

2. Product specifications

2-1. Feature & Specifications

Model	LE19B45***	
Feature		
<ul style="list-style-type: none"> ▶ DIGITAL-TV, RF, 1-HDMI, 1-COMPONENT, 1-A/V, D-SUB, 1-SCART ▶ Brightness : 250cd/m² ▶ High Contrast Ratio : 1000:1 ▶ Response Time : 5ms 		
Specifications		
Item	Description	
LCD Panel	TFT-LCD Panel, RGB Vertical Stripe, Normally white, TN	
Scanning Frequency	Horizontal : 40 kHz ~ 80 kHz (Automatic) Vertical : 47 Hz ~ 63 Hz (Automatic)	
Display Colors	16.7M color	
Maximum resolution	Horizontal : 1366 Pixels Vertical : 768 pixels	
Input Signal	Analog 0.7 Vp-p ± 5% positive at 75Ω , internally terminated	
Input Sync Signal	H/V Separate, TTL, P. or N.	
Maximum Pixel Clock rate	89MHz	
Active Display Horizontal/Vertical	16.13 x 9.07 inches (409.8(H) x 230.4 (V) mm)	
AC power voltage & Frequency	AC 110V ~ 240 @ 50/60 Hz	
Power Consumption	Under 50W (Under 1W , Stand by)	
Dimensions Set (W x D x H)	18.8 x 7.1 x 14.7 inches (477.1 x 180.25 x 374 mm)_with stand 18.8 x 2.6 x 12.9 inches (477.1 x 65.5 x 326.9 mm)_without stand	
Weight	10.58 lbs (4.8Kg)_with stand 9.26lbs(9.8Kg)_without stand	
TV System	Tuning	Frequency Synthesize (Refer to detailed Frequency Table)
	System	PAL/SECAM, DVB-T/C
	Sound	MONO, STEREO, NICAM, MPEG, DD, DD+, HE-AAC
Environmental Considerations	Operating Temperature : 50°F ~ 104°F (10°C ~ 40°C) Operating Humidity : 10% ~ 80%, non-condensing Storage temperature : -13°F ~ 113°F (-25°C ~ 45°C) Storage Humidity : 5% ~ 95%, non-condensing	
Audio Spec.	<ul style="list-style-type: none"> - MAX Internal Audio Output Power : Each 3W(Left/Right) - 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 	
Note: TruSurround HD, Game Mode, Energy Saving		

2. Product specifications

Model		LE22B45***	
Feature			
<ul style="list-style-type: none"> ▶ DIGITAL-TV, RF, 1-HDMI, 1-COMPONENT, 1-A/V, D-SUB, 1-SCART ▶ Brightness : 400cd/m² ▶ High Contrast Ratio : 800:1 ▶ Response Time : 5ms 			
Specifications			
Item		Description	
LCD Panel		TFT-LCD Panel, RGB Vertical Stripe, Normally white, TN	
Scanning Frequency		Horizontal : 40 kHz ~ 80 kHz (Automatic) Vertical : 47 Hz ~ 63 Hz (Automatic)	
Display Colors		16.7M color	
Maximum resolution		Horizontal : 1366 Pixels Vertical : 768 pixels	
Input Signal		Analog 0.7 Vp-p ± 5% positive at 75Ω , internally terminated	
Input Sync Signal		H/V Separate, TTL, P. or N.	
Maximum Pixel Clock rate		82MHz	
Active Display Horizontal/Vertical		18.80 x 10.57 inches (477.42(H) x 268.42(V) mm)	
AC power voltage & Frequency		AC 110V ~ 240 @ 50/60 Hz	
Power Consumption		Under 60W (Under 1W , Stand by)	
Dimensions Set (W x D x H)		22.0 x 8.5 x 17.2 inches (557.8 x 216 x 437.4 mm)_with stand 22.0 x 3.0 x 15.1 inches (557.8 x 75 x 384.1 mm)_without stand	
Weight		12.13 lbs (6.5Kg)_with stand 11.24 lbs (5.1Kg)_without stand	
TV System		Tuning	Frequency Synthesize (Refer to detailed Frequency Table)
		System	PAL/SECAM, DVB-T/C
		Sound	MONO, STEREO, NICAM, MPEG, DD, DD+, HE-AAC
Environmental Considerations		Operating Temperature : 50°F ~ 104°F (10°C ~ 40°C) Operating Humidity : 10% ~ 80%, non-condensing Storage temperature : -13°F ~ 113°F (-25°C ~ 45°C) Storage Humidity : 5% ~ 95%, non-condensing	
Audio Spec.		<ul style="list-style-type: none"> - MAX Internal Audio Output Power : Each 3W(Left/Right) - 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 	
Note: TruSurround HD, Game Mode, Energy Saving			

