

# 78-Series

SAMSUNG

## DLP™ TV by Samsung – 1080p HDTV

- Compact, lightweight design – fits where others won't™
- Digital Cable Ready (DCR) with CableCARD™<sup>1</sup>
- Built-in Analog/Digital Tuner (NTSC/ATSC)
- Samsung Cinema Smooth™ 1080p Gen-6 HD light engine:
  - Full HD 1920 x 1080p digital format converter for all inputs
  - Single-panel design – crystal-clear picture without any possibility of convergence errors
  - Smooth, film-like images
  - Up to 10,000:1 contrast ratio with outstanding colors and deep black levels
  - Whisper-quiet operation
- TV Guide On Screen® interactive program guide
- Samsung's latest-generation DNIe™ video enhancer
- Samsung's Cinema Smooth Film Mode 3:2 Pull Down
- Anynet™ system control solution
- Purely digital HDTV connections – 2 HDMI™<sup>2</sup> and 2 IEEE 1394 inputs
- No burn-in or screen aging
- 30-watt audio system with SRS TruSurround XT™



HL-R7178W 71"



HL-R6178W 61"



HL-R5678W 56"



HL-R5078W 50"



Shown with optional stand with gloss-black legs.

<sup>1</sup> Cable TV features like Pay-Per-View and Video-On-Demand require a cable box. CableCARD is provided by your cable service provider.

<sup>2</sup> Currently, HDMI, DVI and Component inputs can only accept up to 1080i signals. All 1080i signals are converted to 1080p. Off-air 1080p signals are displayed in their broadcast format.

# Specifications

TVs not shown to scale.



