

# Samsung Hospitality Displays

## HJ670U Series (North America)

### Highlights

- Elevate featured content to UHD resolution through dedicated upscaling technology
- Improve picture clarity and detail with HDR10+ refinement
- Streamline operations through coaxial infrastructure compatibility
- Gauge and address maintenance needs in anticipation of guest needs
- Tailor content and home menu creation to suit guests' individual needs
- Enjoy in-depth monitor performance visibility across the powerful TIZEN operating system



### UHD-Quality Content Delivery



Samsung's hospitality displays offer hotel guests the vivid picture quality of home entertainment systems on their in-room screens. Through UHD upscaling technology, these refined displays showcase all content at UHD resolution (3,840 x 2,160), and with four times the pixels of the FHD standard.

### Refined Picture Quality



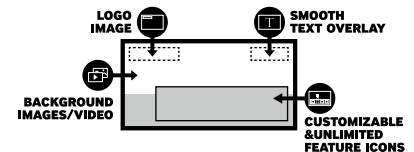
Beyond consistent UHD quality, Samsung's displays bring the power of High Dynamic Range (HDR10+) picture refinement to any hotel room. Using dynamic metadata that fine-tunes each frame within a given program, HDR10+ technology delivers an optimal, detail-rich and memorable viewing experience.

### Powerful Performance, Enhanced Security



Backed by the powerful TIZEN operating system, Samsung hospitality displays reinforce secure content delivery across the application, platform and system layers. The powerful TIZEN technology also enables rendering of 2D and 3D content with faster upload and response times.

### A Tailored Home Menu



Each Samsung hospitality display includes an intuitive, customizable home menu that streamlines content exchange between hotels and guests. Content managers can easily incorporate images, logos and feature icons specific to guest needs, and which reinforce special offers and hotel branding.

### Seamless Coaxial Network Integration

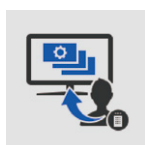


As a unified, coaxial-compatible content management solution, LYNK REACH 4.0 amplifies service processes and maintains consistent hotel-to-guest interaction. Through the platform's centralized, real-time monitoring, hotel managers can quickly remedy issues across single displays or display groups.

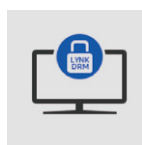
### Personalized Guest Engagement



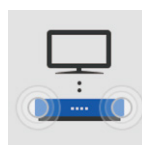
Coaxial-structured hotels additionally can use LYNK REACH 4.0 to deliver customized messages to guests relevant to their specific stay details or interests. As guests arrive, hotel operators can greet them with a personalized welcome message while also promoting on-site amenities and promotions.



