

Samsung NU7/NU8 Series Custom Installer White Paper

Samsung 2018 NU7/NU8 Series UHD TVs offers custom installers a wide selection of high performance mid-tiered 4K Ultra HDTVs. Samsung offers nine (9) screen sizes that range between 40" to 82" between these two series of 4K Ultra HDTVs.

Picture Quality Technology Benefits for Custom Installation

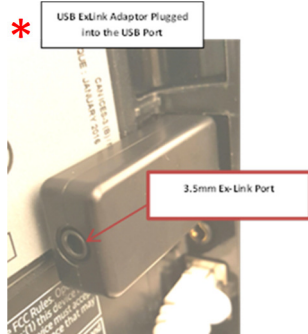
The Samsung NU7/NU8 series TVs feature a wider range of color and remarkable brightness specifications. A rich wide color performance and brightness levels expands the placement options for meeting most home entertainment application and the 2018 series NU7/NU8 series support streamed 4K UHD content with advanced Dynamic HDR10+ decoding capability. Image retention or burn-in concerns for gamers or those watching the same channel day in and day out is a non-issue.

Automated Home Support, Connectivity Support & VESA Wall Mount Spec

IP control and RS232 Serial control is supported on all 2018 4K UHD TVs using compatible systems.

SERIES	Serial Control Support	IP Control Support	VESA Wall Mount Support
NU8000 Series (Flat Screen) (82, 75, 65, 55, 49)	Via Ex-Link Port (3.5mm Stereo Mini)	Yes	82" – 600 x 400 75" & 65" - 400 x 400 55" – 200 x 200
NU7100 Series (Flat Screen) (75, 65, 58, 55, 50, 43, 40)	USB Serial Adaptor Required *	No	
NU8500 Series (Curved Screen) (65, 55)	Via Ex-Link Port (3.5mm Stereo Mini)	Yes	
NU7300 Series (Curved Screen) (65, 55)	USB Serial Adaptor Required *	Yes	
* Order from your Samsung Distributor part name: USB SERIAL ADAPTOR	Located on back of TV	WoL and WoW Support	

2018 Built-in Jack Pack		AV PORTS			ADVANCED CONNECTIVITY		
NU8 Series	NU7 Series	Ports	NU8 Series	NU7 Series	Type	NU8 Series	NU7 Series
All Connections are located on the back of the TV		HDMI Inputs (w/CEC)	4 (2.0a spec)	3 (2.0a spec)	Serial via Ex-Link	Yes	No
		ARC Support	Yes, HDMI4	Yes, HDMI 3	Serial via USB *	No	Yes
		Shared A/V & Y,Pb,Pr	No	Yes, 1	LAN & WiFi	1, YES	1, YES
		USB 2.0 Inputs	2	2	HDMI Quick Connect	Yes, All HDMI	Yes, All HDMI
		Optical Output	1	1	WOL	Yes	Yes
		RF - DTV & QAM	1	1	Wireless Audio	Yes	Yes



IP Control Status	2017 MU6 Series and Above Go Live Date	2018 NU8 Series & Above Go Live Date	2018 NU7 Series Go Live Date
AMX	Sep '17	At Launch	May OTN
Control4	Jun '17		
Crestron	Not Supported	May OTN F/W Update (target date)	
RTI	Feb '18	At Launch	May OTN
URI			
SAVANT	Oct '17		

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Smarter than ever, access favorite apps, content, and sports with Samsung Smart Hub®



ISF Calibration Support – CalMAN with AutoCal 2018

Originally launched on the 2017 4K UHD TVs, all 2018 4K UHD & QLED TV series will support Spectral's CalMAN with AutoCal 2018, the leading tool for color calibration designed for the CE market. The time needed for ultra-precise calibrations is significantly reduced by these TV's ability to connect with the calibration software. AutoCal with AutoCal will significantly reduce the time needed to professionally calibrate any Samsung 2018 4K UHD or QLED TV. Simply connect your pattern generator, CalMAN 2018 loaded PC and a Samsung TV, go through a quick set up and AutoCal will do the rest!



CM **CaIMAN**
WITH AUTO CAL
By SpectraCal

Get the most out of your Samsung QLED TV by using CalMAN with the new AutoCal feature for video calibration to deliver the maximum color volume and preserve the director's artistic intent.