

Samsung HD690 Series Hospitality Displays

Specifications

	24HD690 HG24ED690AB	28HD690 HG28ED690AB	32HD690 HG32ED690DB	40HD690 HG40ED690DB	48HD690 HG48ED690DB	55HD690 HG55ED690EB	
Display	Backlight	LED	LED	LED	LED	LED	
	Inch	24	28	32	40	48	
	HD/FHD/UHD	HD	HD	FHD	FHD	FHD	
Video	Resolution	1,366 x 768	1,366 x 768	1920 x 1080	1920 x 1080	1920 x 1080	
	Picture Engine	HyperReal	HyperReal	HyperReal	HyperReal	HyperReal	
	Micro Dimming	N/A	N/A	N/A	N/A	N/A	
	Wide Color Enhancer (Plus)	Yes	Yes	Yes	Yes	Yes	
	Auto Motion Plus	N/A	N/A	N/A	N/A	N/A	
	Film Mode	Yes	Yes	Yes	Yes	Yes	
Audio	Dolby Digital Plus	Yes	Yes	Yes	Yes	Yes	
	Virtual Surround	DTS Studio Sound	DTS Studio Sound	DTS Studio Sound	DTS Studio Sound	DTS Studio Sound	
	DTS Codec	DTS Premium sound5.1	DTS Premium sound5.1	DTS Premium sound5.1	DTS Premium sound5.1	DTS Premium sound5.1	
	3D Sound	N/A	N/A	N/A	N/A	N/A	
	Sound Output (RMS)	10W(L:5W,R:5W)	10W(L:5W,R:5W)	20W(L:10W,R:10W)	20W(L:10W,R:10W)	20W(L:10W,R:10W)	20W(L:10W,R:10W)
	~ . . . ~	2CH(Down Firing + Base Reflex)	2CH(Down Firing + Base Reflex)	2CH(Down Firing + Base Reflex)	2CH(Down Firing + Base Reflex)	2CH(Down Firing + Base Reflex)	2CH(Down Firing + Base Reflex)
	Woofer	N/A	N/A	N/A	N/A	N/A	N/A
Feature	Smart Hub	Smart	Smart	Smart	Smart	Smart	
	Apps	Yes	Yes	Yes	Yes	Yes	
	Web Browser	Yes	Yes	Yes	Yes	Yes	
	Mobile to TV - Mirroring, DLNA	Yes	Yes	Yes	Yes	Yes	
	Samsung Smart View	Yes	Yes	Yes	Yes	Yes	
	Voice Control	No	No	Yes	Yes	Yes	
	Samsung 3D	N/A	N/A	N/A	N/A	N/A	
	3D Converter	N/A	N/A	N/A	N/A	N/A	
	Digital Clean View	Yes	Yes	Yes	Yes	Yes	
	Auto Channel Search	Yes	Yes	Yes	Yes	Yes	
	Auto Power Off	Yes	Yes	Yes	Yes	Yes	
	BD Wise Plus	N/A	N/A	N/A	N/A	N/A	
	Caption (Subtitle)	Yes	Yes	Yes	Yes	Yes	
	Channel List USB-Clone	N/A	N/A	N/A	N/A	N/A	
	ConnectShare™ (HDD)	Yes	Yes	Yes	Yes	Yes	
	ConnectShare™ (USB 2.0)	Yes	Yes	Yes	Yes	Yes	
	Sports Mode	Basic	Basic	Basic	Basic	Basic	
	EPG	Yes	Yes	Yes	Yes	Yes	
	Game Mode	Yes	Yes	Yes	Yes	Yes	
	OSD Language	27 European Languages	27 European Languages	27 European Languages	27 European Languages	27 European Languages	27 European Languages
Picture-In-Picture	Yes	Yes	Yes	Yes	Yes	Yes	
BT HID Built-in	No	No	Yes	Yes	Yes	Yes	
USB HID Support	Yes	Yes	Yes	Yes	Yes	Yes	
Teletext (TTX)	Yes	Yes	Yes	Yes	Yes	Yes	