Model	LE26B45***	
Feature		
<ul style="list-style-type: none"> ▶ DIGITAL-TV, RF, 3-HDMI, 1-COMPONENT, 1-A/V, D-SUB, 1-SCART ▶ Brightness : 450cd/m² ▶ High Contrast Ratio : 3000:1 ▶ Response Time : 5ms 		
Specifications		
Item	Description	
LCD Panel	TFT-LCD Panel, RGB Vertical stripe, Normally balck	
Scanning Frequency	Horizontal : 40 kHz ~ 80 kHz (Automatic) Vertical : 47 Hz ~ 63 Hz (Automatic)	
Display Colors	16.7M color	
Maximum resolution	Horizontal : 1366 Pixels Vertical : 768 pixels	
Input Signal	Analog 0.7 Vp-p ± 5% positive at 75Ω , internally terminated	
Input Sync Signal	H/V Separate, TTL, P. or N.	
Maximum Pixel Clock rate	86MHz	
Active Display Horizontal/Vertical	22.7 x 12.7 inches (525.8(H) x 323.7(V) mm)	
AC power voltage & Frequency	AC 110V ~ 240 @ 50/60 Hz	
Power Consumption	Under 80W (Under 1W , Stand by)	
Dimensions Set (W x D x H)	26.4 x 8.5 x 19.5 inches (669.7 x 216 x 495.1 mm)_with stand 26.4 x 3.0 x 17.9 inches (669.7 x 75.3 x 455.0 mm)_without stand	
Weight	18.52 lbs (8.4Kg)_with stand 15.43 lbs (7Kg)_without stand	
TV System	Tunning	Frequency Synthesize (Refer to detailed Frequency Table)
	System	PAL/SECAM, DVB-T/C
	Sound	MONO, STEREO, NICAM, MPEG, DD, DD+, HE-AAC
Environmental Considerations	Operating Temperature : 50°F ~ 104°F (10°C ~ 40°C) Operating Humidity : 10% ~ 80%, non-condensing Storage temperature : -13°F ~ 113°F (-25°C ~ 45°C) Storage Humidity : 5% ~ 95%, non-condensing	
Audio Spec.	<ul style="list-style-type: none"> - MAX Internal Audio Output Power : Each 3W(Left/Right) - 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 	
Note: TruSurround HD, Game Mode, Energy Saving		

