Diamond—a history of distinction.

When nothing but the best will do, there is Diamond, by Mitsubishi. Diamond is the embodiment of our devotion to timeless design, a commitment to quality and the pursuit of innovation, hallmarks that have earned Mitsubishi, a reputation for excellence.

Versatility is a key trait of classic design. It is the point where beauty and functionality meet. Made from only the finest materials, all Diamond models accommodate multiple connection inputs in a high-gloss black finish, accented by the soft glow of blue LED lights that guarantee your set will look great on or off. At last, when you do turn on your Diamond, you will notice the range of features designed to give you the best in picture and sound performance. And with our Variable Smooth120Hz™ Film Motion feature, you can preserve the pristine nature of film, while removing motion blur from fast moving objects.

Get the Perfect Picture Every Time

◆ Variable Smooth120Hz™ Film Motion
◆ PerfecTint™
◆ DeepField™ Imager
◆ SharpEdge™
◆ Plush1080p® 16-Bit Digital Video Processing
◆ 65,536 Levels of Gradation for a Smooth, Natural-looking Picture
  • 1080p LCD Flat Panel Display
  • 10-Bit LCD Panel
  • Full Spectrum Color™ Wide Color Gamut LCD
  • HDMI 1.3a™
    Deep Color (36 bit) and x.v.Color™
  • 6-Color Processor
  • High Contrast Picture
  • Tru1080p™ Processing
  • Color 4D Video Noise Reduction
  • PerfectColor™
  • Video Modes: Brilliant / Bright / Natural / Game

Watch TV Your Way

◆ High Fidelity Sound
◆ Subwoofer Preout
◆ RS-232C Input
◆ AMX Device Discovery
◆ Fully Illuminated Remote
▲ Digital Cable Ready HDTV with CableCARD™ Slot
▲ TV Guide Daily®
◆ UltraThin Frame™ Design
◆ Swivel Base (+/- 30°)
◆ Easy Connect™
◆ NetCommand®
◆ Side USB Photo Input
◆ 4 Rear HDMI™ Inputs with Consumer Device Control
◆ SimplayHD™ Certified HDMI™
◆ Side Component Input
◆ 2 Rear Component Inputs
Model | LT-46246 | LT-52246  
--- | --- | ---  
Screen Size | 46-inch | 52-inch  
Aspect Ratio | 16:9 (widescreen) | 16:9 (widescreen)  
Height (Physical) w/o base | 26.4” | 29.6”  
Width (Physical) | 42.0” | 47.7”  
Depth (Physical) w/o base | 4.8” | 4.8”  
Height on Base | 28.0” | 31.2”  
Depth on Base | 11.2” | 14.1”  
Weight with Base | 61.7 lbs. | 72.8 lbs.  

**Power Consumption**  
Operating | 315W | 330W  
Standby | 22W | 22W  
Low Standby | 1.7W | 1.7W  

**Optical System**  
Display Type | 1080p LCD  
Full Spectrum Color™ | Yes  
Pixel Resolution (horizontal x vertical*) | 1920 x 1080  
Frame Refresh Rate | 120Hz  

**Video Performance**  
Video Format Conversion | Plush1080p®  
HDMI1.3a™ | Yes  
DeepColor (36-Bit) and x.v. Color™ | Yes  
PerfectColor™ | Yes  
PerfecTint™ | Yes  
DeepField™ Imager | Yes  
SharpEdge™ | Yes  
Video Noise Reduction | Color 4D  
Picture Format Modes (4:3 sources) | 6  
Picture Format Modes (16:9 sources) | 3  
Smooth 120Hz™ Film Motion | Yes  
65,536 Levels of Gradation | Yes  

**User Controls**  
TV Guide Daily® | Yes  
Easy Connect™ | Yes  
NetCommand® | Yes  
ChannelView™ | Yes  
AV Adjustment (memorized by input) | Yes  
Color Temperature Control (by input) | High/Low  
Video Modes: Brilliant/Bright/Natural/Game | Yes  
Full Screen Image Freeze | Yes  

**Audio**  
Internal Loudspeakers | High Fidelity Stereo Full Range  
Speaker Size | 5 1/2” x 2 1/4”  
Output Power (watts/ch.) | 10W x 2  
Level Sound (dynamics limiter) | Yes  
Digital Output (PCM) for All Analog Sources | Yes  

**Tuning**  
Combined Tuner (Analog/Digital/Cable) In The Clear | 1  
CableCARD™ Slot | Yes  
Antenna (RF) Inputs | 2  
Side Inputs |  
Side Component/Composite Combined Video Input | 1  
Side USB Photo Input | 1  

**Rear Inputs**  
AV Inputs with S-Video | 2  
Component Video Inputs | 2  
(1 Component/Composite combined)  
HDMI™ Inputs | 4  
480i, 480p, 720p, 1080i (60Hz) | Yes  
1080p (24Hz, 30Hz, 60Hz) | Yes  

**HDMI™ Digital PC Compatibility**  
640 x 480, 898 x 480, 850 x 600, 1064 x 600, 1024 x 768, 1280 x 720, 1365 x 768, 1280 x 1024 @ 60Hz | Yes  
1920 x 1080 @ 24Hz, 30Hz, 60Hz | Yes  

**Outputs (Analog)**  
Stereo Audio Output | 1 (fixed)  
Digital Audio Output (Dolby® Digital / PCM) | 1 (coaxial)  
Subwoofer Preout | 1  
NetCommand® IR Emitters | 1  

**Remote Control**  
Remote Control | Fully Illuminated  
Device Multibrand Illuminated Remote | Yes  

**Customization Features**  
Wired IR Input | 1  
Direct IR Input Selection | Yes  
Direct IR Format Selection | Yes  
Independent IR Power ON / OFF | Yes  
RS-232C | Yes  

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