

DIAMOND 249 | IMMERSIVE SOUND TV

Models: LT-46249 | LT-52249

MITSUBISHI ELECTRIC
unisen
IMMERSIVE SOUND TELEVISION



LT-52249 Shown on Included Base
Cabinet Color: Swan Gradation Design
Accent: Diamond Blue Light



THIN
FRAME

VARIABLE
SMOOTH 240
FILM MOTION

6COLOR
PROCESSOR

4 HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE



USB
INPUT

PERFORMANCE WITHOUT COMPROMISE

Mitsubishi Unisen™ envelops you in sound. It's the first premium flat panel TV with a Dolby® Digital 5.1 channel surround sound system designed right into the television – uniting superior picture with superior sound for a complete, enhanced sensory experience.

The all new Diamond 249 Series comes equipped with an 18 speaker, Integrated Sound Projector with Dual Driver Extended Range Sound so you can enjoy concert sound quality without the need for separate components; and for the first time ever, our Diamond line includes VUDU™ Integrated 1080p Video, so you can stream movies and TV shows from the internet for enjoyment on your TV.

SIMPLICITY AT ITS FINEST

- ◆ New 18-Speaker, Integrated Sound Projector
- ◆ Dual Driver Extended Range Sound
- ◆ VUDU™ Integrated 1080p Video
- ◆ Variable Smooth240™ Film Motion
- ◆ New Swan Gradation Design
- ◆ New Plush1080p® 5G 18-bit Digital Video Processing
- ◆ New ISFccc® Certified Video Calibration
- ◆ RS-232c Communication Terminal Input
- ◆ AMX Device Discovery
- ◆ New Sound Projector Calibration Microphone
- ▲ PerfectTint™
- ▲ DeepField™ Imager
- ▲ NetCommand®
- ▲ Wired IR Input
- EnergyStar™ 3.0 Qualified
- ◆ Diamond Step Up Feature
- ▲ Step-Up Feature (from 151 Series)
- UltraThin™ Frame
- Wide Color Gamut: CCFL Panel (92% of NTSC)
- New Super Contrast Panel
- New Advanced Video Calibration Mode
- Perfect Color™
- SharpEdge™
- 6-Color Processor™
- 4 HDMI™ 1.3a Deep Color™ (36-bit) & x.v.Color™
- Easy Connect™
- New Digital Audio Input (coaxial)
- USB Media Input (Photo & Music)
- Variable Subwoofer Output
- Detachable IEC Power Cord
- New Jade Activity-Based User Interface



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Official HDTV



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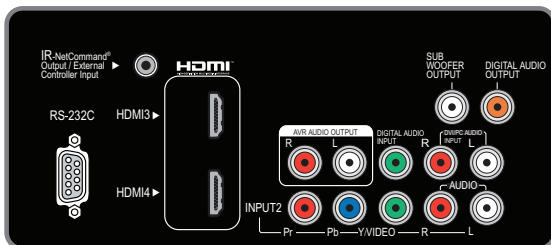
MODEL	LT-46249	LT-52249
Screen Size	46-inch	52-inch
Aspect Ratio	16:9 (widescreen)	16:9 (widescreen)
Height (Physical) w/o base	28.1"	31.5"
Width (Physical)	42.0"	47.7"
Depth (Physical) w/o base	3.0"	3.6"
Height on Base	29.4"	32.8"
Depth on Base	12.9"	14.0"
Weight	68.4 lbs.	85.1 lbs.
POWER CONSUMPTION		
Operating	250 Watts	250 Watts
Standby	0.5 Watts	0.5 Watts



LT-52249 shown on included base

OPTICAL SYSTEM	
Display Type	1080p LCD
WCG CCFL Backlight	Yes
Color Gamut	92% off NTSC
Pixel Resolution (horizontal x vertical *)	1920 x 1080
Frame Refresh Rate	120Hz
VIDEO PERFORMANCE	
Video Format Conversion	Yes
HDMI 1.3a™	Yes
DeepColor™ (36-Bit) and x.v. Color™	Yes
PerfectColor™	Yes
PerfectTint™	Yes
SharpEdge™	Yes
DeepField™ Imager	Yes
Improved Video Noise Reduction	Yes
Picture Format Modes (4:3 sources)	6
Picture Format Modes (16:9 sources)	3
Variable Smooth240™ Film Motion	Yes
USER CONTROLS	
Easy Connect™	Yes
NetCommand®	Yes
ChannelView™	Yes
A/V Adjustment (Memorized By Input)	Yes
ISF ccc® Certified Video Calibration	Yes
Color Temperature Control (By Input)	Yes
Video Modes:	Yes
Brilliant/Bright/Natural/Game/ISF Day/ISF Night	
AUDIO	
18-Speaker System	Discrete 5.1 Channels
Calibration Microphone	Yes
Surround Sound Processor	Dolby Digital™, Dolby Pro
Output Power (watts/ch.)	2W x 16, 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
Antenna (RF) Inputs	1
SIDE INPUTS	
Component/Composite Combined Video Inputs	1
Side USB Photo/Music Inputs	1
REAR INPUTS	
Component/Composite Combined Video Inputs	2
HDMI™ Inputs	4
480i, 480p, 720p, 1080i (60Hz)	Yes
1080p (24Hz, 30Hz, 60Hz)	Yes
Digital Audio Input (Coaxial)	1
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	
Stereo Audio Output (Fixed/Variable)	1
Variable Subwoofer Output	1
Digital Audio Output (Dolby® Digital/PCM)	1
ETHERNET FUNCTIONALITY	
Internet Media Ready	Yes
Remote Control	Universal
CUSTOMIZATION FEATURES	
Direct IR Input Selection	Yes
Direct IR Format Selection	Yes
Independent IR Power ON / OFF	Yes
Wired IR Input	Yes

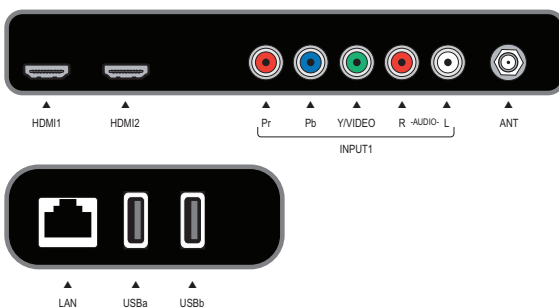
BACKPANEL



SIDE PANEL



BOTTOM PANELS



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