2. Product specifications

Model		LE32B45***	
Feature			
<ul style="list-style-type: none"> ▶ DIGITAL-TV, RF, 3-HDMI, 1-COMPONENT, 1-A/V, D-SUB, 1-SCART ▶ Brightness : 450cd/m² ▶ High Contrast Ratio : 5000:1 ▶ Response Time : 8ms 			
Specifications			
Item		Description	
LCD Panel		TFT-LCD Panel, RGB Vertical stripe, Normaly balck	
Scanning Frequency		Horizontal : 44 kHz ~ 53 kHz (Automatic) Vertical : 50 Hz ~ 60 Hz (Automatic)	
Display Colors		16.7M color	
Maximum resolution		Horizontal : 1366 Pixels Vertical : 768 pixels	
Input Signal		Analog 0.7 Vp-p ± 5% positive at 75Ω , internally terminated	
Input Sync Signal		H/V Separate, TTL, P. or N.	
Maximum Pixel Clock rate		85MHz	
Active Display Horizontal/Vertical		27.47 x 11.50 inches (697.68(H) x 392.26(V) mm)	
AC power voltage & Frequency		AC 110V ~ 240 @ 50/60 Hz	
Power Consumption		Under 130W (Under 1W , Stand by)	
Dimensions Set (W x D x H)		31.4 x 9.9 x 29.8 inches (797.7 x 252 x 756.5 mm)_with stand 31.4 x 3.3 x 20.9 inches (797.7 x 84.8 x 530.5 mm)_without stand	
Weight		20.79 lbs (11.7Kg)_with stand 20.72 lbs (9.4Kg)_without stand	
TV System		Tunning	Frequency Synthesize (Refer to detailed Frequency Table)
		System	PAL/SECAM, DVB-T/C
		Sound	MONO, STEREO, NICAM, MPEG, DD, DD+, HE-AAC
Environmental Considerations		Operating Temperature : 50°F ~ 104°F (10°C ~ 40°C) Operating Humidity : 10% ~ 80%, non-condensing Storage temperature : -13°F ~ 113°F (-25°C ~ 45°C) Storage Humidity : 5% ~ 95%, non-condensing	
Audio Spec.		<ul style="list-style-type: none"> - MAX Internal Audio Output Power : Each 3W(Left/Right) - 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 	
Note: TruSurround HD, Game Mode, Energy Saving			

Frequency (DTV)

Channel	UK	France	Germany	Italy	Spain	Sweden	Finland
VHF							
				[A] 56			
				[B] 64.5			
				[C] 84.5			
				[D] 177.5			
	[5] 178.75	[5] 177.5	[E] 186		[5] 177.5	[5] 177.5	
	[6] 186.75	[6] 184.5	[F] 194.5		[6] 184.5	[6] 184.5	
	[7] 194.75	[7] 191.5	[G] 203.5		[7] 191.5	[7] 191.5	
	[8] 202.75	[8] 198.5	[H] 212.5		[8] 198.5	[8] 198.5	
	[9] 210.75	[9] 205.5	[H1] 219.5		[9] 205.5	[9] 205.5	
	[10] 218.75	[10] 212.5	[H2] 226.5		[10] 212.5	[10] 212.5	
		[11] 219.5			[11] 219.5	[11] 219.5	
		[12] 226.5			[12] 226.5	[12] 226.5	
UHF							
21	474	474	474	474	474	474	474
22	482	482	482	482	482	482	482
23	490	490	490	490	490	490	490
24	498	498	498	498	498	498	498
25	506	506	506	506	506	506	506
26	514	514	514	514	514	514	514
27	522	522	522	522	522	522	522
28	530	530	530	530	530	530	530
29	538	538	538	538	538	538	538
30	546	546	546	546	546	546	546
31	554	554	554	554	554	554	554
32	562	562	562	562	562	562	562
33	570	570	570	570	570	570	570
34	578	578	578	578	578	578	578
35	586	586	586	586	586	586	586
36	594	594	594	594	594	594	594
37	602	602	602	602	602	602	602
38	610	610	610	610	610	610	610
39	618	618	618	618	618	618	618
40	626	626	626	626	626	626	626
41	634	634	634	634	634	634	634
42	642	642	642	642	642	642	642
43	650	650	650	650	650	650	650
44	658	658	658	658	658	658	658
45	666	666	666	666	666	666	666
46	674	674	674	674	674	674	674
47	682	682	682	682	682	682	682
48	690	690	690	690	690	690	690
49	698	698	698	698	698	698	698
50	706	706	706	706	706	706	706
51	714	714	714	714	714	714	714
52	722	722	722	722	722	722	722
53	730	730	730	730	730	730	730
54	738	738	738	738	738	738	738
55	746	746	746	746	746	746	746
56	754	754	754	754	754	754	754
57	762	762	762	762	762	762	762
58	770	770	770	770	770	770	770
59	778	778	778	778	778	778	778
60	786	786	786	786	786	786	786
61	794	794	794	794	794	794	794
62	802	802	802	802	802	802	802
63	810	810	810	810	810	810	810
64	818	818	818	818	818	818	818
65	826	826	826	826	826	826	826
66	834	834	834	834	834	834	834
67	842	842	842	842	842	842	842
68	850	850	850	850	850	850	850
69		858	858	858	858	858	858

