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## 2 Product specifications

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### 2-1 Fashion Feature

#### **Supreme Digital Interface & Networking**

-With a built-in HD digital tuner, it supports HD broadcasting with no particular set-top box and provides simple access with a single remote control.

#### **Excellent Picture Quality**

-DNIe technology provides life-like clear images.

#### **Dynamic Contrast**

-Automatically detects the input visual signal and adjusts to create optimum contrast.

#### **SRS TruSurround XT**

-SRS TruSurround XT provides a virtual Dolby surround system.

#### **Convenience**

-The TV utilizes the HDMI system to implement perfect digital sound and picture quality.

## 2-2 LA27S71B Specifications

Item	Description	
LCD Panel	LCD Panel : TFT-LCD Panel, RGB Vertical stripe, normally black, 27-Inch viewable, 0.1455(H)*0.4365(V)mm Pixel Pitch	
Scanning Frequency	Horizontal : 30 kHz ~ 61 kHz (Automatic) / Vertical : 60 Hz ~ 75 Hz (Automatic)	
Display Colors	16.7M colors	
Maximum Resolution	Horizontal : 1360 Pixels Vertical : 768 Pixels	
Input Video Signal	Analog 0.7 Vp-p $\pm$ 5% positive at 75 $\Omega$ , internally terminated	
Input Sync Signal	Type : Seperate H/V Level : TTL level	
Maximum Pixel Clock rate	80 MHz	
Active Display Horizontal/Vertical	596.3 mm / 335.2 mm	
AC power voltage & Frequency	AC 100 ~ 240 V, 60/60 Hz	
Power Consumption	140 W < 1W	
Dimensions(W x D x H) Set	769.0 x 226.0 x 526.0 mm(30.27 x 8.89 x 20.70 inches) After installation Stand 769.0 x 79.0 x 471.0 mm(30.27 x 3.11 x 18.54 inches) Without stand	
Weight Set(After installation Stand)	10.4 kg	
TV System	Tunning	Frequency Synthesize
	System	PAL, SECAM, NTSC
	Sound	MONO, STEREO, NICAM
Environmental Considerations	Operating Temperature : 50°F ~ 104°F (10°C ~ 40°C) Operating Humidity : 10 % ~ 80 % Storage Temperature : -4°F ~ 113°F (-20°C ~ 45°C) Storage Humidity : 5 % ~ 95 %	
Antena Input	75 $\Omega$	
Sound Characteristic	-MAX Internal speaker Out : Right : 5W / Left : 5W -BASS Control Range : -8 dB ~ + 8dB -TREBLE Control Range : -8 dB ~ +8 dB -Headphone Out : 10 mW MAX -Output Frequency : RF : 80 Hz ~ 15 kHz AV : 80 Hz ~ 20 kHz	

## 2-3 LA32S71B Specifications

Item	Description	
LCD Panel	TFT-LCD panel, RGB vertical stripe, normally white, 32-Inch viewable, 0.511 (H) x 0.511 (V) mm pixel pitch	
Scanning Frequency	Horizontal : 30 kHz ~ 61 kHz (Automatic) / Vertical : 60 Hz ~ 75 Hz (Automatic)	
Display Colors	16,777,216 colors	
Maximum Resolution	Horizontal : 1360 Pixels Vertical : 768 Pixels	
Input Video Signal	Analog 0.7 Vp-p $\pm$ 5% positive at 75 $\Omega$ , internally terminated	
Input Sync Signal	Type : Seperate H/V Level : TTL level	
Maximum Pixel Clock rate	80 MHz	
Active Display Horizontal/Vertical	556.4 mm / 339.8 mm	
AC power voltage & Frequency	AC 100 ~ 240V, 60/50 Hz	
Power Consumption	152 W < 1W	
Dimensions(W x D x H) Set	892.5 x 249 x 615 mm(35.13 x 9.8 x 24.21 inches)After installation Stand 892.5 x 82 x 544 mm(35.13 x 3.22 x 21.41 inches) Without stand	
Weight Set(After installation Stand)	13.9 kg	
TV System	Tunning	Frequency Synthesize
	System	PAL, SECAM, NTSC
	Sound	MONO, STEREO, NICAM
Environmental Considerations	Operating Temperature : 50°F ~ 104°F (10°C ~ 40°C) Operating Humidity : 10 % ~ 80 % Storage Temperature : -4°F ~ 113°F (-20°C ~ 45°C) Storage Humidity : 5 % ~ 95 %	
Antena Input	75 $\Omega$	
Sound Characteristic	-MAX Internal speaker Out : Right : 10W / Left : 10W -BASS Control Range : -8 dB ~ + 8dB -TREBLE Control Range : -8 dB ~ +8 dB -Headphone Out : 10 mW MAX -Output Frequency : RF : 80 Hz ~ 15 kHz A/V : 80 Hz ~ 20 kHz	

