



Panasonic ideas for life

Panasonic Professional Display Company
Division of Panasonic Corporation of North America
www.panasonic.com/premiere

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Specifications

DISPLAY	Screen Size (Diagonal)	TH-65VX100U		TH-50VX100U	
		64.80-inch (1,646 mm)	16:9	49.96-inch (1,269 mm)	16:9
	Aspect Ratio	56.5" x 31.8"		43.5" x 24.5"	
	Effective Display Area (W x H)	1,920 x 1,080 pixels		1,920 x 1,080 pixels	
	Resolution (H x V)	0.747 x 0.747 mm		0.576 x 0.576 mm	
	Pixel Pitch (H x V)	60,000:1		40,000:1	
	Contrast Ratio	7,160 steps (equivalent)		6,144 steps (equivalent)	
	Gradation	VGA, SVGA, XGA, WXGA, SXGA, UXGA (compressed)		VGA, SVGA, XGA, WXGA, SXGA, UXGA (compressed)	
APPLICABLE SIGNALS		Horizontal frequency 15 - 110 kHz, Vertical frequency 48 - 120 Hz			
TECHNICAL FEATURES		STANDARD/DYNAMIC/CINEMA/MONITOR			
INPUT / OUTPUT	Picture Menu	Yes	Yes	Yes	Yes
	Color Temp	Yes	Yes	Yes	Yes
	Black Extension	Yes	Yes	Yes	Yes
	Input Level	Yes	Yes	Yes	Yes
	Gamma	S CURVE/1.0/2.0/2.2/2.5/2.6	S CURVE/1.0/2.0/2.2/2.5/2.6	S CURVE/1.0/2.0/2.2/2.5/2.6	S CURVE/1.0/2.0/2.2/2.5/2.6
	AGC	Yes (ON/OFF)	Yes (ON/OFF)	Yes (ON/OFF)	Yes (ON/OFF)
	WB	HIGH R/G/B, LOW R/G/B	HIGH R/G/B, LOW R/G/B	HIGH R/G/B, LOW R/G/B	HIGH R/G/B, LOW R/G/B
	3:2 Pull-down	Yes (ON/OFF)	Yes (ON/OFF)	Yes (ON/OFF)	Yes (ON/OFF)
	Studio Gain	Yes (ON/OFF)	Yes (ON/OFF)	Yes (ON/OFF)	Yes (ON/OFF)
	Video Noise Reduction	Yes (ON/OFF)	Yes (ON/OFF)	Yes (ON/OFF)	Yes (ON/OFF)
	Block Noise Reduction	Yes (ON/OFF)	Yes (ON/OFF)	Yes (ON/OFF)	Yes (ON/OFF)
	Mosquito Noise Reduction	Yes (ON/OFF)	Yes (ON/OFF)	Yes (ON/OFF)	Yes (ON/OFF)
	ist Mode	Day/Night	Day/Night	Day/Night	Day/Night
	PC In	Mini D-sub 15pin x1 (Female)	Mini D-sub 15pin x1 (Female)	Mini D-sub 15pin x1 (Female)	Mini D-sub 15pin x1 (Female)
Fixed Terminals	Audio In	- Plug & Play (VESA DDC 2B)	- Plug & Play (VESA DDC 2B)	- Plug & Play (VESA DDC 2B)	- Plug & Play (VESA DDC 2B)
	Serial	M3 Jack x 1	M3 Jack x 1	M3 Jack x 1	M3 Jack x 1
	Component In	D-sub 9-pin x 1 (Male)	D-sub 9-pin x 1 (Male)	D-sub 9-pin x 1 (Male)	D-sub 9-pin x 1 (Male)
Interchangeable Terminals	(Slot1) HDMI In	HDMI x 2	HDMI x 2	HDMI x 2	HDMI x 2
