



## Professional LCD Television TH-42LRG20B TENTATIVE

### Product specification (design and specification subject to change without notice)

#### ■ DISPLAY

Screen Size(Diagonal)	42-inch (106 cm)
Aspect ratio	16:9
Panel	IPS LCD Panel
Number of pixels (H x V)	1,920 x 1,080 pixel
Brightness(Panel)	500 cd/m <sup>2</sup>
Contrast Ratio	20,000 :1
Viewing Angle	178 degrees

#### ■ TV TUNER

Integrated Tuners*	PAL-I, DVB-T
Teletext Reception	1000P TOP/FASTTEXT Level 2.5

\*Notice for DVB functions:

This TV is designed to meet the standards (current as of August, 2009) of DVB-T/C/S/S2 (MPEG2 and MPEG4-AVC [H.264]) services. The compatibility with future DVB services is not guaranteed. DVB-T MPEG4-AVC broadcast is available in selected countries: Denmark, Spain, Estonia, France, Lithuania, Norway, Slovenia, Sweden, Poland, Hungary, Portugal.

DVB-C feature is available only in following countries:Sweden (ComHem, Canal Digital), Demark (YouSee), Norway (Canal Digital), Finland (Cable Ready HD), Germany, Switzerland, Netherlands. The country list above is as of January 1st, 2010. Check the latest information on the available services at the following website (English only):<http://panasonic.jp/support/global/cs/tv/>

#### ■ SIGNAL COMPATIBILITY

Applicable Scanning Format	Full-HD	1125 (1080)/50i, 1125 (1080)/60i, 1125 (1080)/24p (HDMI only), 1125 (1080)/50p (HDMI only), 1125 (1080)/60p (HDMI only)
	HD	750 (720)/50p, 750 (720)/60p
	SD	525 (480)/60i, 525 (480)/60p, 625 (576)/50i, 625 (576)/50p
PC Signal		VGA, WVGA, SVGA, XGA, WXGA, SXGA 60Hz

#### ■ CONNECTION TERMINAL

CI (Common Interface)	Yes	
HDMI Input	HDMI x 2 (rear)	
Support Feature	Audio Return Channel (Input 2)	
Composite Video Input	RCA x 1 (rear)	1.0 V [p-p] (75Ω)
Audio Input	RCA (L/R) x 1 set (rear)	0.5 V [rms]
Component Video Input	RCA x 3 (rear)	Y : with sync 1.0 V [p-p] (75Ω) P <sub>B</sub> , P <sub>R</sub> : 0.7 V [p-p] (75Ω)
Audio Input	RCA (L/R) x 1 set (rear)	0.5 V [rms] Common with Composite
PC Input	MINI D-SUB 15PIN x1(Female) Plug & Play (VESA DDC 2B)	G : with sync 1.0 V [p-p] (75Ω) B, R : 0.7 V [p-p] (75Ω) HD/VD: 1.0~5.0 V [p-p] (high impedance)
Audio Input	RCA (L/R) x 1 set (rear)	0.5 V [rms] Common with Composite
Analogue Audio Output	RCA (L/R) x 1 set (rear)	
Digital Audio Output (Optical)	1(rear)	
Headphone Jack	M3 jack x 1 (side)	0.5 V [rms]
Ir through	M3 jack x 1 (rear)	
Serial (RS232C)	M3 jack x 1 (rear)	
SD Card Slot	Yes	
SCART (21-Pin Input/Output)	AV In/Out, S-Video In, RGB In, Q-Link (rear)	

#### ■ ELECTRICAL

Power Requirements	AC 220 - 240 V, 50/39 Hz
Power Consumption	TBD
Stand-by / Power off condition	TBD / TBD

#### ■ AUDIO

Audio Output Power	10W + 10W (10%THD)
Invisible Speaker System Details	1 way 2 bottom Speaker
Virtual Surround	V-Audio
Dolby Digital/dts Out	Dolby Digital

#### ■ DIMENSIONS & WEIGHT

TV with Stand (W×H×D)	1,021 x 682 x 310 mm
TV without Stand (W×H×D)	1,021 x 637 x 109 mm
Carton Dimensions(WxHxD)	TBD
TV with Stand Weight	20.0 kg
TV without Stand Weight	17.5 kg
Gross weight	TBD
Cabinet Color	Glossy Black

#### ■ ENVIRONMENTAL

Operating environment	Temperature	: 0 °C to 40 °C
	Humidity	: 20% to 80% (Non condensation)
Storage environment	Temperature	: -20°C to 60 °C
	Humidity	: 20% to 90% (Non condensation)

