

2 Product Specifications

2-1 Fashion Feature

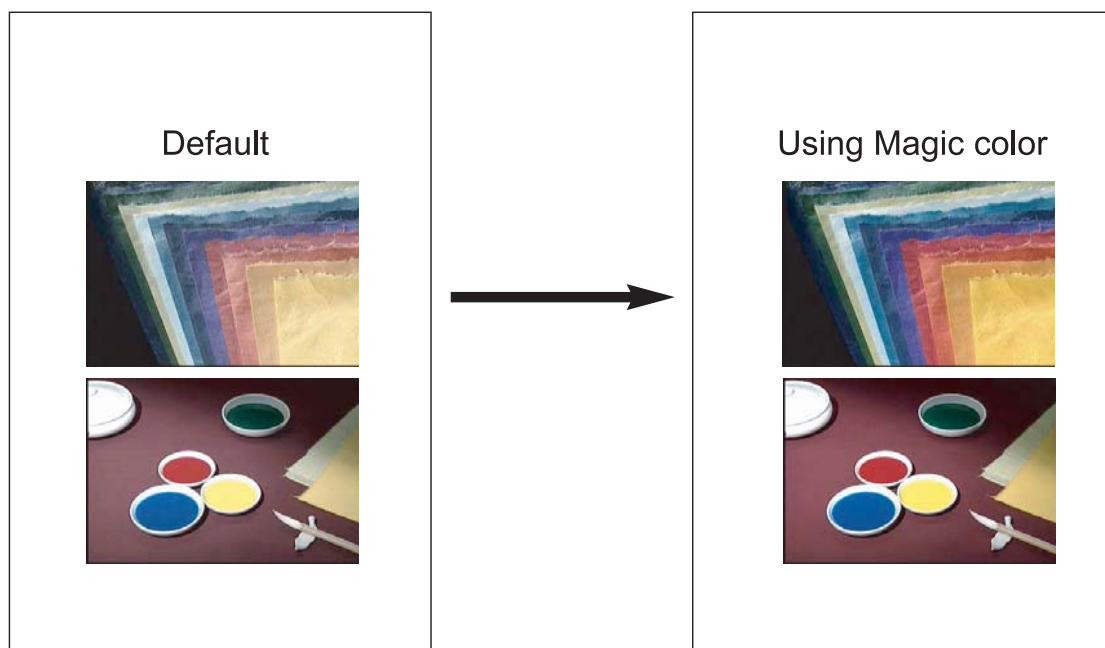
- Support Analog, Digital, Video, S-Video
- Improved Response Time by Adopting 16ms
- Support Magic Color Pro
Magic Color, Color Tone, Gamma, 6-Color, Color Weakness
- Support PIP when the sources are Anaolg and Digital
- Magic Bright : 4steps used
Test, Internet, Entertain. Custom
- Magictune 4.0 and Pivot software installed
- Auto Pivot : When the monitor is rotated in 90 degree, the display LED and OSD also are autimatically rotates accordingly. This can be performed only when Magictune 4.0 and the Pivot software are running.

2-2 Specifications

| Item | Description |
|--|---|
| LCD Panel | TFT-LCD panel, RGB vertical stripe, normally black transmissive, 21-Inch viewable, 0.270 (H) x 0.270 (V) mm pixel pitch |
| Scanning Frequency | Horizontal : 31 kHz ~ 80 kHz (Automatic) Vertical : 56 Hz ~ 75 Hz (UXGA : 60 Hz) |
| Display Colors | 16.7 Million colors |
| Maximum Resolution | Horizontal : 1600 Pixels Vertical : 1200 Pixels |
| Input Signal | Analog / Digital / Video / S-Video |
| Input Sync Signal | Seperate H/V sync, Composite H/V, Sync-on-Green, Automatic synchroniza tion whitout external swith of sync type Support Video mode : NTSC / PAL / SECAM / PAL M / PAL N / NT43 / PAL60 support DVI mode : 480i/p,720p@50Hz, 720p@60Hz , 1080i@50Hz 1080i@60Hz (Support HDCP) Level : TTL level |
| Maximum Pixel Clock rate | 165 MHz |
| Active Display Horizontal/Vertical | 432(H) x 324(W) mm |
| AC power voltage & Frequency | AC 90 ~ 264 Volts, 60/50 Hz \pm 3 Hz |
| Power Consumption | 63W (Max) |
| Dimensions Set (W x D x H) Package | 17.5 x 9.0 x 18.0 Inches (445 x 228.5 x 457.2mm) State of stand installed 17.0 x 10.8 x 22.8 Inches (432 x 275 x 580 mm) State of stand pivoted |
| Weight (Set/Package) | 8.15 kg (17.9 lbs) / 10.35 kg (22.8 lbs) |
| Environmental Considerations | Operating Temperature : 0°F ~ 122°F (0°C ~ 50°C) Operating Humidity : 20% ~ 90% Storage temperature : -4°F ~ 149°F (-20°C ~ 65°C) Storage Humidity : 5% ~ 90% |
| - Designs and specifications are subject to change without prior notice. | |