	(Slot2) HDMI In	HDMI x 2	HDMI x 2	HDMI x 2	HDMI x 2
	(Slot3) Component In	RCA x 3	RCA x 3	RCA x 3	RCA x 3
CONVENIENCES	EXT. SCALER Function	RCA pin jack x 2	RCA pin jack x 2	RCA pin jack x 2	RCA pin jack x 2
	User Calibration Memory	ON/OFF	ON/OFF	ON/OFF	ON/OFF
	Memory Lock	16 memories	16 memories	16 memories	16 memories
	Screen Saver	Lock1/Lock2	Lock1/Lock2	Lock1/Lock2	Lock1/Lock2
	Side Bar Adjust	Yes (4 different mode)	Yes (4 different mode)	Yes (4 different mode)	Yes (4 different mode)
	Wobbling	OFF/DARK/MID/BRIGHT	OFF/DARK/MID/BRIGHT	OFF/DARK/MID/BRIGHT	OFF/DARK/MID/BRIGHT
	Peak Limit	ON1/ON2/OFF	ON1/ON2/OFF	ON1/ON2/OFF	ON1/ON2/OFF
	Power Save	Yes (ON/OFF)	Yes (ON/OFF)	Yes (ON/OFF)	Yes (ON/OFF)
	Stand By Save	Yes (ON/OFF)	Yes (ON/OFF)	Yes (ON/OFF)	Yes (ON/OFF)
	Power Management	Yes (ON/OFF)	Yes (ON/OFF)	Yes (ON/OFF)	Yes (ON/OFF)
	Auto Power Off	Yes (ON/OFF)	Yes (ON/OFF)	Yes (ON/OFF)	Yes (ON/OFF)
	Customizing the On-Screen	TYPE1/TYP2/TYP3	TYPE1/TYP2/TYP3	TYPE1/TYP2/TYP3	TYPE1/TYP2/TYP3
	Power Requirements	AC 120 V, 50Hz/60Hz	AC 120 V, 50Hz/60Hz	AC 120 V, 50Hz/60Hz	AC 120 V, 50Hz/60Hz
	Power Consumption	755 W	755 W	605 W	605 W
ELECTRICAL	Power off Condition	0.2 W	0.2 W	0.1 W	0.1 W
	Stand-by Condition	Save Off 1.0 W, Save On 0.5 W	Save Off 1.0 W, Save On 0.5 W	Save Off 0.9 W, Save On 0.5 W	Save Off 0.9 W, Save On 0.5 W
	Dimensions (W x H x D)	61.2" x 36.4" x 3.7"	61.2" x 36.4" x 3.7"	47.6" x 28.5" x 3.7"	47.6" x 28.5" x 3.7"
MECHANICAL	Weight	approx. 152.2 lbs	approx. 152.2 lbs	approx. 81.6 lbs	approx. 81.6 lbs
	Cabinet Color	Black (Aluminum Hairline Finish)	Black (Aluminum Hairline Finish)	Black (Aluminum Hairline Finish)	Black (Aluminum Hairline Finish)
	Temperature	32°F - 104°F (0°C - 40°C)	32°F - 104°F (0°C - 40°C)	Black (Aluminum Hairline Finish)	Black (Aluminum Hairline Finish)
ENVIRONMENTAL	Operating Environment	20% - 80% (Non condensation)	20% - 80% (Non condensation)	20% - 80% (Non condensation)	20% - 80% (Non condensation)
	Humidity	0 - 9,100 feet (0 - 2,800m)	0 - 9,100 feet (0 - 2,800m)	0 - 9,100 feet (0 - 2,800m)	0 - 9,100 feet (0 - 2,800m)
	Altitude				
RADIATION REGULATION		FCC Part 15 Class-B, ICES-003, NOM			
SAFETY REGULATION		UL6500 Ver.2 / NOM approval			