2. Product specifications



Australia	Netherlands	China	Hongkong	Taiwan
[0] 48.5		[1]52.5		
[1] 59.5		[2]60.5		
[2] 66.5		[3]68.5		
[3] 88.5		[4]80		
[4] 97.5	[5] 174.5	[5]88		
[5] 104.5	[6] 181.5	[6]171		
[5A] 140.5	[7] 188.5	[7]179		
[6] 177.5	[8] 195.5	[8]187		
[7] 184.5	[9] 202.5	[9]195		
[8] 191.5	[10] 209.5	[10]203		
[9] 198.5	[11] 216.5	[11]211		
[9A] 205.5	[12] 223.5	[12]219		
[10] 212.5				
[11] 219.5				
[12] 226.5				
	474	[13]474	[21]474	[14]473
	482	[14]482	[22]482	[15]479
	490	[15]490	[23]490	[16]485
	498	[16]498	[24]498	[17]491
	506	[17]506	[25]506	[18]497
	514	[18]514	[26]514	[19]503
520~526, 6MHz	522	[19]522	[27]522	[20]509
529.5	530	[20]530	[28]530	[21]515
536.5	538	[21]538	[29]538	[22]521
543.5	546	[22]546	[30]546	[23]527
550.5	554	[23]554	[31]554	[24]533
557.5	562	[24]562	[32]562	[25]539
564.5	570	[25]610	[33]570	[26]545
571.5	578	[26]618	[34]578	[27]551
578.5	586	[27]626	[35]586	[28]557
585.5	594	[28]634	[36]594	[29]563
592.5	602	[29]642	[37]602	[30]569
599.5	610	[30]650	[38]610	[31]575
606.5	618	[31]658	[39]618	[32]581
613.5	626	[32]666	[40]626	[33]587
620.5	634	[33]674	[41]634	[34]593
627.5	642	[34]682	[42]642	[35]599
634.5	650	[35]690	[43]650	[36]605
641.5	658	[36]698	[44]658	[37]611
648.5	666	[37]706	[45]666	[38]617
655.5	674	[38]714	[46]674	[39]623
662.5	682	[39]722	[47]682	[40]629
669.5	690	[40]730	[48]690	[41]635
676.5	698	[41]738	[49]698	[42]641
683.5	706	[42]746	[50]706	[43]647
690.5	714	[43]754	[51]714	[44]653
697.5	722	[44]762	[52]722	[45]659
704.5	730	[45]770	[53]730	[46]665
711.5	738	[46]778	[54]738	[47]671
718.5	746	[47]786	[55]746	[48]677
725.5	754	[48]794	[56]754	[49]683
732.5	762	[49]802	[57]762	[50]689
739.5	770	[50]810	[58]770	[51]695
746.5	778	[51]818	[59]778	[52]701
753.5	786	[52]826	[60]786	[53]707
760.5	794	[53]834	[61]794	[54]713
767.5	802	[54]842	[62]802	[55]719
774.5	810	[55]850	[63]810	[56]725
781.5	818	[56]858	[64]818	[57]731
788.5	826	[57]866	[65]826	[58]737
795.5	834	[58]874	[66]834	[59]743
802.5	842	[59]882	[67]842	[60]749
809.5	850	[60]890	[68]850	[61]755
816.5	858	[61]898	[69]858	[62]761
		[62]906		[63]767
		[63]914		[64]773
				[65]779
				[66]785
				[67]791
				[68]797
				[69]803