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Samsung LYNK™SINC Compatibility	Yes	Yes	Yes	Yes	Yes	Yes
H.Browser Compatibility	Yes	Yes	Yes	Yes	Yes	Yes
Samsung LYNK™ REACH Samsung LYNK™ REACH Server Compatibility	Yes	Yes	Yes	Yes	Yes	Yes
Hospitality Home Menu	Yes	Yes	Yes	Yes	Yes	Yes
Bluetooth Music Player (Mobile > TV)	No	No	Yes	Yes	Yes	Yes
Hospitality Plug&Play (Easy Set-up)	Yes	Yes	Yes	Yes	Yes	Yes
Auto Source Mode	Yes	Yes	Yes	Yes	Yes	Yes
Power On Mode	Yes	Yes	Yes	Yes	Yes	Yes
Hotel Channel List	Yes	Yes	Yes	Yes	Yes	Yes
Channel Setup On/Off	Yes	Yes	Yes	Yes	Yes	Yes
Mixed Channel List (ATSC, DVB-T/T2/ C/S2, Analog)	Yes	Yes	Yes	Yes	Yes	Yes
My Channel	Yes	Yes	Yes	Yes	Yes	Yes
Energy Saving Mode(BLU control)	Yes	Yes	Yes	Yes	Yes	Yes
Logo Display with Time Out Setting (BMP/Movie)	Yes	Yes	Yes	Yes	Yes	Yes
Welcome Message	Yes	Yes	Yes	Yes	Yes	Yes
RJ12 / IR Pass Through	Yes	Yes	Yes	Yes	Yes	Yes
External Clock Compatibility	No	Yes	Yes	Yes	Yes	Yes
Clock Back Up Supply	Yes	Yes	Yes	Yes	Yes	Yes
External Clock Dimming Control	No	Yes	Yes	Yes	Yes	Yes
Software Clock	Yes	Yes	Yes	Yes	Yes	Yes
Multi Code Remote control	Yes	Yes	Yes	Yes	Yes	Yes
Screwed Battery Cover	Yes	Yes	Yes	Yes	Yes	Yes
Sound Bar Compatibility	Yes	Yes	Yes	Yes	Yes	Yes
Music Mode (Input: PC/AV/ Component/HDMI)	Yes	Yes	Yes	Yes	Yes	Yes
Music Mode Backlight on/off	Yes	Yes	Yes	Yes	Yes	Yes
TTX Clock Update (Analogue)	Yes	Yes	Yes	Yes	Yes	Yes
USB Cloning	Yes	Yes	Yes	Yes	Yes	Yes
Smovie Compatibility	Yes	Yes	Yes	Yes	Yes	Yes
Soft AP	Yes	Yes	Yes	Yes	Yes	Yes
On/Off Timer (Schedule)	Yes	Yes	Yes	Yes	Yes	Yes
Wake-up Timer (Alarm)	Yes	Yes	Yes	Yes	Yes	Yes
Samsung LYNK™ DRM	Yes	Yes	Yes	Yes	Yes	Yes
Pro:Idiom	No	No	No	No	No	No
bLAN	No	No	No	No	No	No
Security Mode	No	No	No	No	No	No
S/W EPG (Solution EPG)	Yes	Yes	Yes	Yes	Yes	Yes
IEC 60601-1	Yes	No	No	No	No	No
Standby LED Color	Green	Red	Red	Red	Red	Red
Wake on LAN (WOL)	Yes	Yes	Yes	Yes	Yes	Yes