Options

Pedestal

TY-ST65VX100 (for 65-inch model)

TY-ST50VX100 (for 50-inch model)

Wall-Hanging Bracket (Vertical)

TY-WK65PV7 (for 65-inch model)

TY-WK42PV7 (for 50-inch model)

Wall-Hanging Bracket (Angled)

TY-WK65PR8 (for 65-inch model)

TY-WK42PR7 (for 50-inch model)

Terminal Boards

BNC Component Video Terminal Board: TY-42TM6A

RCA Component Video Terminal Board: TY-42TM6Z

HD-SDI Terminal Board: TY-FB9HD

HD-SDI Terminal Board with audio: TY-FB10HD

Dual Link HD-SDI Terminal Board: TY-FB11DHD

Dual HDMI Terminal Board: TY-FB10HMD

DVI-D Terminal Board: TY-FB11DD

Ir Through Terminal Board: TY-FB9RT

Included Accessory

Remote Control Transmitter

Illuminated Buttons

The channel and volume buttons — the ones you use most often — light up for easy access and operation in the dark.



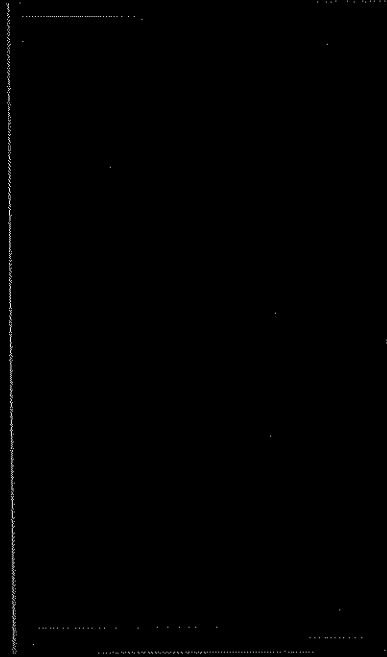
Sophisticated Design

The aluminum bezel has a beautiful hairline finish.

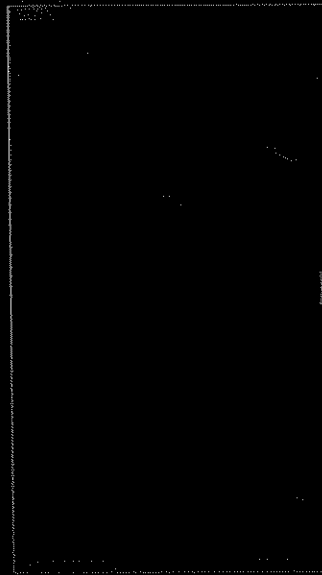
The display is both beautiful and easy to view.

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An attractive 3D logo plate enhances quality.



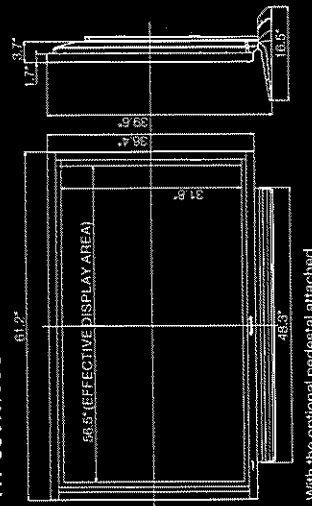
TH-65VX100U



TH-50VX100U

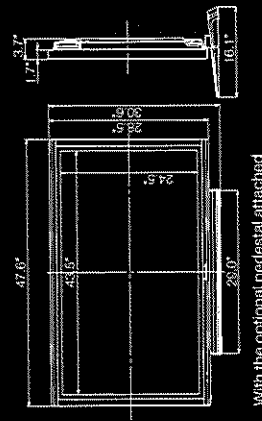
Dimensions(Unit:inch)

TH-65VX100U

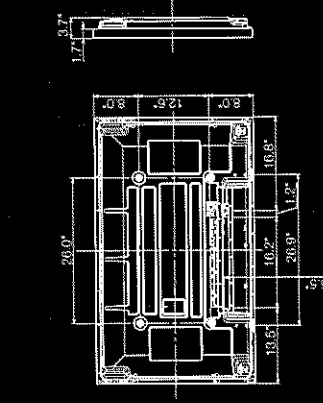
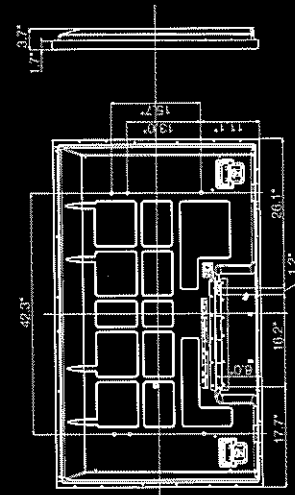


With the optional pedestal attached

TH-50VX100U



With the optional pedestal attached



Filled with Professional Functions

Customized Viewing

Tailor the image to match the source

You can create, name, and store 16 different combinations of user adjustments from the menu. You can then easily switch to the preferred setting for viewing movies, sports, or playing video games.