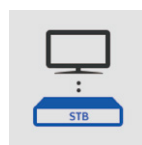
Plug and Play



LYNK DRM



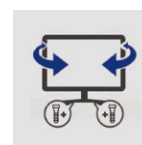
Sound Bar Compatibility



SI Compatibility



Security Mode



Swivel Stand



ISTA

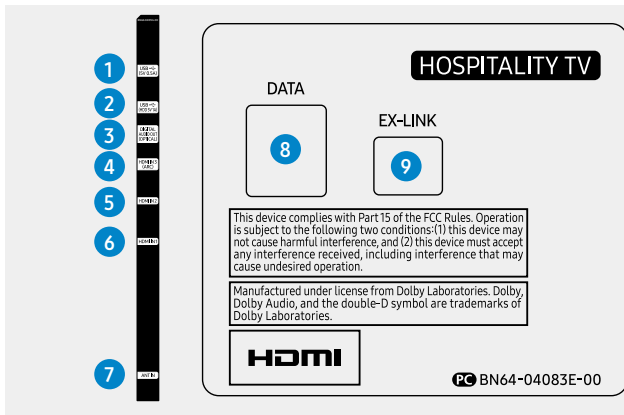
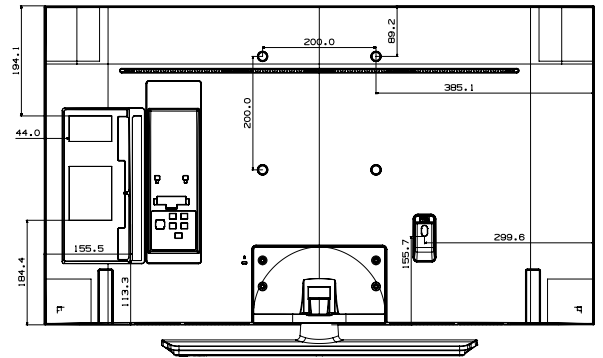
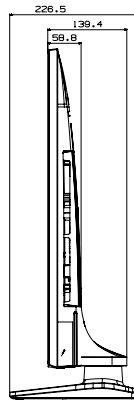
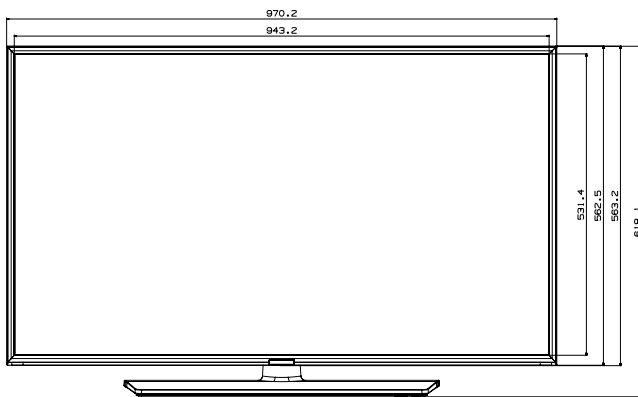
Model		43NJ67U HG43NJ670UF	50NJ67U HG50NJ670UF	55NJ67U HG55NJ670UF	65NJ67U HG65NJ670UF
Display	Backlight	LED	LED	LED	LED
	Screen Size	43	50	55	65
	Resolution	3,840 x 2,160	3,840 x 2,160	3,840 x 2,160	3,840 x 2,160
Video	Picture Engine	UHD Mastering Engine	UHD Mastering Engine	UHD Mastering Engine	UHD Mastering Engine
	Micro Dimming	N/A	N/A	N/A	N/A
	Auto Motion Plus	Yes	Yes	Yes	Yes
	Film Mode	Yes	Yes	Yes	Yes
	Wide Color Enhancer (Plus)	N/A	N/A	N/A	
	Auto Motion Plus	Yes	Yes	Yes	
	Film Mode	Yes	Yes	Yes	
Audio	Dolby Digital Plus	Yes	Yes	Yes	Yes
	DTS Codec	N/A	N/A	N/A	N/A
	Sound Output (RMS)	20W	20W	20W	20W
	Speaker Type	2CH	2CH	2CH	2CH
	Woofer	N/A	N/A	N/A	N/A
Smart TV	Samsung SMART TV	N/A	N/A	N/A	N/A
Convergence	TV to Mobile - Mirroring	N/A	N/A	N/A	N/A
	Mobile to TV - Mirroring, DLNA	N/A	N/A	N/A	N/A
General Feature	Processor	Quad-Core	Quad-Core	Quad-Core	Quad-Core
	Accessibility	Voice Guide(US English)/ Enlarge/ High Contrast/ Learn TV Remote(US English)/ Multi-output Audio	Voice Guide(US English)/ Enlarge/ High Contrast/ Learn TV Remote(US English)/ Multi-output Audio	Voice Guide(US English)/ Enlarge/ High Contrast/ Learn TV Remote(US English)/ Multi-output Audio	Voice Guide(US English)/ Enlarge/ High Contrast/ Learn TV Remote(US English)/ Multi-output Audio
	Digital Clean View	Yes	Yes	Yes	Yes
	Auto Channel Search	Yes	Yes	Yes	Yes
	Auto Power Off	Yes	Yes	Yes	Yes
	Caption (Subtitle)	Yes	Yes	Yes	Yes
	Connect Share™ (HDD)	Yes	Yes	Yes	Yes
	ConnectShare™ (USB 2.0)	Yes	Yes	Yes	Yes
	EPG	Yes	Yes	Yes	Yes
	Game Mode	Yes	Yes	Yes	Yes
	OSD Language	English, Spanish, French, Estonian, Finnish, German, Greek, Hungarian, Italian, Latvian, Lithuanian, Norwegian, Polish, Portuguese, Romanian, Serbian, Slovak, Swedish, Bulgarian, Croatian, Czech, Danish, Dutch, Slovenian, Albanian, Macedonian, Bosnian, Korean	English, Spanish, French, Estonian, Finnish, German, Greek, Hungarian, Italian, Latvian, Lithuanian, Norwegian, Polish, Portuguese, Romanian, Serbian, Slovak, Swedish, Bulgarian, Croatian, Czech, Danish, Dutch, Slovenian, Albanian, Macedonian, Bosnian, Korean	English, Spanish, French, Estonian, Finnish, German, Greek, Hungarian, Italian, Latvian, Lithuanian, Norwegian, Polish, Portuguese, Romanian, Serbian, Slovak, Swedish, Bulgarian, Croatian, Czech, Danish, Dutch, Slovenian, Albanian, Macedonian, Bosnian, Korean	English, Spanish, French, Estonian, Finnish, German, Greek, Hungarian, Italian, Latvian, Lithuanian, Norwegian, Polish, Portuguese, Romanian, Serbian, Slovak, Swedish, Bulgarian, Croatian, Czech, Danish, Dutch, Slovenian, Albanian, Macedonian, Bosnian, Korean
	Picture-In-Picture	N/A	N/A	N/A	N/A
	BT HID Built-in	N/A	N/A	N/A	N/A
	USB HID Support	N/A	N/A	N/A	N/A
	Teletext (TTX)	N/A	N/A	N/A	N/A
System	Digital Broadcasting	ATSC/ClearQAM	ATSC/ClearQAM	ATSC/ClearQAM	ATSC/ClearQAM
	Analog Tuner	Yes	Yes	Yes	Yes
	CI (Common Interface)	N/A	N/A	N/A	N/A
	Data Broadcasting	N/A	N/A	N/A	N/A
Hospitality Feature	Samsung LYNK™ HMS Compatibility	N/A	N/A	N/A	N/A
	H.Browser Compatibility	N/A	N/A	N/A	N/A

