

## 2 Product Specifications

### 2-1 Fashion Feature

- Develop Cost Effective Model
- LCD Monitor Standardization/Develop Concept-leading Product
- Develop New Design & Advanced Stand
- Apply integrated GUI for the user's convenience

### 2-2 LHA15AS/LHA15BS Specifications

Item	Description
LCD Panel	TFT-LCD panel, RGB vertical stripe, normally black transmissive, 15-Inch viewable, 0.297 (H) x 0.297 (V) mm pixel pitch
Scanning Frequency	Horizontal : 30 kHz ~ 81 kHz (Automatic) Vertical : 56 Hz ~ 75 Hz
Display Colors	16.7 Million colors
Maximum Resolution	Horizontal : 1024 Pixels Vertical : 768 Pixels
Input Video Signal	Analog, 0.7 Vp-p $\pm$ 1% positive at 75 $\Omega$ , internally terminated
Input Sync Signal	Type : Seperate H/V sync, Composite H/V, Sync-on-Green (option), automatic synchronization without external switch of sync type  Level : TTL level
Maximum Pixel Clock rate	135 MHz
Active Display Horizontal/Vertical	304.1 mm / 228.1 mm
AC power voltage & Frequency	AC 90 ~ 264 Volts, 60/50 Hz $\pm$ 3 Hz
Power Consumption	25W (Max)
Dimensions	Simple-Stand
Set (W x D x H)	337.5 x 60.2 x 264.5 mm(Without Stand)
	337.5 x 200.0 x 336.8 mm(With Stand)
	HAS-Stand
	337.5 x 60.2 x 264.5 mm(Without Stand) 337.5 x 180.0 x 333.8 mm(With Stand)
Weight (Set)	2.8 kg (Simple-Stand) / 3.7 kg(HAS-Stand)
Environmental Considerations	Operating Temperature : 50°F ~ 104°F (10°C ~ 40°C) Operating Humidity : 10 % ~ 80 % Storage Temperature : -13°F ~ 113°F (-25°C ~ 45°C) Storage Humidity : 5 % ~ 95 %
- Designs and specifications are subject to change without prior notice.	

## 2-3 LHA17AS/LHA17BS/LHA17TS Specifications

Item	Description	
	LHA17AS/LHA17BS	LHA17TS
LCD Panel	TFT-LCD panel, RGB vertical stripe, normally black transmissive, 17-Inch viewable, 0.264 (H) x 0.264 (V) mm pixel pitch	
Scanning Frequency	Horizontal : 30 kHz ~ 81 kHz (Automatic) Vertical : 56 Hz ~ 75 Hz	
Display Colors	16.2 Million colors	
Maximum Resolution	Horizontal : 1280 Pixels Vertical : 1024 Pixels	
Input Video Signal	Analog, 0.7 Vp-p $\pm$ 1% positive at 75 $\Omega$ , internally terminated	
Input Sync Signal	Type : Seperate H/V sync, Composite H/V, Sync-on-Green (option), automatic synchronization without external switch of sync type  Level : TTL level	
Maximum Pixel Clock rate	135 MHz	
Active Display Horizontal/Vertical	354.9 mm / 290.3 mm	
AC power voltage & Frequency	AC 90 ~ 264 Volts, 60/50 Hz $\pm$ 3 Hz	
Power Consumption	34W (Max)	
Dimensions Set (W x D x H)	Simple-Stand	
	366.0 x 60.2 x 301.4 mm(Without Stand)	
	366.0 x 200.0 x 379.3 (With Stand)	
	HAS-Stand	HAS-Stand(LHA17TS)
366.0 x 60.2 x 301.4 mm(Without Stand)		362.1 x 60.2 x 298.2 mm(Without Stand)
366.0 x 200.0 x 391.2 mm(With Stand)		362.1 x 200.0 x 389.6 mm(With Stand)
Weight (Set)	4.6 kg (Simple-Stand) / 4.8 kg(HAS-Stand)	4.6 kg
Environmental Considerations	Operating Temperature : 50°F ~ 104°F (10°C ~ 40°C) Operating Humidity : 10 % ~ 80 % Storage Temperature : -13°F ~ 113°F (-25°C ~ 45°C) Storage Humidity : 5 % ~ 95 %	
- Designs and specifications are subject to change without prior notice.		