Watching movies

Watch movies in a darkened, theater-like atmosphere.



Playing games

Crisp, vivid colors make games even more exciting.



Watching sports

Show fast-moving athletes in vibrant colors.

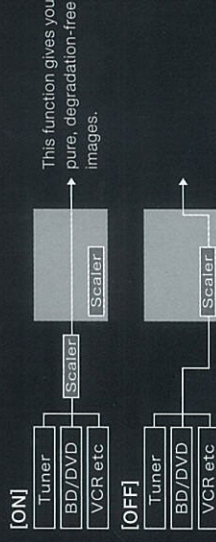
Customize your system

Single-cable connection to other AV devices, PCs, game machines, and other equipment is fast and easy thanks to four HDMI terminals, a PC-in terminal, an RS-232C terminal, and more. Adding or replacing other devices is also simple with an optional Terminal Board.



Process images with the Internal Scaler Bypass Function

With this advanced function, you can process images exactly the way you want them. It lets you convert the image with your existing scaler instead of using the display's built-in scaler.





True Home Theater Pleasure with a High-Quality Display

Visual Impact



High contrast for blacker blacks

Images are rendered with tight, crisp blacks and a feeling of depth that virtually draws you into the picture. Details are clearly depicted even in dark image areas. The Premiere Plasma panel's high 60,000:1* contrast brings a truly lifelike level of transparency to each and every image.

Conventional



Premiere Plasma panel



Realistic images with remarkable depth. The industry's highest level of contrast -- 60,000:1.*

Smoother gradation

A full 7,160* steps of gradation naturally portray the textures of even highly detailed materials and the subtle colors of nature. Lifelike expression of every image, dark or bright, almost makes you feel like you're part of the scene.

Conventional



Premiere Plasma panel



Smooth, natural gradation.

Colors faithful to the original

The Premiere Plasma panel boasts true cinema picture quality. Featuring newly developed process technology and an innovative optical filter, this remarkable panel covers 120% of the HDTV color standard with rich, vivid coloring.

Conventional



Premiere Plasma panel



A new level of color fidelity for a wide range of colors, including reds and golds.

* TH-65VX100U only.