2-3 LS21BRBS feature



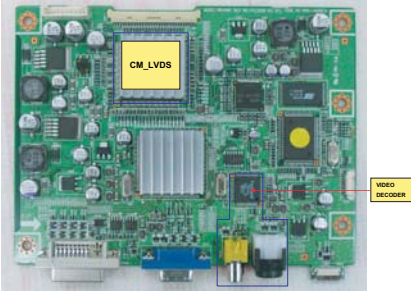
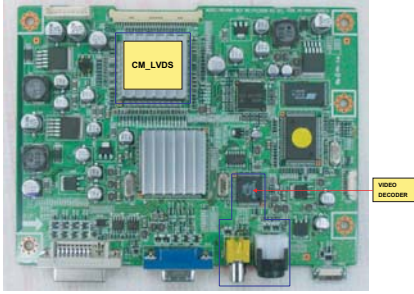
| No | Feature | Feature | Operating method |
|----|---------------------------------------|---|--|
| 1 | Auto Auto | If Brahms turns on in some resolution for the first time, it can execute Auto adjustment automatically for the high Quality | |
| 2 | Auto Power on/off | Brahms can check the change of Source Automatically and change the source to the active Input | |
| 3 | Wall mount | Brahms supports Wall mount (100mmx100mm VESA-compliant mounting interface pad.) | |
| 4 | Gamma & Color temperature Fine Adjust | Brahms supports 9-Step Fine Adjustment for Gamma & Color temperature | Magic tune 4.0 |
| 5 | Magic Bright | Brahms supports 4 different Brightness Mode (Text / Internet / Entertain / Custom) | |
| 6 | Sharpness | Adjust the Sharpness | |
| 7 | Auto Pivot | As Brahms has sensor IC for Pivot, 1) if Brahms rotates 90° , 2) MCU can detect the current status through sensor IC, 3) Magic tune 4.0 &Pivot Software can make change Screen to the rotated degrees automatically | It must be installed Magic tune 4.0 and Pivot Software to the PC |
| 8 | Magic Color | Off - Returns to the original mode Demo - The screen before applying MagicColor appears on the right and the screen after applying MagicColor appears on the left Full - Displays vivid natural color with clearness Intelligent - Displays not only vivid natural color but also more realistic natural skin color with clearness | Color menu of Magictune 4.0 |



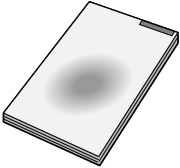
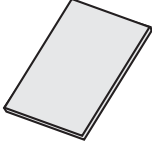
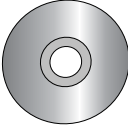


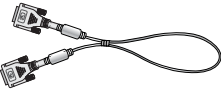
2-4 Spec Comparison

| Key Specification | | |
|-------------------|--|--|
| | LS21BRBS 214T | LS20BRCS 204Ts |
| Screen Size | 21.3" | 20.1" |
| Brightness | 300 cd/m ² | 300 cd/m ² |
| Contrast | 700:1 | 700:1 |
| Response Time | 16 ms | 16 ms |
| Input Source | Analog / Digital / AV / S-Video | Analog / Digital / AV / S-Video |
| Magic Color | O | O |
| Magic Pivot | O | O |
| Magic Tune | 4.0version | 4.0version |
| 6-Color | O | O |
| Color Weakness | O | O |
| Gamma | 8steps -0.2 / -0.1 / 0 / +0.1 / +0.2 / +0.3 / +0.4 / +0.5 / +0.6 | 8steps -0.2 / -0.1 / 0 / +0.1 / +0.2 / +0.3 / +0.4 / +0.5 / +0.6 |
| Magic Bright | 4steps Text / Internet / Entertain / Custom | 4steps Text / Internet / Entertain / Custom |
| Color Tone | 6steps Warm2 / Warm1 / Normal / Cool1 / Cool2 / Cool3 / Cool4 | 6steps Warm2 / Warm1 / Normal / Cool1 / Cool2 / Cool3 / Cool4 |

2-5 Spec Comparison to the Other Models

| Model | LS21BRBS (214T) | LS20BRCS (204Ts) |
|--------------------|---|--|
| Response | 16 ms | 16 ms |
| Input Source | Analog / Digital / AV / S-Video | Analog / Digital / AV / S-Video |
| Magic Pivot | AUTO(Pivot program + Sensor IC) | AUTO(Pivot program + Sensor IC) |
| Magic Color | O | O |
| Magic Tune | Ver 4.0 Applied | Ver 4.0 Applied |
| 6-Color | O | O |
| Color Weakness | O | O |
| PBA |  |  |
| Additional portion |  |  |

2-6 Option Specification

| Item | Item Name | CODE.NO | Remark |
|---|--|-------------|--------|
|  | Quick Setup Guide | BH68-00376L | |
|  | Warranty Card (Not available in all locations) | BH68-00261F | |
|  | User's Guide, Monitor Driver, Natural Color software, MagicTune™ software | BN59-00395P | |
|  | D-Sub(15 Pin) Cable | 3701-001219 | |
|  | Power Cord | 3903-000085 | |
|  | DVI Cable | BN39-00246F | |

Memo