Model		43NJ67U HG43NJ670UF	50NJ67U HG50NJ670UF	55NJ67U HG55NJ670UF	65NJ67U HG65NJ670UF
Hospitality Feature	Samsung LYNK™ REACH (IP)	N/A	N/A	N/A	N/A
	Samsung LYNK™ REACH (RF)	REACH 4.0	REACH 4.0	REACH 4.0	REACH 4.0
	Hospitality Home Menu	Home Menu 2017	Home Menu 2017	Home Menu 2017	Home Menu 2017
	Bluetooth Music Player (Mobile → TV)	N/A	N/A	N/A	N/A
	Hospitality Plug&Play (Easy Set-up)	Yes	Yes	Yes	Yes
	Auto Source Mode	Yes	Yes	Yes	Yes
	Power On Mode	Yes	Yes	Yes	Yes
	Hotel Channel List	Yes	Yes	Yes	Yes
	Channel Menu Display	Yes	Yes	Yes	Yes
	Mixed Channel List (ATSC, DVB-T/T2/C/S2, Analog)	Yes	Yes	Yes	Yes
	My Channel	Yes	Yes	Yes	Yes
	Energy Saving Mode (BLU Control)	Yes	Yes	Yes	Yes
	Logo Display with Time Out Setting (BMP/Movie)	Yes	Yes	Yes	Yes
	Welcome Message	Yes	Yes	Yes	Yes
	RJ12/IR Pass Through	Yes	Yes	Yes	Yes
	External Clock Compatibility	No	No	No	No
	Clock Back Up Supply	Yes	Yes	Yes	Yes
	External Clock Dimming Control	No	No	No	No
	Software Clock	N/A	N/A	N/A	N/A
	Multi Code Remote Control	Yes	Yes	Yes	Yes
	Screwed Remote Battery Cover	Yes	Yes	Yes	Yes
	Soundbar Compatibility	Yes	Yes	Yes	Yes
	Music Mode (Input: PC/AV/Component/HDMI)	Yes	Yes	Yes	Yes
	Music Mode Backlight on/off	Yes	Yes	Yes	Yes
	TTX Clock Update (Analogue)	No	No	No	No
	USB Cloning	Yes	Yes	Yes	Yes
	Smooovie Compatibility	Yes	Yes	Yes	Yes
	Soft AP	N/A	N/A	N/A	N/A
	On/Off Timer (Schedule)	Yes	Yes	Yes	Yes
	Wake-up Timer (Alarm)	Yes	Yes	Yes	Yes
	Samsung LYNK™ DRM	Yes	Yes	Yes	Yes
	Pro:Idiom	No	No	No	No
	bLAN	No	No	No	No
	Security Mode	Yes	Yes	Yes	Yes
	S/W EPG (Solution EPG)	Yes	Yes	Yes	Yes
	IP Over Coax	No	No	No	No
Input & Output	USB (Side/Rear)	2	2	2	2
	Composite In (AV) (Side/Rear)	N/A	N/A	N/A	N/A
	RF In (Terrestrial / Cable input) (Side/Rear)	1/1(Common Use for Terrestrial)/0	1/1(Common Use for Terrestrial)/0	1/1(Common Use for Terrestrial)/0	1/1(Common Use for Terrestrial)/0
	Ex-Link ( RS-232C )	1	1	1	1
	CI Slot (Side/Rear)	N/A	N/A	N/A	N/A
	HDMI A / Return Ch. Support	Yes	Yes	Yes	Yes
	Wireless LAN Built-in	N/A	N/A	N/A	N/A
	Anynet+ (HDMI-CEC)	Yes	Yes	Yes	Yes