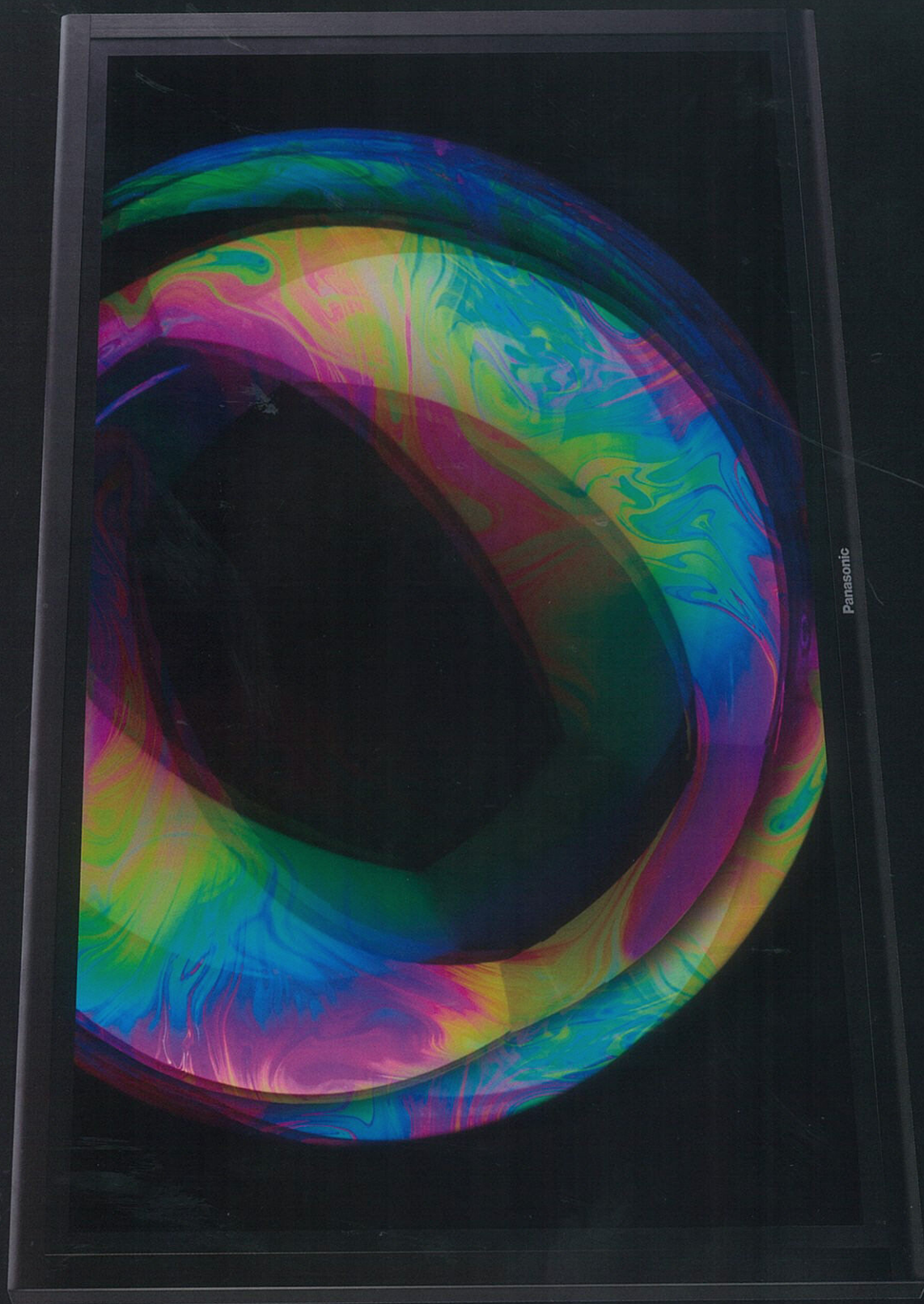




Leave no color underappreciated.

The 1080p Premiere Plasma panel features an expanded color range that covers 120% of the HDTV color standard, and a rated 60,000:1 contrast ratio with an industry-leading gradation level of 7,160 steps.

Add to that Panasonic's world-leading 18-bit digital signal processing and you've got an image unmatched by any other plasma display on the market.



Leave no detail overshadowed.

For plasmas, the recent focus has been on the level of black performance. The new Panasonic 65" Premiere Plasma takes it a step further: to the level of black detail. Because it's not just about absolute black – it's about the detail visible in the darkest shades – and no plasma reveals dark details better than the new Premiere Plasma.

