

# LT-46231

# 1080p LCD Flat Panel HDTV

Model:  
LT-46231



LT-46231 Shown  
Black High Gloss

## Overview

The Diamond LT-46231 combines high gloss slim, sleek flat panel styling together with 1080p LCD picture performance. This 46" 1080p HDTV delivers over two million pixels, the highest high definition resolution available, producing razor sharp images. It also features Full Spectrum Color™ which generates 25% more color than standard LCD panels. And High Contrast Picture creates a picture with deeper blacks and richer dark scene details by dynamically matching the brightness of the TV backlight to that of the on-screen image. Mitsubishi's all-new digital signal processing system includes Plush1080p® for precise de-interlacing and upconversion to 1080p, 4D Video Noise Reduction for smooth yet detailed images, and Tru1080p™ for processing the highest resolution HDTV signals in their native format.

This Diamond 46" HDTV includes two HDMI™ inputs, an IEEE 1394 interface, along with DVI-I and three component inputs that provide connection to almost any HD component. ClearThought® Easy Connect makes set-up so easy by recognizing when a component is connected.

The LT-46231 is loaded with TV Guide On Screen® and Mitsubishi's proprietary NetCommand®, which allows you to control your entire home theater system from a single, fully-illuminated remote control or the included simple second remote control. This Mitsubishi Diamond is the ultimate in flat panel performance and design.

## Get the Perfect Picture Every Time

- 1080p LCD Flat Panel Display
- High Contrast Picture
- Full Spectrum Color™
- Plush1080p®
- 4D Video Noise Reduction
- Tru1080p™ Processing
- PerfectColor™
- PerfectTint™

## Watch TV Your Way

- Digital Cable Ready HDTV with CableCARD™ Slot
- TV Guide on Screen®
- ClearThought® Easy Connect
- NetCommand® with IR Learning
- 2 HDMI™ Inputs
- PC DVI-I Input
- 3 Component Inputs
- Rear IEEE 1394
- Fully-Illuminated Remote
- Additional Simple Remote



Descriptions and specifications subject to change without notice. The dimensions are approximate for general information when deciding the locations and placements of the product. When creating a custom-built environment for this product, please take exact measurements from the specific unit to be installed before doing any finished carpentry. When installing the unit, allow for air circulation, ventilation, and variations due to manufacturing tolerances. The cosmetic appearance of the product may vary from that depicted here.

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# LT-46231

# 1080p LCD Flat Panel HDTV

<b>Model</b>	<b>LT-46231</b>
Screen Size	46-inch
Aspect Ratio	16:9 (widescreen)
Height (physical)	29.3"
Width (physical)	44.6"
Depth (physical)	5.7"
Weight (physical)	71.8 lbs.
Height on Base	31.7"
Depth on Base	15.6"
Weight on Base	89.0 lbs.
Power Consumption	350 Watts



LT-46231 Shown

<b>Optical System</b>	<b>LT-46231</b>
Display Type	1080p LCD Panel
Pixel Resolution (horizontal x vertical*)	1920 x 1080
Vertical Scan Rate	60Hz
Full Spectrum Color™	Yes
<b>Video Performance</b>	
Video Format Conversion	Plush1080p®
PerfectColor™	Yes
PerfectTint™	Yes
Video Noise Reduction	4D
Picture Format Modes (4:3 sources)	6
Picture Format Modes (16:9 sources)	2
<b>User Controls</b>	
TV Guide on Screen®	Yes
ClearThought® Easy Connect	Yes
NetCommand® with IR Learning	Yes
ChannelView™	Yes
AV Adjustment (memorized by input/device)	Yes
Color Temperature Control (by device)	High / Low
Video Modes: Brilliant / Bright / Natural	Yes
Full Screen Image Freeze	Yes
Split Screen (with external second source)	Yes
<b>Audio</b>	
Internal Loudspeakers	Stereo Full Range
Speaker Sizes	4 1/2" x 2"
Output Power (watts / ch.)	10W x 2
Level Sound (dynamics limiter)	Yes
Digital Output (PCM) for All Analog Sources	Yes
<b>Tuning</b>	
Combined Tuner (Air/Cable-NTSC/ATSC/QAM)	1
CableCARD™ Slot	Yes
Antenna (RF) Inputs	2
<b>AV Inputs (Analog with Stereo Audio)</b>	
Front A/V Inputs with S-Video	1
Rear A/V Inputs with S-Video	2
Component Video Inputs (480i/480p/720p/1080i)	3

<b>PC DVI-I Input*</b>	
VGA-XGA, 1280 x 720 Analog	Yes
VGA-SXGA, 1280 x 720, 1920 x 1080 Digital	Yes
<b>Inputs / Outputs (Digital)</b>	
HDMI™ with DVI Stereo Audio	2
480i, 480p, 720p, 1080i	Yes
1080p	Yes
IEEE 1394 (MPEG2)	2
Digital Audio Output (Dolby® Digital / PCM)	1 (coaxial)
<b>Outputs (Analog)</b>	
Stereo Audio Output	1 (fixed)
Record A/V Output	1
<b>Remote Control</b>	
Remote Control	Fully-Illuminated
Multibrand Remote Control	Yes
Additional Simple Remote	Yes
<b>Customization Features (via IR)</b>	
Direct Input Selection	Yes
Direct Format Selection	Yes
Independent Power ON / OFF	Yes
<b>Convenience Features</b>	
Swivel Stand (Manual / Power)	Manual
Wall Mount Compatibility	Yes

Features, specifications and dimensions are subject to change without notice. Physical appearance of television and matching base may vary slightly from images shown on this document.

\*TV and some PC displays have standard overscan.

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