Model		43NJ67U HG43NJ670UF	50NJ67U HG50NJ670UF	55NJ67U HG55NJ670UF	65NJ67U HG65NJ670UF
Input & Output	Pillow Speaker Jack (Side/Rear)	No	No	No	No
	Variable Audio Out (Side/Rear)	N/A	N/A	N/A	N/A
	Variable Audio Out Volume Control (Side/Rear)	N/A	N/A	N/A	N/A
	Video Out (Side/Rear)	N/A	N/A	N/A	N/A
	RJ12 (Side/Rear)	0/1	0/1	0/1	0/1
	RJP (Remote Jackpack) (Side/Rear)	0/1	0/1	0/1	0/1
	Headphone ID (Side/Rear)	N/A	N/A	N/A	N/A
	Door-Eye Control (Side/Rear)	No	No	No	No
	Door-Eye Video In (Side/Rear)	No	No	No	No
	PC In (D-sub) (Side./Rear)	No	No	No	No
	PC/DVI Audio In (Mini Jack) (Side./Rear)	No	No	No	No
	Ethernet Bridge (LAN-Out)	N/A	N/A	N/A	N/A
Design	Front Color	Charcoal Black	Charcoal Black	Charcoal Black	Charcoal Black
	Stand Type	Square	Square	Square	Square
	Swivel (Left/Right)	90/90	90/90	90/90	90/90
Eco	ENERGY STAR (Latest effective version)	Yes	Yes	Yes	Yes
	Eco Sensor	Yes	Yes	Yes	Yes
Power	Power Supply (V)	AC110-120V 50/60Hz	AC110-120V 50/60Hz	AC110-120V 50/60Hz	AC110-120V 50/60Hz
	Power Consumption (Max)	105 W	125 W	140 W	170 W
	Power Consumption (Stand-by)	0.30 W	0.3 W	0.3 W	0.3 W
	Power Consumption (Typical)	50 W	60 W	65 W	75 W
Dimension	Set Dimension without Stand (WxHxD)	970.2 x 563.2 x 58.8 mm	1124.8 x 650.2 x 59.7 mm	1238.6 x 714.2 x 59.2 mm	1457.5 x 837.3 x 59.7 mm
	Set Dimension with Stand (WxHxD)	970.2 x 618.1 x 226.5 mm	1124.8 x 704.2 x 226.5 mm	1238.6 x 768.4 x 226.5 mm	1457.5 x 908.7 x 355.1 mm
	Package Dimension (WxHxD)	1185 x 670 x 157 mm	1354 x 790 x 157 mm	1441 x 852 x 170 mm	1760 x 970 x 196 mm
Weight	Set Weight without Stand	9.6 kg	13.6 kg	17.3 kg	25.0 kg
	Set Weight with Stand	12.7 kg	16.8 kg	20.5 kg	30.2 kg
	Package Weight	17.0 kg	22.4 kg	26.5 kg	39.5 kg
Accessory	Remote Controller Model	TM1240A	TM1240A	TM1240A	TM1240A
	Batteries (for Remote Control)	Yes	Yes	Yes	Yes
	Samsung Smart Control (Included)	N/A	N/A	N/A	N/A
	Mini Wall Mount Supported	Yes	Yes	Yes	Yes
	Vesa Wall Mount Supported	Yes	Yes	Yes	Yes
	User Manual	N/A	N/A	N/A	N/A
	E-Manual	N/A	N/A	N/A	N/A
	ANT-Cable	N/A	N/A	N/A	N/A
	Power Cable	Yes	Yes	Yes	Yes
	Quick Install Guide	Yes	Yes	Yes	Yes
	Data Cable	Yes	Yes	Yes	Yes
	Stand Mount Kit	Yes	Yes	Yes	Yes
	Security Screws (Stand Base)	Yes	Yes	Yes	Yes
	PureCare Remote(Seamless White Remote)	No	No	No	No
	Angle Adaptor (for Side RF tuner)	No	No	No	No