Hospitality Feature

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HDMI (Side/Rear)	0/2	1/2	1/2	1/2	1/2	1/2
USB (Side/Rear)	1/0	2/0	2/0	2/0	2/0	2/0
Component In (Y/Pb/Pr) (Side/Rear)	No	No	No	No	No	No
Composite In (AV) (Side/Rear)	No	1/0	1/0	1/0	1/0	1/0
Ethernet (LAN) (Side/Rear)	1/0	1/0	1/0	1/0	1/0	1/0
Headphone (Side/Rear)	0/1	0/1	0/1	0/1	0/1	0/1
Audio Out (Mini Jack / LR) (Side/Rear)	No	No	No	No	No	No
Digital Audio Out (Optical) (Side/Rear)	0/1	0/1	0/1	0/1	0/1	0/1
PC In (D-sub) (Side./Rear)	0/1	0/1	0/1	0/1	0/1	0/1
PC/DVI Audio In (Mini Jack) (Side./Rear)	0/1	0/1	0/1	0/1	0/1	0/1
RF In (Terrestrial/Cable input) (Side/Rear)	0/2	2/0	2/0	2/0	2/0	2/0
Input & Output						
RS232C	Yes(Common Use for RJ12)	Yes(Common Use for RJ12)	Yes(Common Use for RJ12)	Yes(Common Use for RJ12)	Yes(Common Use for RJ12)	Yes(Common Use for RJ12)
CI Slot (Side/Rear)	1/0	0/1	0/1	0/1	0/1	0/1
Scart (Side/Rear)	N/A	N/A	N/A	N/A	N/A	N/A
Pillow Speaker Jack (Side/Rear)	No	No	No	No	No	No
Variable Audio Out (Side/Rear)	No	0/1	0/1	0/1	0/1	0/1
Variable Audio Out Volume Control (Side/Rear)	No	0/1	0/1	0/1	0/1	0/1
Video Out (Side/Rear)	No	No	No	No	No	No
RJ12 (Side/Rear)	0/1	0/1	0/1	0/1	0/1	0/1
RJP (Remote Jackpack) (Side/Rear)	0/1	0/1	0/1	0/1	0/1	0/1
Headphone ID (Side/Rear)	0/1	0/1	0/1	0/1	0/1	0/1
Door-Eye Control (Side/Rear)	No	No	No	No	No	No
Door-Eye Video In (Side/Rear)	No	No	No	No	No	No
System						
DTV Tuner	DVB-T2/C/S2	DVB-T2/C/S2	DVB-T2/C/S2	DVB-T2/C/S2	DVB-T2/C/S2	DVB-T2/C/S2
Analog Tuner	Yes	Yes	Yes	Yes	Yes	Yes
Design						
Front Color	Black	Black	Black	Black	Black	Black
Stand Type	Square	Square	Square	Square	Square	Square
Swivel (Left/Right)	No	No	90/90	90/90	90/90	90/90
Dimension						
Set Dimension with Stand (WxHxD) (mm)	561.8*384.2*163.8	643.4*435.0*163.4	721.4*465.6*192.6	906.6*577.6*226.5	1075.1*673.5*226.5	1230.6*762.8*226.5
Set Dimension without Stand - Wall Mount Side (WxHxD) (mm)	561.8*349.1*47.9	643.4*396.5*62.9	721.4*428.5*49.1	906.6*532.9*49.3	1075.1*627.6*49.7	1230.6*718.4*64.0
Set Dimension without Stand - Speaker Side (WxHxD) (mm)	561.8*349.1*65.2	643.4*396.5*62.9	721.4*428.5*64.9	906.6*532.9*65.1	1075.1*627.6*65.5	1230.6*718.4*64.0
Weight						
Set Weight with Stand (kg)	4.1	4.1	6.4	10.7	14	14.6
Set Weight without Stand (kg)	3.9	3.7	5	7.8	11.1	13.6
Package Weight (kg)	5.1	5.2	7.5	12.3	17.5	18.8
Accessory						
Remote Controller Model	TM1240	TM1240	TM1240	TM1240	TM1240	TM1240
Battery (for Remote Control)	Yes	Yes	Yes	Yes	Yes	Yes
Vesa Wall Mount Support	Yes	Yes	Yes	Yes	Yes	Yes
Power Cable	Yes	Yes	Yes	Yes	Yes	Yes
Quick Install Guide	Yes	Yes	Yes	Yes	Yes	Yes
Data Cable	Yes	Yes	Yes	Yes	Yes	Yes
Stand Mount Kit	No	Yes	Yes	Yes	Yes	Yes
Security Screws	No	No	No	No	No	No
Security Screws	No	No	No	No	No	No