays are cost-effective because they use less energy, emit less carbon dioxide (CO₂) and require less maintenance than conventional hospitality displays. Additionally, 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.

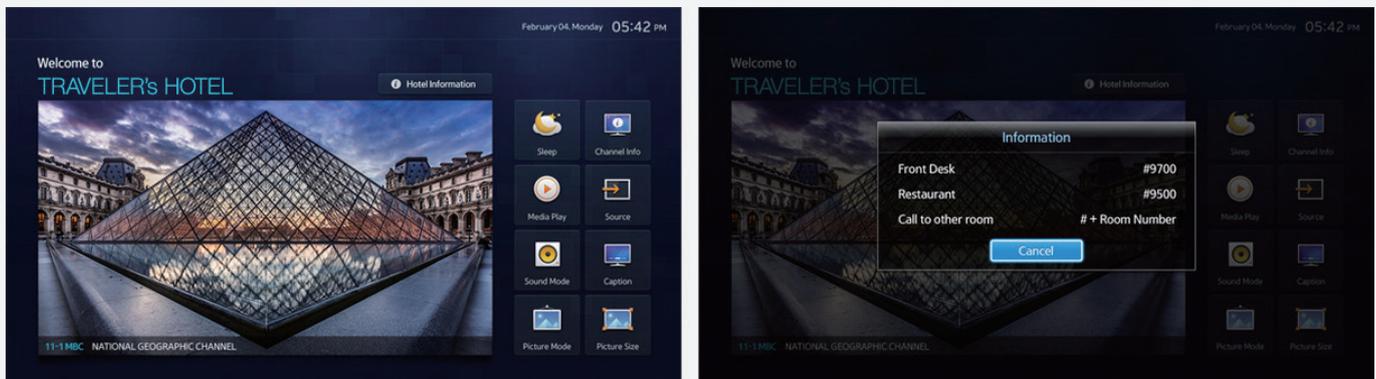


Figure 5. Guests can access the welcome message and hotel information easily through the Hospitality Home Menu

Samsung HC460 Series

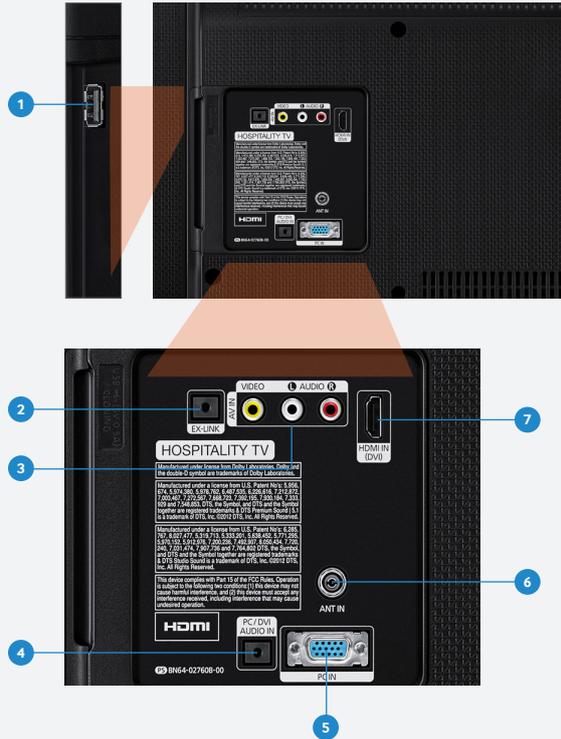
HC460

40" / 48"



- HG40NC460KF
- HG48NC460KF

Connectors



1. USB
2. RJP
3. AV IN
4. PC / DVI
5. PC IN
6. ANT IN
7. HDMI IN (DVI)

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Samsung HC460 Series

Specifications

		40HC460	48HC460
Display	Backlight	LED	
	Inch	40	48
	HD/FHD	HD	
	Resolution	1,366 x 768	
Video	Picture Engine	HyperReal Engine	
	Static Contrast Ratio	'5000:1	
	Response Time	8ms	6ms
	Viewing angle (Horizontal/Vertical)	178/178	
	Brightness	250cd/m2	
	Micro Dimming	N/A	
	Wide Color Enhancer Plus	Yes	
	Auto Motion Plus	N/A	
Audio	Film Mode	Yes	
	Dolby	Dolby Digital Plus / Dolby Pulse	
	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	
Feature	Woofer	N/A	
	Variable Speaker Output	N/A	
	Smart Hub	N/A	
	Apps	N/A	
	Web Browser	N/A	
	Samsung Smart View	N/A	
	Voice Control	N/A	
	Samsung 3D	N/A	
	3D Converter	N/A	
	Wireless LAN Built-in	No	
	AllShare - Contents Sharing	N/A	
	AllShare - Screen Mirroring	N/A	
ConnectShare™ (USB 2.0)	Movie		
Wake On LAN	N/A		
Soft AP	No		
BT HID Built-in	N/A		
USB HID Support	N/A		