## 2-4 LA37S71B Specifications

Item	Description	
LCD Panel	TFT-LCD panel, RGB vertical stripe, normally white, 37-Inch viewable, 0.511 (H) x 0.511 (V) mm pixel pitch	
Scanning Frequency	Horizontal : 30 kHz ~ 61 kHz (Automatic) / Vertical : 60 Hz ~ 75 Hz (Automatic)	
Display Colors	16,777,216 colours	
Maximum Resolution	Horizontal : 1360 Pixels Vertical : 768 Pixels	
Input Video Signal	Analog 0.7 Vp-p $\pm$ 5% positive at 75 $\Omega$ , internally terminated	
Input Sync Signal	Type : Seperate H/V Level : TTL level	
Maximum Pixel Clock rate	80 MHz	
Active Display Horizontal/Vertical	819.6 mm / 460.8 mm	
AC power voltage & Frequency	AC 100 ~ 240V, 60/50 Hz	
Power Consumption	170 W < 1W	
Dimensions(W x D x H) Set	1026.5 x 330 x 698.8 mm(40.4 x 12.99 x 27.5 inches)After installation Stand 1026.5 x 93.2 x 626.1 mm(40.4 x 3.67 x 24.95 inches) Without stand	
Weight Set(After installation Stand)	22.5 kg	
TV System	Tunning	Frequency Synthesize
	System	PAL, SECAM, NTSC
	Sound	MONO, STEREO, NICAM
Environmental Considerations	Operating Temperature : 50°F ~ 104°F (10°C ~ 40°C) Operating Humidity : 10 % ~ 80 % Storage Temperature : -4°F ~ 113°F (-20°C ~ 45°C) Storage Humidity : 5 % ~ 95 %	
Antena Input	75 $\Omega$	
Sound Characteristic	-MAX Internal speaker Out : Right : 10W / Left : 10W -BASS Control Range : -8 dB ~ + 8dB -TREBLE Control Range : -8 dB ~ +8 dB -Headphone Out : 10 mW MAX -Output Frequency : RF : 80 Hz ~ 15 kHz A/V : 80 Hz ~ 20 kHz	

## 2-5 LA40S71B Specifications

Item	Description	
LCD Panel	TFT-LCD panel, RGB vertical stripe, normally white, 40-Inch viewable, 0.648(H) x 0.216(V) mm pixel pitch	
Scanning Frequency	Horizontal : 30 kHz ~ 61 kHz (Automatic) / Vertical : 60 Hz ~ 75 Hz (Automatic)	
Display Colors	16,777,216 colors	
Maximum Resolution	Horizontal : 1360 Pixels Vertical : 768 Pixels	
Input Video Signal	Analog 0.7 Vp-p $\pm$ 5% positive at 75 $\Omega$ , internally terminated	
Input Sync Signal	Type : Seperate H/V Level : TTL level	
Maximum Pixel Clock rate	80 MHz	
Active Display Horizontal/Vertical	556.4 mm / 339.8 mm	
AC power voltage & Frequency	AC 100 ~ 240V, 60/50 Hz	
Power Consumption	205 W < 1W	
Dimensions(W x D x H) Set	1100.5 x 330 x 732.5 mm(43.32 x 12.99 x 28.83 inches)After installation Stand 1100.5 x 95 x 661 mm(43.32 x 3.74 x 26.02 inches) Without stand	
Weight Set(After installation Stand)	23.7 kg	
TV System	Tunning	Frequency Synthesize
	System	PAL, SECAM
	Sound	MONO, STEREO, NICAM
Environmental Considerations	Operating Temperature : 50°F ~ 104°F (10°C ~ 40°C) Operating Humidity : 10 % ~ 80 % Storage Temperature : -4°F ~ 113°F (-20°C ~ 45°C) Storage Humidity : 5 % ~ 95 %	
Antena Input	75 $\Omega$	
Sound Characteristic	-MAX Internal speaker Out : Right : 10W / Left : 10W -BASS Control Range : -8 dB ~ + 8dB -TREBLE Control Range : -8 dB ~ +8 dB -Headphone Out : 10 mW MAX -Output Frequency : RF : 80 Hz ~ 15 kHz A/V : 80 Hz ~ 20 kHz	

## 2-6 Spec Comparison

<b>Model</b>	LE26R51B / LE32R51B / LE40R51B	LA27S71B / LA32S71B / LA37S71B / LA40S71B
<b>Design</b>		
<b>Frequency</b> Horizontal Vertical Display Color	30 ~ 61 kHz 60 ~ 75 Hz 16,777,216 colors	30 ~ 61 kHz 60 ~ 75 Hz 16,777,216 colors
<b>PC Resolution</b> Maximum mode	WXGA, 1360 x 768 @ 60 Hz	WXGA, 1360 x 768 @ 60 Hz
<b>Input Signal</b> Sync Signal Video Signal	H/V Separate, TTL, P. or N. 0.7 Vp-p @ 75ohm	H/V Separate, TTL, P. or N. 0.7 Vp-p @ 75ohm
<b>Power Consumption</b> Normal Power Saving	140W / 184W / 285W < 1W	140W / 152W / 170W / 205W < 1W

## 2-7 Option Specification

Item	Item Name	Code.No	Remark
	Remote Control & Batteries (AAA x 2)	BN59-00507A	
	Power Cord	3903-000042	
	Cleaning Cloth	BN63-001798A	
	Owner's Instructions	BN68-00983A	
	Stand	27" : BN90-01005A 32" : BN90-00967A 37" : BN90-00966A 40" : BN90-00966A	
	Cover-Bottom	27" : BN63-02415B 32" : BN63-02415B 37" : BN63-02416B 40" : BN63-02416B	

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