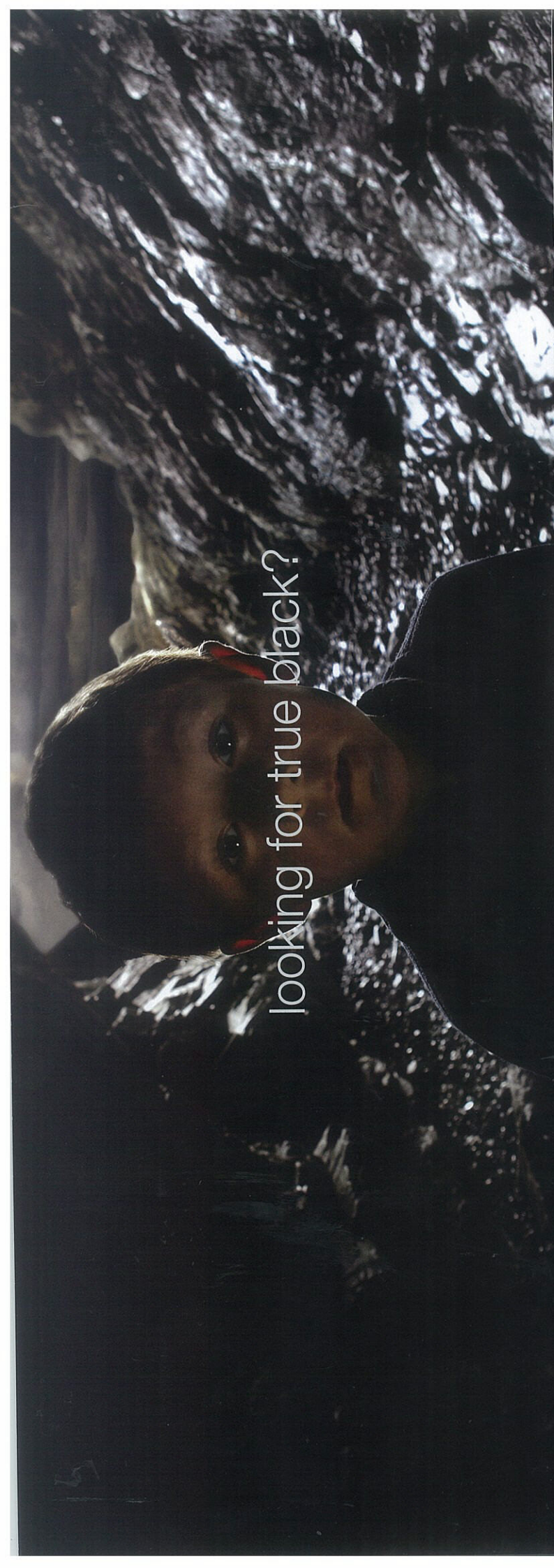
But that's just the beginning.