Samsung HC460 Series

Specifications

		40HC460	48HC460
Feature	TV SoundConnect		N/A
	OSD Language		English, Spanish, French
	Digital Clean View		Yes
	USB HID Support		N/A
	HDMI 1.4 3D Auto Setting		N/A
	HDMI 1.4 A / Return Ch. Support (ARC)		No
	Anynet+ (HDMI-CEC)		Yes
	BD Wise Plus		N/A
	Auto Channel Search		Yes
	Auto Power Off		Yes
	EPG		Yes
	Teletext (TTX)		Yes
	Caption (Subtitle)		Yes
	Wake-up Timer		Yes
	Sports Mode 2.0		No
	Game Mode		Yes
	Picture-In-Picture		Yes
	Sleep Timer		Yes
Hospitality Feature	Hospitality Home Menu		Yes
	Samsung LYNK™ REACH		Yes
	Samsung LYNK™ REACH Server Compatibility		Yes
	Samsung LYNK™ SINC Compatibility		No
	H.Browser Compatibility		No
	Hospitality Plug&Play (Easy Set-up)		Yes
	RJ 12 / IR Pass Through		No
	Power on Mode		Yes
	USB Cloning		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
	Auto Source Mode		Yes
	Energy Saving Mode(BLU control)		Yes

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Specifications

		40HC460	48HC460
Hospitality Feature	Clock Back Up Supply		No
	Software Clock		No
	Multi Code Remote Control		Yes
	Screwed Remote Battery Cover		Yes
	Security Mode		Yes
	Smovie Compatibility		Yes
	Sound bar compatibility		No
	Samsung LYNK™ DRM		Yes
	Pro:Idiom		No
	bLAN		No
Input & Output	HDMI (Side/Rear)		0/1
	USB (Side/Rear)		1/0
	Component In (Y/Pb/Pr) (Side/Rear)		No
	Composite In (AV) (Side/Rear)		0/1
	Ethernet (LAN) (Side/Rear)		N/A
	Headphone (Side/Rear)		No
	Headphone ID (Side/Rear)		No
	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)		0/1
	RS232C		No
	Pillow Speaker Jack (Side/Rear)		No
	Variable Audio Out (Side/Rear)		No
	Variable Audio Out Volume Control (Side/Rear)		No
	RJ12 for External Control (Side/Rear)		No
RJP Jack (Remote Jack Pack) (Side/Rear)		0/1	

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Specifications

		40HC460	48HC460
System	DTV Tuner	ATSC / Clear QAM	ATSC / Clear QAM
	Analog Tuner		Yes
Design	Front Color		Black
	Stand Type		Square
	Swivel (Left/Right)		No
Dimension	Set Dimension with Stand (W x H x D) (mm)	914.2 x 586.4 x 196.4	1083.2 x 677.0 x 203.9
	Set Dimension without Stand (W x H x D) (mm)	914.2 x 547.9 x 90.9	1083.2 x 637.8 x 90.9
	Package Dimension (W x H x D) (mm)	1060.0 x 606.0 x 142.0	1292 x 720 x 155
Weight	Set Weight with Stand (kg)	7.6	9.9
	Set Weight without Stand (kg)	7.0	9.1
	Package Weight (kg)	9.5	13.7
VESA	VESA Mount (mm)	200 x 200	
	VESA Screw Size	M8	
Power	Power Supply (V)	AC110-120V 60Hz	
	Multi Voltage	AC110-220V	AC110-220V
	Power Consumption (Rated) (Watts)	70	82
	Power Consumption (Stand-by) (Watts)	0.2	0.2
	Power Consumption (Typical) (Watts)	20.4	25
Eco	Eco Mark	Energy Star 6.1	Energy Star 6.1
	Eco Sensor		Yes
Accessory	Remote Controller Model		TM1240
	Battery (for Remote Control)		Yes
	Mini Wall Mount Support		Yes
	Vesa Wall Mount Support		Yes
	Power Cable		Yes
	Data Cable		No
	Quick Install Guide		Yes
	Security Screws		No
	Stand Mount Kit		No

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Legal and additional information

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For more information

For more information about Samsung HC460 Series displays, visit www.samsung.com/business or www.samsung.com/displaysolutions

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