Frequency (ATV)

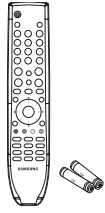
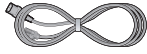
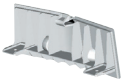
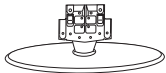

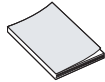


CH	CCIR (PAL B/G)		OIRT (SECAM D/K)		FRANCE (SECAM-L)		NEWZEAL	CHINA (PAL D/K)
1		69-855.25	49.25	69-855.25	176.00	69-855.25	45.25	49.25
2	48.25	E2-48.25	59.25		184.00	FA-47.75	55.25	57.25
3	55.25	E3-55.25	77.25		192.00	FB-55.75	62.25	65.25
4	62.25	E4-62.25	85.25		200.00	FC1-60.50	175.25	77.25
5	175.25	X -69.25	93.25		208.00	FC-53.75	182.25	85.25
6	182.25	Y -76.25	175.25		216.00	B-116.75	189.25	168.25
7	189.25	Z -83.25	183.25			C-128.25	196.25	176.25
8	196.25	Z1-90.25	191.25			D-140.75	203.25	184.25
9	203.25	Z2-97.25	199.25			E-152.75	210.25	192.25
10	210.25	S1-105.25	207.25			F-164.75	217.25	200.25
11	217.25	S2-112.25	215.25			F1-176.00	224.25	208.25
12	224.25	S3-119.25	223.25			G -176.75		216.25
13		S4-126.25				F2-184.00		471.25
14		S5-133.25				H -188.75		479.25
15		S6-140.25				F3-192.00		487.25
16		S7-147.25				F4-200.00		495.25
17		S8-154.25				I -200.75		503.25
18		S9-161.25				F5-208.00		511.25
19		S10-168.25				J -212.75		519.25
20		E5-175.25				F6-216.00		527.25
21	471.25	E6-182.25	471.25		471.25	K -224.75		535.25
22	479.25	E7-189.25	479.25		479.25	L -236.75		543.25
23	487.25	E8-196.25	487.25		487.25	M -248.75		551.25
24	495.25	E9-203.25	495.25		495.25	N -260.75		559.25
25	503.25	E10-210.25	503.25		503.25	O -272.75		607.25
26	511.25	E11-217.25	511.25		511.25	P -284.75		615.25
27	519.25	E12-224.25	519.25		519.25	Q -296.75		623.25
28	527.25	S11-231.25	527.25		527.25			631.25
29	535.25	S12-238.25	535.25		535.25			639.25
30	543.25	S13-245.25	543.25		543.25			647.25
31	551.25	S14-252.25	551.25		551.25			655.25
32	559.25	S15-259.25	559.25		559.25			663.25
33	567.25	S16-266.25	567.25		567.25			671.25
34	575.25	S17-273.25	575.25		575.25			679.25
35	583.25	S18-280.25	583.25		583.25			687.25
36	591.25	S19-287.25	591.25		591.25			695.25
37	599.25	S20-294.25	599.25		599.25			703.25
38	607.25	S21-303.25	607.25		607.25			711.25
39	615.25	S22-311.25	615.25		615.25			719.25
40	623.25	S23-319.25	623.25		623.25			727.25
41	631.25	S24-327.25	631.25		631.25			735.25
42	639.25	S25-335.25	639.25		639.25			743.25
43	647.25	S26-343.25	647.25		647.25			751.25
44	655.25	S27-351.25	655.25		655.25			759.25
45	663.25	S28-359.25	663.25		663.25			767.25
46	671.25	S29-367.25	671.25		671.25			775.25
47	679.25	S30-375.25	679.25		679.25			783.25
48	687.25	S31-383.25	687.25		687.25			791.25
49	695.25	S32-391.25	695.25		695.25			799.25
50	703.25	S33-399.25	703.25		703.25			807.25
51	711.25	S34-407.25	711.25		711.25			815.25
52	719.25	S35-415.25	719.25		719.25			823.25
53	727.25	S36-423.25	727.25		727.25			831.25
54	735.25	S37-431.25	735.25		735.25			839.25
55	743.25	S38-439.25	743.25		743.25			847.25
56	751.25	S39-447.25	751.25		751.25			855.25
57	759.25	S40-455.25	759.25		759.25			863.25
58	767.25	S41-463.25	767.25		767.25			871.25
59	775.25		775.25		775.25			879.25
60	783.25		783.25		783.25			887.25
61	791.25		791.25		791.25			895.25
62	799.25		799.25		799.25			903.25
63	807.25		807.25		807.25			911.25
64	815.25		815.25		815.25			919.25
65	823.25		823.25		823.25			927.25
66	831.25		831.25		831.25			935.25
67	839.25		839.25		839.25			943.25
68	847.25		847.25		847.25			951.25