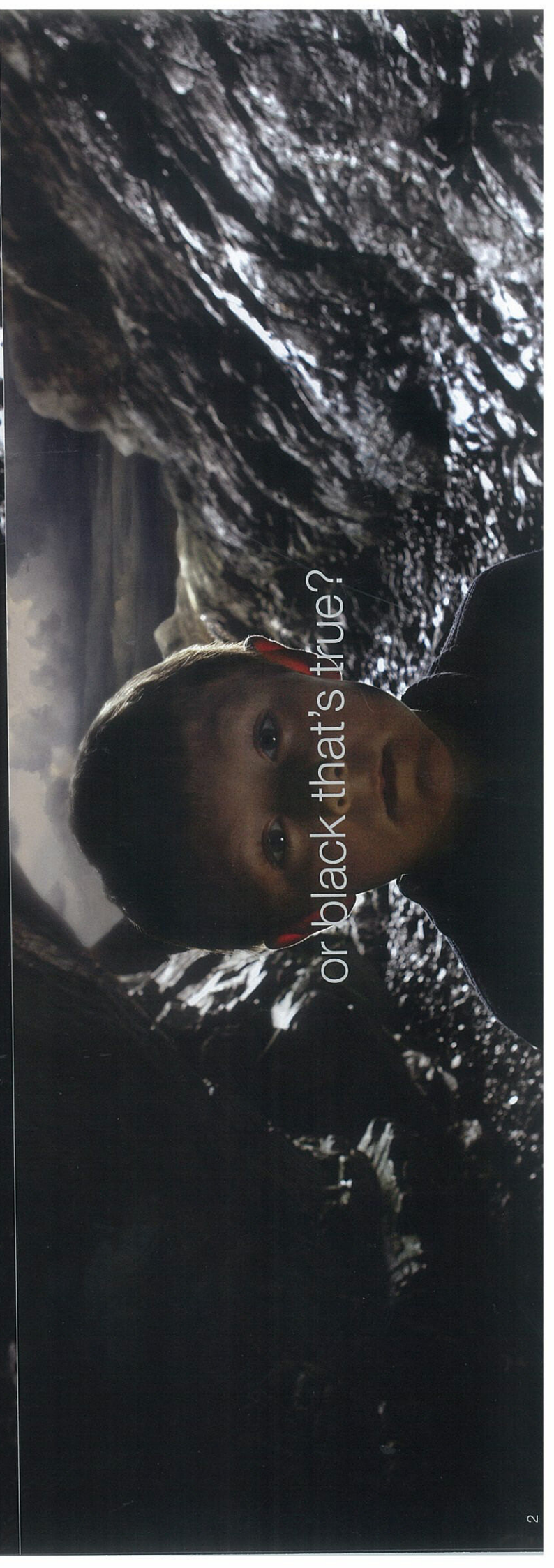
TH-65VX100U



TH-50VX100U

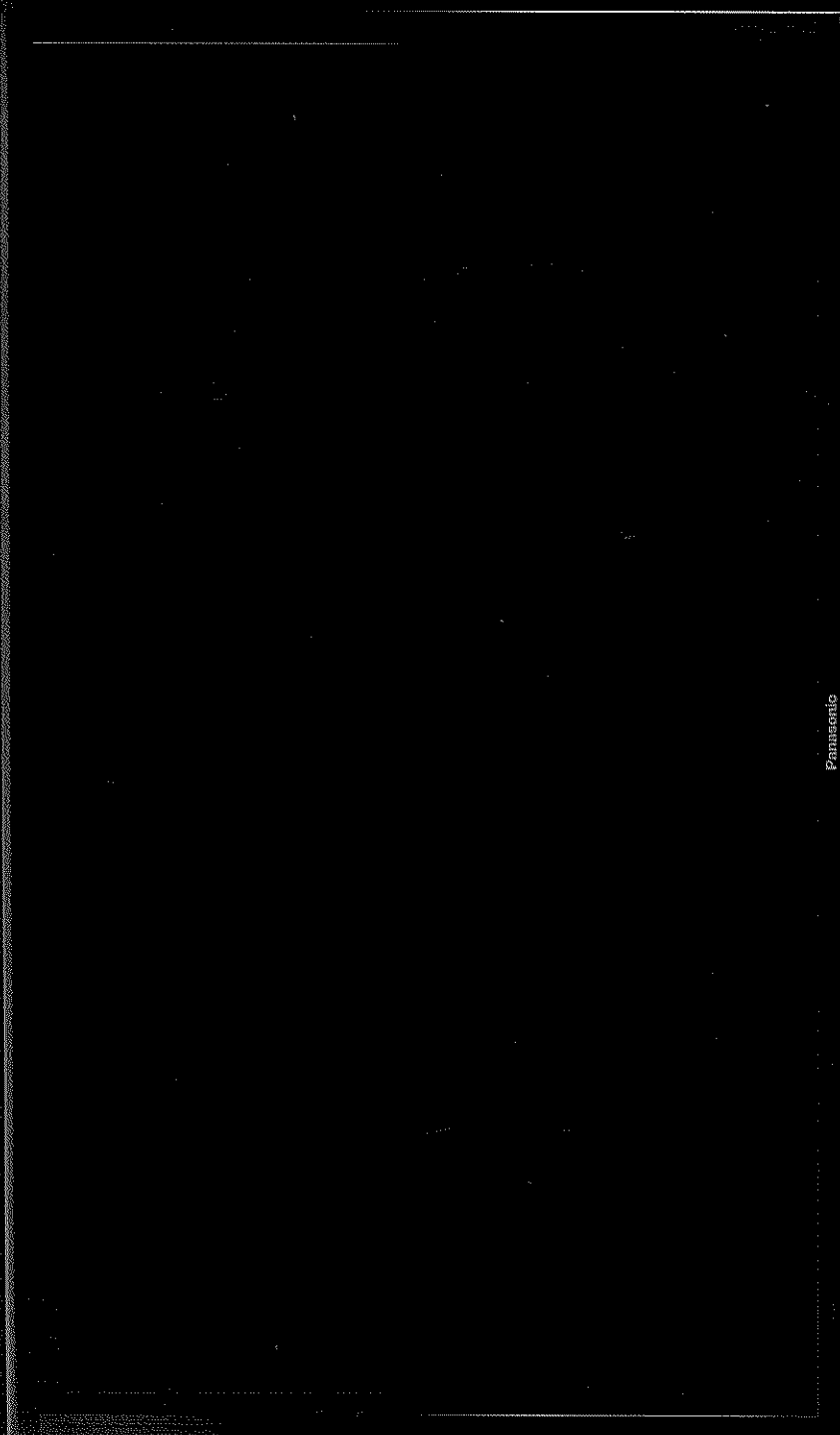


looking for true black?



or black that's true?

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