

# Data sheet

## BenQ ST860K

Large Format Display

- 4K UHD 3840 x 2160
- Android 6.0 OS System
- Multiple display administrator
- X-Sign Support
- USB play back function



### Panel

Model : ST860K  
Art. No. / EAN Code : 9H.F4DTK.NA2 / 471 8755 07380 9  
Typ : 218.4 cm / 86" Wide LED Panel with IPS Technology  
native Resolution : 3840 x 2160 4K UHD / 16:9  
Panel : 10 Bit  
Pixel pitch H/V : 0,49 mm / 0,49 mm  
Panel surface : Haze 3%  
Max. colors : 1.07 Billion  
Backlight : Direct LED  
Viewing angle H / V : 178°/ 178°  
Contrast (static) : 1.200:1  
Brightness : 400 cd/m<sup>2</sup>  
Response time : 8 ms

### Input- / Output

Input : Line in (L/R), Power AC, HDMI x4, RJ45, USB Type A (playback) x4  
Output : Line out (3,5mm)

### Software

Multiple Display Control (MDA) : Supported OS: WinXP 32 bit, WinVista 32/64 bit SP2, Windows 7 32/64 bit  
**Particularity : Schedule function via MDA software possible**  
OSD control at side : 6 OSD buttons and 1 standby button  
Features : Image Setting, Source / Volume Control, Sharpness Enhancement, HDMI-HDCP, 10 Bit color processing, EZ-Suite

### Extra

Internal Speaker : 10 W x 2  
Storage memory : 16 GB  
Mounting : 600 x 400 mm / M8 (4 holes)  
Display Orientation : Landscape/Portrait  
Operating hour per day : 18/7

### Energy

Power supply : Internal  
Voltage for operation : 100 ~ 240 VAC ; 50 - 60 Hz  
Power consumption (max.) / typ. : 300 W  
Sleep mode / Off mode : < 0.5 W / 0,5 W

### Certification

#### Environment

Safety : CE  
Operation : + 0 ~ +40°C ; 20 ~ 80% air humidity  
Storage : -10 ~ +60°C ; 20 ~ 85% air humidity

### Characteristic

Weight net. : 68.8 kg  
Housing color : black  
Housing material : metal  
Bezel width T/B/L/R : 19 / 24 / 19 / 19 mm  
Dimension (W x H x D) : 1934 x 1110 x 83 mm  
Standard Accessories : Power- / HDMI- cable, Remote incl. batteries, Shortguide

Warranty terms : 3 years on-site exchange



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## Input/output terminals



- 1** **USB-4**  
Access multimedia files on USB drives directly.
- 2** **USB-3(3.0)**  
Access multimedia files on USB drives directly.
  - The users cannot use the USB port to update the software.
  - The USB ports only support FAT / FAT32 format.
- 3** **USB-2**  
Access multimedia files on USB drives directly.
- 4** **USB-1**  
Access multimedia files on USB drives directly.
- 5** **COAXIAL OUT**  
Output digital audio signals via a coaxial cable to an external device.

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- 6** **LAN**  
Receive the control signals from LAN interface /a computer, connecting RJ45 terminals (This network port is only used for the closed Android OS on this product).
  - 7** **AV-IN**  
Composite video and audio input.
  - 8** **HDMI-3**  
Receive 4K2K 60Hz supported signals from an external device.
  - 9** **HDMI-2 (ARC)**  
Receive 4K2K 60Hz supported signals from an external device.  
ARC (Audio Return Channel) allows you to transfer audio from the display back down the HDMI cable to a soundbar or a home theater receiver. You can listen to your display's audio through other audio systems instead of the display's speakers.
  - 10** **HDMI-1**  
Receive 4K2K 60Hz supported signals from an external device.
  - 11** **AUDIO-OUT**  
Output audio signals to an external device.

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## Dimension

ST860K

