

## EF1 Series

Full HD LCD Display

TH-84EF1/TH-75EF1: Available from Summer 2016  
TH-32EF1: Available from Spring 2016

Tentative

# Stylish EF1 Professional LCD Displays Offer an Ideal Blend of Performance and Efficiency



EF1 Series			
	TH-84EF1	TH-75EF1	TH-32EF1
Screen Size	84-inch	75-inch	32-inch
Brightness	350 cd/m <sup>2</sup>		
Contrast	1,400:1	TBD	1,400:1
LCD Panel	IPS / E-LED		IPS/D-LED

### Simple and Flexible Media Signage

- Built-in USB Media Player Enables Video and Still-image Playback via USB without Set-top Box or PC
- USB Media Player Features Synchronized Playback on Multiple Displays via USB and LAN
- USB Cloning Function Allows Settings to Be Copied and Shared Between Displays
- Free Multi Monitoring & Control Software to Operate Multiple Displays and Projectors via PC (Supports Up to 2,048 Devices)
- Multi Monitoring & Control Software Features Content List Distribution Function to Distribute Content via Network, Enable Content Rewriting and Display Scheduling
- Supports Early Warning Software (ET-SWA100 Series)

### Extensive Connectivity for Professional Use

- Choice of Input Terminals: 2 x HDMI, DVI-D, PC In, Video In, USB
- Selection of Professional Interfaces (LAN, RS-232C) for External Control
- IR (Infrared Signal) In/Out Function for Simultaneous Control of Multiple Displays In Daisy-Chain Configuration
- Compatible with 59 PC Corresponding Signal Types
- 5 V/1 A Charging USB Terminals to Power Streaming Dongles
- Supports LAN Control with AMX or Crestron Connected™ Compatibility
- Power Management Function to Reduce Power Consumption
- 10 W + 10 W Built-in Speakers

### Stylish Design with Excellent Visibility

- Efficient High-Visibility Panel with 350 cd/m<sup>2</sup> Brightness
- IPS Panel for Clear Off-Axis Visibility and Excellent Color Reproduction
- Reliable and Cost-Effective Visual Communication Solution for Retail, Public Spaces, Showrooms, Meeting Rooms, and Classrooms
- Narrow Bezel Width of 22.6 mm (L/R) (TH-84EF1) for Clear Visibility
- Slim 64 mm (TH-32EF1) Depth Suits Any Interior Design Scheme

### Specifications (Tentative)

Model	TH-84EF1	TH-75EF1	TH-32EF1
<b>Display</b>			
Screen size (diagonal)	84-inch (2,135 mm)	75-inch (1,893 mm)	32-inch (801 mm)
Aspect ratio	16:9		
Panel type	IPS Panel/E-LED		IPS/D-LED
Effective display area (W x H)	1,860 x 1,046 mm (73.2" x 41.1")	1,650 x 928 mm (64.9" x 36.5")	698 x 393 mm (27.4" x 15.4")
Resolution	1920 x 1080		
Brightness (typ.)	350 cd/m <sup>2</sup>		
Contrast ratio	1,400 : 1	TBD	1,400 : 1
Response time	5 ms (G to G)	TBD	8 ms (G to G)
Viewing angle (CR≥10)	178 ° / 178 °	TBD	178 ° / 178 °
<b>Connection terminal</b>			
VIDEO In	4-pole mini jack (M3) x 1		
HDMI In	HDMI TYPE-A connector x 2		
DVI-D In/Audio In (L/R)	DVI-D 24-pin x 1/ stereo mini-jack (M3) x 1 (shared with PC In)		
PC In/Audio In (L/R)	Mini D-sub 15-pin x 1/ stereo mini-jack (M3) x 1 (shared with DVI-D In)		
USB	USB connector (TYPE A) x 1, DC 5 V/1 A, USB 3.0 is not supported.		
<b>Control</b>			
Serial	D-sub 9-pin x 1, RS-232C compatible		
LAN	RJ45 x 1, 10 BASE-T/100BASE-TX, compatible with PLink™		
IR In/Out	Mini-jack (M3) x 1 / x 1		
<b>Audio</b>			
Built-in speaker	20 W [10 W + 10 W]		
<b>Electrical</b>			
Power requirements	110–127 V AC, 50/60 Hz, 220–240 V AC, 50/60 Hz		
Power consumption	TBD	TBD	TBD
Power off condition	TBD	TBD	TBD
Standby condition	TBD	TBD	TBD
<b>Mechanical</b>			
Dimensions (W x H x D)	1,910 x 1,102 x 78 mm (75.2" x 43.4" x 3.1")	TBD	727 x 426 x 64 mm (28.6" x 16.8" x 2.5")
Bezel width	22.6 mm (0.89") (L/R), 25.6 mm (1.01") (T/B)	TBD	11.9 mm (0.47") (L/R/T), 17.2 mm (0.68") (B)
Weight	TBD	TBD	TBD
Wall-hanging pitch	VESA compliant 600 x 500 mm (23.6" x 19.7")	VESA compliant 600 x 400 mm (23.6" x 15.7")	VESA compliant 100 x 100 mm (3.9" x 3.9")
<b>Environment</b>			
Operating environment	Temperature: 0 °C to 40 °C (32 °F to 104 °F) / Humidity: 20–80 % (non-condensation)		

### Optional Accessories

■ Pedestal  
TBD

■ Early Warning Software  
ET-SWA100 Series\*

\* Part number suffix may differ depending on the license type.

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YouTube – [www.youtube.com/PanasonicProDisplay](http://www.youtube.com/PanasonicProDisplay)

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