Model number	HL-R7178W	HL-R6178W	HL-R5678W	HL-R5078W
Screen size	71"	61"	56"	50"
Design	Custom Tabletop design	Custom Tabletop design	Custom Tabletop design	Custom Tabletop design
Aspect ratio	16:9 Wide screen	16:9 Wide screen	16:9 Wide screen	16:9 Wide screen
High Definition TV Tuner/Decoder	Built-in	Built-in	Built-in	Built-in
Display Device/Light Engine	Cinema Smooth Gen-6 1080p HD			
Type	Single-panel DLP	Single-panel DLP	Single-panel DLP	Single-panel DLP
Lamp (standard/dynamic)	0.85" 1080 DLP Chip	0.85" 1080 DLP Chip	0.85" 1080 DLP Chip	0.85" 1080 DLP Chip
Resolution (V x H)	120W/132W	100W/120W	100W/120W	100W/120W
TV/Video features	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Display Format	1080p	1080p	1080p	1080p
Digital Cable Ready (DCR)	Yes	Yes	Yes	Yes
Contrast	Up to 10,000:1	Up to 10,000:1	Up to 10,000:1	Up to 10,000:1
Brightness (cd/m <sup>2</sup> )	500	600	700	800
Digital Comb Filter	3D Y/C	3D Y/C	3D Y/C	3D Y/C
3:2 Pull Down	Yes	Yes	Yes	Yes
DNle™	Yes	Yes	Yes	Yes
Color wheel – Segments/speed	7 Segments/10,800 rpm	7 Segments/10,800 rpm	7 Segments/10,800 rpm	7 Segments/10,800 rpm
HD Ultra-Fine Pitch Screen	0.155 mm	0.155 mm	0.155 mm	0.155 mm
Audio	0.155 mm	0.155 mm	0.155 mm	0.155 mm
Sound Output (RMS)	15W x 2	15W x 2	15W x 2	15W x 2
Digital Sound Out (Optical)	Yes	Yes	Yes	Yes
Convenience	2 Tuner	2 Tuner	2 Tuner	2 Tuner
PIP Analog Tuner	Off air + cable	Off air + cable	Off air + cable	Off air + cable
PIP Digital Tuners	Yes	Yes	Yes	Yes
Double Screen	Yes	Yes	Yes	Yes
TV Guide On Screen*	Yes	Yes	Yes	Yes
Discrete Code	Yes	Yes	Yes	Yes
Input Labeling (Source Select)	Yes	Yes	Yes	Yes
Aspect Ratio Control	Wide/Normal/Panorama/Zoom 1/Zoom 2			
Connections	2 In	2 In	2 In	2 In
RF	2 In	2 In	2 In	2 In
PC In (D-Sub 15-pin)	1 Rear	1 Rear	1 Rear	1 Rear
PC Audio In	1 Rear	1 Rear	1 Rear	1 Rear
AV In (RCA)	2 Rear/1 Side	2 Rear/1 Side	2 Rear/1 Side	2 Rear/1 Side
S-Video In	2 Rear/1 Side	2 Rear/1 Side	2 Rear/1 Side	2 Rear/1 Side
Monitor, Audio, Subwoofer Out	1 Rear	1 Rear	1 Rear	1 Rear
Component Video In (480i/480p/720p/1080i)	2 Rear	2 Rear	2 Rear	2 Rear
DVI Audio In	1 Rear	1 Rear	1 Rear	1 Rear
HDMI	2 Rear	2 Rear	2 Rear	2 Rear
POD Slot (CableCARD™)	1 Rear	1 Rear	1 Rear	1 Rear
D-Net (IEEE 1394)	1 Rear	1 Rear	1 Rear	1 Rear
RS-232C	2 Rear	2 Rear	2 Rear	2 Rear
Anynet™ (Mini Jack)	1 Rear	1 Rear	1 Rear	1 Rear
G-LINK® (Mini Jack)	1 Rear	1 Rear	1 Rear	1 Rear
Digital Sound Out (Optical)	1 Rear	1 Rear	1 Rear	1 Rear
Net dimensions (W x D x H, inches)	TV 65.8 x 20.4 x 46.8	TV 56.9 x 18.4 x 41.6	TV 52.4 x 15.3 x 37.9	TV 46.5 x 14.0 x 34.3
	TV (without Pedestal Base) 65.8 x 18.7 x 45.9	TV (without Pedestal Base) 56.9 x 16.5 x 40.7	-	-
	Stand Dimensions (W x D x H) 65.8 x 17.8 x 17.0	Stand Dimensions (W x D x H) 56.9 x 17.8 x 17.0	Stand Dimensions (W x D x H) 52.5 x 17.8 x 19.0	Stand Dimensions (W x D x H) 46.5 x 17.8 x 19.0
	Shelf Dimensions (W x D) 49.2 x 15.8	Shelf Dimensions (W x D) 49.2 x 15.8	Shelf Dimensions (W x D) 34.8 x 15.8	Shelf Dimensions (W x D) 34.8 x 15.8
Net weight	TV 116.8 lbs (est)	TV 99.2 lbs	TV 84.9 lbs	TV 75.6 lbs
	Stand 87.0 lbs	Stand 87.0 lbs	Stand 78.0 lbs	Stand 78.0 lbs
Shipping dimensions (W x D x H, inches)	TV TBD	TV 62.2 x 22.2 x 45.9	TV 57.3 x 20.3 x 43.1	TV 51.2 x 18.7 x 39.6
	Stand 18.7 x 8.0 x 67.7	Stand 18.7 x 8.0 x 67.7	Stand 19.6 x 7.7 x 41.8	Stand 19.6 x 7.7 x 41.8
Shipping weight	TV TBD	TV 123.5 lbs	TV 108.0 lbs	TV 94.8 lbs
	Stand 90.0 lbs	Stand 90.0 lbs	Stand 81.0 lbs	Stand 81.0 lbs
Order code	TV HLR7178WX/XAA	TV HLR6178WX/XAA	TV HLR5678WX/XAA	TV HLR5078WX/XAA
	Stand TR61X2SBX/XAA*	Stand TR61X2SBX/XAA	Stand TR46X3SBX/XAA	Stand TR46X3SBX/XAA
UPC	TV 036725 2 7178 4	TV 036725 2 6178 5	TV 036725 2 5678 1	TV 036725 2 5078 9
	Stand 036725 2 6103 7	Stand 036725 2 6103 7	Stand 036725 2 4605 8	Stand 036725 2 4605 8

\* For the 71" model (HL-R7178W), an additional rail kit (TR71RAIL) must be ordered.

For more information, log on to [www.samsung.com](http://www.samsung.com)

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