



42-inch Class FULL HD LCD Display

## TH-42LF20U

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

#### ■ DISPLAY PANEL

Screen Size (Diagonal)	42-inch class
Aspect ratio	16:9
Effective Display Area (W x H)	36.6" x 20.6" (930 x 523 mm)
Number of pixels (H x V)	1920 x 1080 pixels
Brightness (Typ)	700 cd/m <sup>2</sup>
Contrast Ratio	1200:1
Response Time	9 ms (G to G)
Viewing Angle (Horizontal/Vertical)	178° / 178°

#### ■ CONNECTION TERMINAL (TBD)

VIDEO IN	BNC x 1	1.0 V [p-p] (75Ω)
S-VIDEO IN	Mini DIN 4 pin x 1	Y: 1.0 V [p-p] (75Ω), C: 0.286 V [p-p] (75Ω)
AUDIO IN (VIDEO, S-VIDEO)	RCA (L/R) x 1 set	0.5 V [rms]
HDMI IN	HDMI x 2 (1.3a : Deep Color compatible)	
COMPONENT/RGB IN	BNC x 3	Y/G : with sync 1.0 V [p-p] (75Ω) P <sub>B</sub> /B, P <sub>R</sub> /R : 0.7 V [p-p] (75Ω) R/B : 0.7 V [p-p] (75Ω)
AUDIO IN	RCA (L/R) x 1 set	0.5 V [rms]
DVI-D IN	DVI-D 24pin (HDCP compatible) x 1	
PC IN	MINI D-SUB 15PIN x 1 (Female) Plug & Play (VESA DDC 2B)	Y/G : with sync 1.0 V [p-p] (75Ω) P <sub>B</sub> /B, P <sub>R</sub> /R : 0.7 V [p-p] (75Ω) HD/VD : 1.0~5.0 V [p-p] (high impedance)
AUDIO IN (DVI-D, PC)	M3 JACK x 1	0.5 V [rms]
SERIAL	D-SUB 9PIN x 1 (Mele) (EXTERNAL CONTROL TERMINAL), RS-232C COMPATIBLE	

#### ■ ELECTRICAL

Power Requirements	110-127V AC, 50Hz/60Hz
Power Consumption	250W
Power off condition	0.1W
Stand-by condition	0.1W

#### ■ AUDIO

Built-in Speakers	10W [5W + 5W] (10%THD)
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#### ■ MECHANICAL

Dimensions (W×H×D)	38.2" x 22.1" x 4.0" (968 x 561 x 101 mm)
Bezel Width	0.7" (18mm)
Carton Dimensions (W×H×D)	9" x 44" x 28" (210 x 1099 x 707 mm)
Weight	approx. 38.8 lbs. (17.6kg)
Gross weight	approx. 46.3 lbs. (21.0kg)
Cabinet Color	Black
VESA mount	15.8" x 15.8" (400 x 400 mm)

#### ■ ENVIRONMENTAL

Operating environment	Temperature	: 32°F to 104°F (0°C to 40°C)
	Humidity	: 20% to 80% (Non condensation)
Storage environment	Temperature	: -4°F to 140°F (-20°C to 60°C)
	Humidity	: 20% to 90% (Non condensation)

#### ■ STANDARD (CERTIFICATIONS)

SAFETY REGULATIONS	UL6500 Ver.2
RADIATION REGULATIONS	FCC Part 15 Class-B, ICES-003

#### ■ REMOTE CONTROL TRANSMITTER

Power Requirements	DC 3V (2 x AA Size batteries)
Operation distance	approx. 23 ft (7m) in front of plasma display
Weight	approx. 3.5 oz (100g) including batteries

INCLUDED ACCESSORIES	- AC cord - Operating instruction book - Remote control transmitter - Batteries - CD-ROM (operating instruction)
OPTIONAL ACCESSORIES	Pedestal (TY-STLF20)
UPC Code	885170005051