## 2-4 LHA19BS/LHA19TS/LHA19AS Specifications

Item	Description	
	LHA19BS	LHA19TS
LCD Panel	TFT-LCD panel, RGB vertical stripe, normally black transmissive, 19-Inch viewable, 0.294 (H) x 0.294 (V) mm pixel pitch	
Scanning Frequency	Horizontal : 30 kHz ~ 81 kHz (Automatic) Vertical : 56 Hz ~ 75 Hz	
Display Colors	16.2 Million colors	
Maximum Resolution	Horizontal : 1280 Pixels Vertical : 1024 Pixels	
Input Video Signal	Analog, 0.7 Vp-p $\pm$ 1% positive at 75 $\Omega$ , internally terminated	
Input Sync Signal	Type : Seperate H/V sync, Composite H/V, Sync-on-Green (option), automatic synchronization without external switch of sync type  Level : TTL level	
Maximum Pixel Clock rate	135 MHz	
Active Display Horizontal/Vertical	396 mm / 324 mm	
AC power voltage & Frequency	AC 90 ~ 264 Volts, 60/50 Hz $\pm$ 3 Hz	
Power Consumption	38W (Max)	
Dimensions	Simple-Stand	HAS-Stand
Set (W x D x H)	407.6 x 65.4 x 335.0 mm(Without Stand)	403.6 x 65.4 x 331.9 mm(Without Stand)
	407.6 x 217.0 x 421.5 (With Stand)	403.2 x 200.0 x 406.4 mm(With Stand)
Weight (Set)	4.9 kg	5.4 kg
Environmental Considerations	Operating Temperature : 50°F ~ 104°F (10°C ~ 40°C) Operating Humidity : 10 % ~ 80 % Storage Temperature : -13°F ~ 113°F (-25°C ~ 45°C) Storage Humidity : 5 % ~ 95 %	
- Designs and specifications are subject to change without prior notice.		

2-5 Spec Comparison

Key Specification		
Model	540N	540B
Design		
Screen Size	15"	15"
Resolution	1024*768@75Hz	1024*768@75Hz
Colors	16.2M	16.2M
Brightness	250cd/m <sup>2</sup>	250cd/m <sup>2</sup>
Contrast	700:1	700:1
Supported Resolution	VGA ~ XGA	VGA ~ XGA
Horizontal Frequency	30~63kHz	30~63kHz
Sync Type	Sep./Comp./SOG	Sep./Comp./SOG
Vertical Frequency	56~75Hz	56~75Hz
Viewing Angle	150°/135°	150°/135°
Response Time	8ms(w to b)	8ms(w to b)
Signal Input	Analog (15pin D-sub)	Analog/Digital (15pin D-sub/DVI-D)
Power Consumption	25 Watt (Max)	25 Watt (Max)

Key Specifications		
Model	540N	540B
Set Dimension(mm)	337.5x200.0x336.8 (W x H x D)	337.5x180.0x333.8 (W x H x D)
Package(mm)	389x 380x 132(W x H x D)	447x334x215 (W x H x D)
VESA(mm)	75 x 75	75 X 75
Weight (kg)	2.8 (3.5 : Package)	3.7 (4.9 : Package)
Tilt	-1° ~ 0°(Forward) 0° ~ 23°(Backward)	-1° ~ 0°(Forward) 0° ~ 23°(Backward)
Power Supply	Built-in Power/Inveter	
Safety Mode	XSGA / Display	XSGA / Display
Magic Bright II /Magic Color  	Support	Support
Emissions Standard	TCO '99	TCO '99
Magic Tune 	Version 3.6	Version 3.6

Key Specification			
Model	740N	740B	740T
Design			
Screen Size	17"	17"	17"
Resolution	1280x1024@75Hz	1280x1024@75Hz	1280x1024@75Hz
Colors	16.2M	16.2M	16.7M
Brightness	300cd/m <sup>2</sup>	300cd/m <sup>2</sup>	280cd/m <sup>2</sup>
Contrast	700:1	700:1	1500:1
Supported Resolution	VGA ~ XSGA	VGA ~ XSGA	VGA ~ XSGA
Horizontal Frequency	30~81kHz	30~81kHz	30~81kHz
Sync Type	Sep./Comp./SOG	Sep./Comp./SOG	Sep./Comp./SOG
Vertical Frequency	56~75Hz	56~75Hz	56~75Hz
Viewing Angle	150°/135°	150°/135°	170°/170°
Response Time	8ms(w to b)	8ms(w to b)	25ms(w to b)
Signal Input	Analog (15pin D-sub)	Analog/Digital (15pin D-sub/DVI-D)	Analog/Digital (15pin D-sub/DVI-D)
Power Consumption	34 Watt (Max)	34 Watt (Max)	34 Watt (Max)

