ULTRATHIN FRAME™
LCD
HDTV

DIAMOND | 1080P LCD FLAT PANEL HDTV

Official HDTV

MODELS: LT-46246 | LT-52246

THIN FRAME

6COLOR
PROCESSOR

x.v.Color

4 HDMI™
with Simplay HD™

SMOOTH 120Hz
FILM MOTION

AMX
DEVICE DISCOVERY

SWIVEL BASE

TV GUIDE
DAILY

LT-52246 Shown on Included Base
Cabinet Color: Black Pearl (High Gloss), Accent: Diamond Blue Light

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

◆ Diamond Step Up Feature
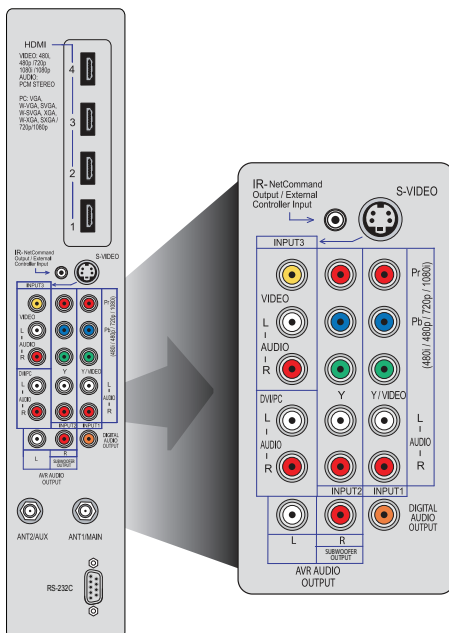▲ Step-Up Feature (from 148 Series)

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

MITSUBISHI ELECTRIC
DIGITAL TELEVISIONS™

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

LT-52246 Shown on Included Base

Backpanel

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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
Deep Color (36-Bit) and x.v. Color™	
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
Smooth120Hz™ Film Motion	Yes
65,536 Levels of Gradiation	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	
A/V Inputs with S-Video	2
Component Video Inputs (1 Component/Composite combined)	2
HDMI™ Inputs	4
480i, 480p, 720p, 1080i (60Hz)	Yes
1080p (24Hz, 30Hz, 60Hz)	Yes
HDMI™ Digital PC Compatibility	
640 x 480, 898 x 480, 800 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
5 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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