2-2. Specification Comparison to Old Models

※ O : application, X : non-application

Model	LB4C (LE**B45***)	CORAL (LE**A45***)
Design		
Display Type	LCD TV	LCD TV
Built-in Tuner	O	O
Resolution	1366 x 768	1366 x 768 1680 x 1050 (22" only) 1440 x 900 (19" only)
LCD Panel	TFT LCD Panel 50Hz	TFT LCD Panel 50Hz
Screen Size	19"/22"/26"/32"	19"/22"/26"/32"/37"/40"
Picture ratio	16 : 9	19"/22": 16:10 26"/32": 16:9
Dimensions (W x H x D)	19 18.8 x 7.1 x 14.7 inchs_with stand 22 22.0 x 8.5 x 17.2 inchs_with stand 26 26.4 x 8.5 x 19.5 inchs_with stand 32 31.4 x 9.9 x 29.8 inchs_with stand	19 18.90 x 7.09 x 15.59 inchs_with stand 22 22.14 x 8.50 x 17.80 inchs_with stand 26 26.37 x 8.5 x 19.70 inchs_with stand 32 31.48 x 9.92 x 22.70 inchs_with stand 37 36.08 x 11.81 x 25.91 inchs_with stand 40 38.97 x 11.81 x 27.33 inchs_with stand
Weight	19 10.58 lbs_with stand 22 12.13 lbs_with stand 26 18.52 lbs_with stand 32 25.79 lbs_with stand	19 12.35 lbs_with stand 22 15.87 lbs_with stand 26 21.38 lbs_with stand 32 28.87 lbs_with stand 37 40.33 lbs_with stand 40 45.41 lbs_with stand
Brightness	250 ~ 450 cd/m ²	300 ~ 500 cd/m ²
Contrast Ratio	800 ~ 5000:1	1000 ~ 3000:1
Picture Enhancer	DNle (Saturn4)	DNle (FBE3)
Equalizer	O	O
Auto Volume Control	O	O
Surround Sound	SRS TruSurround HD	SRS TruSurround XT
Speaker Output	19"/22" : 3W 26" : 5W 32" : 10 W	19"/22" : 3W 26" : 5W 32" : 10W 40" : 10W
Energy Saving	O	O
Antenna	1(Cable/Air)	1(Air)

2-3. Accessories

Product	Description	Code. No	Remark
	Remote Control & Batteries (AAA x 2)	BN59-00865A	Samsung Electronics Service center
	Power Cord	3903-000145	
	Cover-Bottom	19": BN63-04252C BN63-04254C 22": BN63-04269B 26": BN63-04269B 32": BN63-05326B	
	Stand	19": BN96-04794A 22": BN96-06463F 26": BN96-06463F 32": BN90-02038A	
	Screw (for the stand - M4, L6)	6003-001334 (32" Only) 6002-001294	
	Owner's Instructions	BN68-01981A	
	Cleaning Cloth	BN-63-01798B	
	Warranty Card / Registration Card / Safety Guide Manual (Not available in all locations)	-	