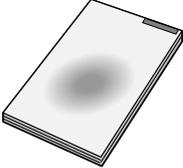
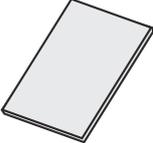
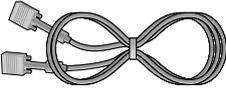
Key Specifications			
Model	740N	740B	740T
Set Dimension(mm)	366.0x200.0x379.3 (W x H x D)	366.0 x180.0 x333.8 (W x H x D)	362.1 x200.0 x389.6 (W x H x D)
Package(mm)	443 x435 x132 (W x H x D)	497 x334 x215(W x H x D)	497 x375 x235 (W x H x D)
VESA(mm)	75 x 75	75 x 75	75 X 75
Weight (kg)	3.4 (4.6 : Package)	4.8 (6.6 : Package)	4.6 (6.0 : Package)
Tilt	-1° ~ 0°(Forward) 0° ~ 23°(Backward)	-1° ~ 0°(Forward) 0° ~ 23°(Backward)	-1° ~ 0°(Forward) 0° ~ 23°(Backward)
Power Supply	Built-in Power/Inveter (17" & 19" )		
Safety Mode	UXGA / Display	UXGA / Display	UXGA / Display
Magic Bright II /Magic Color	Support	Support	Support
 			
Emissions Standard	TCO '99 ( TCO'03)	TCO '99 ( TCO'03)	TCO '99 ( TCO'03)
Magic Tune	Version 3.6	Version 3.6	Version 3.6

## 2 Product Specifications

Key Specification		
Model	940B	940T
Design		
Screen Size	19"	19"
Resolution	1280x1024@75Hz	1280x1024@75Hz
Colors	16.2M	16.7M
Brightness	300cd/m <sup>2</sup>	250cd/m <sup>2</sup>
Contrast	700:1	1000:1
Supported Resolution	VGA ~ XSGA	VGA ~ XSGA
Horizontal Frequency	30~81kHz	30~81kHz
Sync Type	Sep./Comp./SOG	Sep./Comp./SOG
Vertical Frequency	56~75Hz	56~75Hz
Viewing Angle	150°/135°	180°/180°
Response Time	8ms(w to b)	20ms(w to b)
Signal Input	Analog / Digital (15pin D-sub / DVI-D)	Analog / Digital (15pin D-sub / DVI-D)
Power Consumption	38 Watt (Max)	38 Watt (Max)

Key Specifications		
Model	940B	940T
Set Dimension(mm)	407.6 x217.0 x421.5 (W x H x D)	403.2 x200.0 x406.4 (W x H x D)
Package(mm)	495 x476 x150 (W x H x D)	522 x412 x235 (W x H x D)
VESA(mm)	75 x 75	75 X 75
Weight (kg)	4.9 (6.8 : Package)	5.4 (6.8 : Package)
Tilt	-1° ~ 0°(Forward) 0° ~ 23°(Backward)	-1° ~ 0°(Forward) 0° ~ 23°(Backward)
Power Supply	Built-in Power/Inveter (17" & 19")	
Safety Mode	UXGA / Display	UXGA / Display
Magic Bright II /Magic Color  	Support	Support
Emissions Standard	TCO '99 ( TCO'03)	TCO '99 ( TCO'03)
Magic Tune 	Version 3.6	Version 3.6

## 2-6 Option Specification

Item	Item Name	CODE.NO	Remark
	Quick Setup Guide	BH68-00376L	
	Warranty Card (Not available in all locations)	BH68-70438A	
	User's Guide, Monitor Driver, Natural Color software, MagicTune software MagicRotation software	BN59-00390Q	
	D-Sub(15 Pin) Cable	BN39-00244B	
	Power Cord	3903-000042	
	DVI Cable	BN39-00341A	Sold separately

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