



All-in-one full-featured LCD monitor and TV combo

- 17-inch Widescreen WXGA LCD monitor TV with excellent display performance
- HDTV set-top-box and progressive DVD input (1080i/ 720p/ 576p/ 480p)
- Multiple video inputs for display of PC, TV, DVD and VCD signals
- Screen mode adjustment for best movie/DVD viewing ratio
- Digital Nicam/ 2CS stereo (available only in Asia Pacific and Western Europe)
- AUTO adjustment optimizes picture quality
- Standard VGA analog input



17" LCD Monitor TV



Technical Specifications

LCD panel

- Type TFT LCD
- Screen size 17.0 inch/ 43 cm
- Pixel pitch 0.288 x 0.288 mm
- LCD panel type 1280 x 768 pixels
R.G.B vertical stripe
Anti-glare polarizer; hard coated
- Effective viewing area 369.6 x 221.76 mm
- Display colors 16.7M colors

Scanning

- Vertical refresh rate 60~75 Hz
- Horizontal frequency 21~60 KHz

Video

- Video dot rate 103 MHz
- Input impedance - Video 75 Ohm
- Sync 2K Ohm
- Input signal levels 0.7Vpp
- Sync input signal Separate sync
- Sync polarities Positive and negative
- Video interface Analog (D-Sub) input

Optical characteristics

- Contrast ratio 600:1 (typical)
- Brightness 450 cd/m² (typical)
- White chromaticity x: 0.283 y: 0.297 (at 9300°K)
x: 0.313 y: 0.329 (at 6500°K)
- Viewing angle (C/R >5) Upper ≥ 85° (typical)
Lower ≥ 85° (typical)
Left ≥ 85° (typical)
Right ≥ 85° (typical)
- Response time 25 ms (typical)

Resolution & preset modes

- Maximum 1280x768 at 75 Hz
 - Recommended 1280x768 at 60 Hz
 - User definable modes 14
 - Factory preset modes 9
- | | H.freq (KHz) | V.freq (Hz) |
|------------|--------------|-------------|
| PC | | |
| 640 x 480 | 31.5 | 60 |
| 640 x 480 | 37.5 | 75 |
| 720 x 400 | 31.5 | 70 |
| 800 x 600 | 37.9 | 60 |
| 800 x 600 | 46.9 | 75 |
| 1024 x 768 | 48.4 | 60 |
| 1024 x 768 | 60 | 75 |
| 1280 x 768 | 48 | 60 |
| 1280 x 768 | 60.1 | 75 |
- (Interlace mode is not applicable)

PC

	H.freq (KHz)	V.freq (Hz)
640 x 480	31.5	60
640 x 480	37.5	75
720 x 400	31.5	70
800 x 600	37.9	60
800 x 600	46.9	75
1024 x 768	48.4	60
1024 x 768	60	75
1280 x 768	48	60
1280 x 768	60.1	75

(Interlace mode is not applicable)

SD Video input

480i (NTSC)	15.734 KHz	60 Hz
576i (PAL)	15.625 KHz	50 Hz

HD Video input

ED 480p	31.470 KHz	60 Hz
HD 720p	45.000 KHz	60 Hz
HD 1080i	33.750 KHz	60 Hz
HD 576p	31.250 KHz	50 Hz
HD 720p	37.500 KHz	50 Hz
HD 1080i	28.125 KHz	50 Hz

Plug and play compatibility

- Display data channel DDC 2B (VESA)
- Microsoft® Windows® 95/98/ Me & 2000/ XP compatible

Power management

- Complies with EPA Energy Star and NUTEK specifications
- Typical operation 55 W (typical)
- Sleep mode 1 W (110 V), 2 W (220 V)

Low-emission characteristics

- Complies with MPR-II and TCO '99 specifications

Connections

BACK

- D-sub in (for PC VGA or HD Y, Pb, Pr)
- TV in (antenna/cable)
- S-Video in
- CVBS Video in
- AV Audio L/R in
- PC Audio in
- 16 Volt DC in
- Stereo line out Jack 3.5mm for external speaker

SIDE

- Headphone Jack 3.5mm out

Regulatory approvals

- TÜV/GS, TÜV-Ergo
- FCC-B, UL, CSA
- SEMKO
- MPR-II Low Emission
- CE Mark
- NUTEK, Energy Star
- TCO '99

Physical specifications

- Dim. incl. base (W x H x D) 517 x 364 x 199 mm (incl. pedestal)
- Tilt -5°~25°
- Net weight 5.40 Kg
- Power supply 100-240 VAC, 50/60 Hz
- Power consumption 55 W* (typical)
- Temperature (operating) +5°C to +40°C
- Temperature (storage) -20°C to +60°C
- Relative humidity 20% to 80%
- System MTBF 50K hrs (excluding CCFL 30K hrs)

Picture

- Comb Filter (available only in Asia Pacific and Western Europe)
- Digital Comb Filter (available only in NTSC systems)

Sound

- 5.0 W stereo audio (2.5 W/channel, dual RMS, 200 Hz - 10 KHz, 4 Ohms, 10%THD)
- Digital Nicam 2CS stereo (available only in Asia Pacific and Western Europe)

Esae of Use and Installation

- Remote control
- 100 present channels (available only in Asia Pacific and Western Europe)
- 181 channels (available only in NTSC systems)
- Autostore
- Sleep timer

Reception

- TV system (Asia Pacific) PAL B/G and NTSC M (support Muti-system)
- TV system (West Europe) PAL (B/G, D/K, I) and SECAM L, L'
- TV system (China) PAL (D/K)
- TV system (NAFTA) NTSC M
- Stereo system Nicam/ IGR/ 2CS (available only in Asia Pacific and Western Europe)
- Stereo system MTS with SAP (available only in NTSC system)
- Video playback NTSC 4.43/3.58

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Release date: January 2004

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