**● MAIN FEATURE**

SD Card	Image Viewer(AVCHD/JPEG playback) Cloning
EPG (Now and Next)	Yes
EPG for DVB-T (7days)	Gemstar EPG: Italy, Germany, Spain; 7-Days SI EPG: France, Sweden
VIERA Link	Y (HDAVI Control 5)
Multi Window	PAT
Welcome Message	Yes
Eco Mode*	Yes
Game Mode	Yes
Q-Link	Yes
OFF Timer	15/30/60/90
Hotel Mode	Initial INPUT INPUT Lock Initial VOL level Maximum VOL level Bottom Lock Remote control User Level

\*Contrast Automatic Tracking System

**● ACCESSORIES**

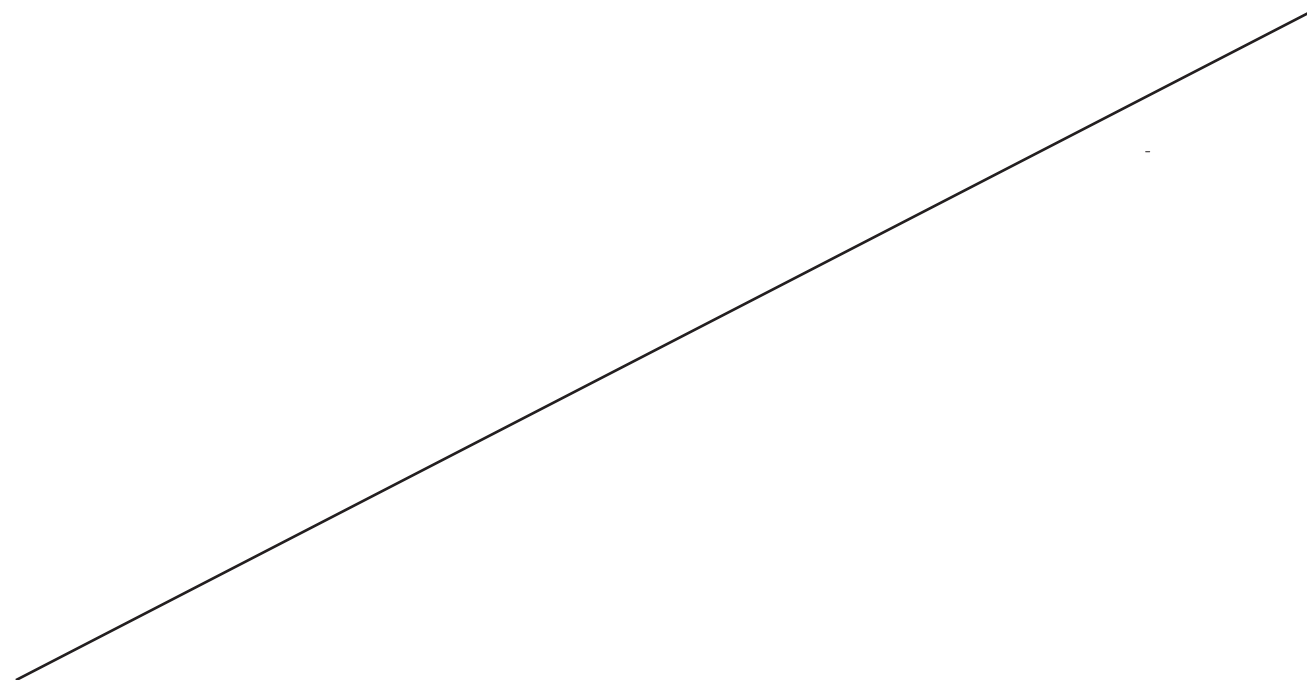
INCLUDED ACCESSORIES(TBD)	Stand Converter Cable (M3 to D-sub 9pin) Remote control transmitter Operating Instruction
OPTIONAL ACCESSORIES	Wall hanging bracket(TY-WK3L2RW) VESA Compliant W200xH200

**● STANDARD (CERTIFICATIONS)**

SAFETY REGULATIONS	EN60065;2002/CE Mark/BEAB Mark
RADIATION REGULATIONS	EN55013/EN55020/EN61000-3-2/ EN61000-3-3/EN55022(ClassB)/ EN55024

**● DIMENSIONS**

Cautions: This drawing is not a scale  
Units : mm



**● CONNECTION TERMINAL**