# Specifications

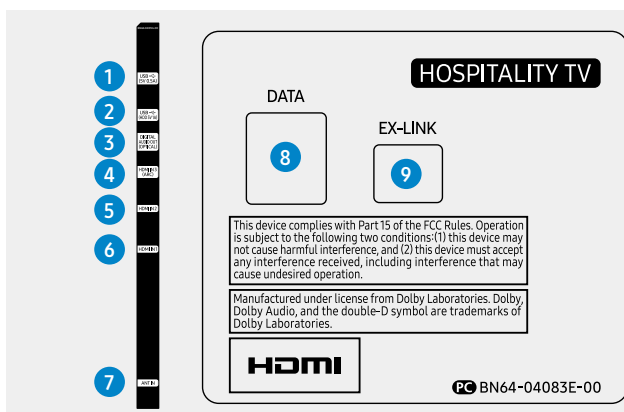
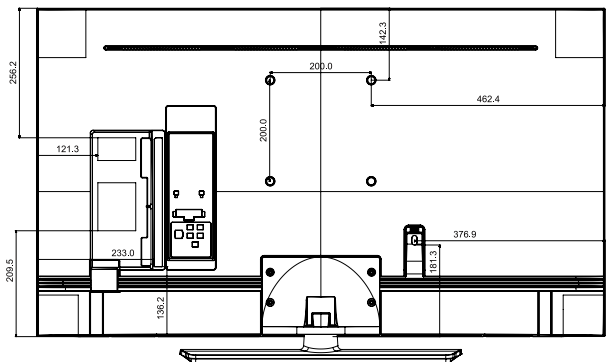
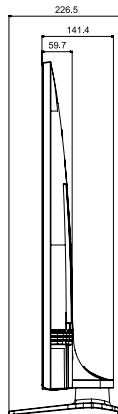
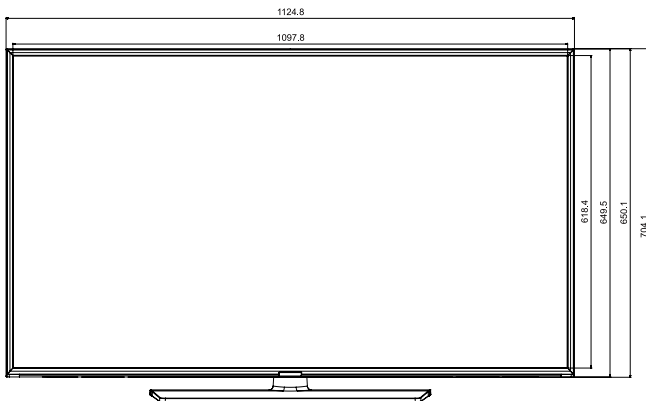
## HG43NJ670UF



### Connectors

1. USB(5V 0.5A)
2. USB (HDD 5V 1A)
3. DIGITAL AUDIO OUT(OPTICAL)
4. HDMI IN 3(ARC)
5. HDMI IN 2
6. HDMI IN 1
7. ANT IN
8. DATA
9. EX-LINK

## HG50NJ670UF



### Connectors

1. USB(5V 0.5A)
2. USB (HDD 5V 1A)
3. DIGITAL AUDIO OUT(OPTICAL)
4. HDMI IN 3(ARC)
5. HDMI IN 2
6. HDMI IN 1
7. ANT IN
8. DATA
9. EX-LINK





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## Hospitality Display

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[www.samsung.com/displaysolutions](http://www.samsung.com/displaysolutions)

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

2018-07



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