

NEC Multeos™

40" and 46" multi-function LCDs

DESIGNER LOOKS WITH A PROFESSIONAL ATTITUDE

- > M40 & M46
- > Full 1080p HD resolution
- > Open architecture expansion slot
- > Interchangeable black or silver bezel
- > Digital video interface with HDCP
- > Thermostatic cooling protection for long life
- > Simple On Screen Display (OSD) menu navigation
- > SpectraView_{II}™ Color Calibration Solution
- > GammaComp™ MD DICOM and programmable lookup table
- > Adjustable color temperature (2600 - 10,000K)
- > CableComp™ long cable compensation
- > Available HD tuner, speakers and wall mount
- > 3-year parts and labor warranty, including backlight

HDTV + WEB + VIDEO + GAMES + SIGNAGE + COMPUTING



**Designer piece, entertainer and sales professional –
Multeos reflects a new age in visual communication.**

Refined yet extroverted, it attracts people's attention and adapts seamlessly to even the most sophisticated architectural setups. A bright centerpiece for high-end home entertainment systems. A strong presence for brands in flagship stores and designer shops. A fashionable focus point in trendy bars, restaurants, hotel lobbies and fitness studios. An image carrier in business conference rooms and control centers. Multeos fascinates in all kinds of environments – as a stand-alone solution on an elegant aluminium stand, mounted or in multi-display installations.



www.multeos.com

Model	M40 (-IT, -AV, -AVT)	M46 (-IT, -AV, -AVT)	
Display	Viewable Size Image Pixel Pitch Pixels Per Inch Brightness Contrast Ratio Viewing Angle Response Time Display Colors Color Control Active Screen Area (WxH) Screen Aspect Ratio Bezel Width (T, B, L, R)	40" 0.461mm 55 @ native resolution 450cd/m ² adjustable 1000:1 178 Vert., 178 Hor. (89U/89D/89L/89R) @ CR > 10 Rapid Response (18ms) 256 RGB Level, more than 16.7 million Manual (2600 - 10,000 degrees K) 34.9 x 19.6 in. / 885.6 x 498.2mm 16:9 1.6, 1.6, 1.8, 1.8 in. / 40.6, 40.6, 46.6, 46.6mm	46" 0.53 47 @ native resolution 450cd/m ² adjustable 1200:1 178 Vert., 178 Hor. (89U/89D/89L/89R) @ CR > 10 Rapid Response (18ms) 256 RGB Level, more than 16.7 million Manual (2600 - 10,000 degrees K) 40.1 x 22.5 in. / 1018.1 x 572.7mm 16:9 1.6, 1.6, 1.8, 1.8 in. / 40.6, 40.6, 46.6, 46.6mm
Synchronization Range	Horizontal Vertical	31.5-91.1 KHz (Analog/Digital) 50-85 Hz (Analog/Digital)	31.5-91.1 KHz (Analog/Digital) 50-85 Hz (Analog/Digital)
Input Signal	Video Sync	ANALOG RGB 0.7 Vp-p/75 Ohms Separate sync: TTL Level (Positive/Negative) Composite sync: TTL Level (Positive/Negative) Composite sync on green: (0.3Vp-p negative, 0.7Vp-p positive)	ANALOG RGB 0.7 Vp-p / 75 Ohms Separate sync: TTL Level (Positive/Negative) Composite sync: TTL Level (Positive/Negative) Composite sync on green: (0.3Vp-p negative, 0.7Vp-p positive)
Inputs		DVI-D with HDCP, Analog D-sub, Analog BNC, Composite RCA or S-Video*, HDMI with HDCP*, Component BNC*, Audio 1 (minijack), Audio 2 and 3 Stereo (RCA) / Internal Speaker: None*, ATSC, Qam, NTSC**, RS232, DDC-CI, IR Remote	DVI-D with HDCP, Analog D-sub, Analog BNC, Composite RCA or S-Video*, HDMI with HDCP*, Component BNC*, Audio 1 (minijack), Audio 2 and 3 Stereo (RCA) / Internal Speaker: None*, ATSC, Qam, NTSC**, RS232, DDC-CI, IR Remote
Outputs		Daisychain RGB2, RGB3, Daisychain Video1*, Daisychain - Selected Audio in*, RS232 for multiple monitor control, 15W x 15W*, Dolby**, SPDIF optical output**	Daisychain RGB2, RGB3, Daisychain Video1*, Daisychain - Selected Audio in*, RS232 for multiple monitor control, 15W x 15W*, Dolby**, SPDIF optical output**
Resolutions Supported		640 x 400 @ 56.2 Hz 720 x 400 @ 70-85Hz 640 x 480 @ 50-85 Hz 800 x 600 @ 50-85 Hz 832 x 624 @ 74.5 Hz 1024 x 768 @ 50-85 Hz 1280 x 1024 @ 50-85 Hz 1600 x 1200 @ 60 Hz 1280 x 768 @ 50-85 Hz 1360 x 768 @ 50-85 Hz 1920 x 1080 @ 60 Hz NTSC/PAL,SECAM,4.43NTSC,Pal60 HDTV,480i, 480p, 720p, 1080i, 1080p	640 x 400 @ 56.2 Hz 720 x 400 @ 70-85 Hz 640 x 480 @ 50-85 Hz 800 x 600 @ 50-85 Hz 832 x 624 @ 74.5 Hz 1024 x 768 @ 50-85 Hz 1280 x 1024 @ 50-85 Hz 1600 x 1200 @ 60 Hz 1280 x 768 @ 50-85 Hz 1360 x 768 @ 50-85 Hz 1920 x 1080 @ 60 Hz NTSC/PAL,SECAM,4.43NTSC,Pal60 HDTV,480i, 480p, 720p, 1080i, 1080p
Native Resolution		1920 x 1080 @ 60 Hz	1920 x 1080 @ 60 Hz
Recommended Resolution		1920 x 1080 @ 60 Hz	1920 x 1080 @ 60 Hz
Languages		English, German, Spanish, French, Italian, Swedish, Japanese	English, German, Spanish, French, Italian, Swedish, Japanese
Additional Features		Power management, Plug and Play (DDC/CI, DDC2B), PIP (remote), multi-level zoom, FullScan, 6-axis color, CableComp, TileMatrix, TileComp, screen saver, Rapid Response, video ready (tuner available), infrared remote control included, motion-adaptive 3D-Y/C comb filter, sRGB color, sleep timer, 24x7 scheduler	Power management, Plug and Play (DDC/CI, DDC2B), PIP (remote), multi-level zoom, FullScan, 6-axis color, CableComp, TileMatrix, TileComp, screen saver, Rapid Response, video ready (tuner available), infrared remote control included, motion-adaptive 3D-Y/C comb filter, sRGB color, sleep timer, 24x7 scheduler
Touch-Capable		No	No
Voltage Rating		AC 100-120V / AC 220-240V @ 50/60 Hz	AC 100-120V / AC 220-240V @ 50/60 Hz
Power Supply		Internal	Internal
Power Consumption (typical)	On Power Savings Mode	300W < 5W	340W < 5W
Dimensions (WxHxD)	Net (with stand) Net (without stand)	38.7 x 24.7 x 15.7in. /981.8 x 627.4 x 400mm 38.7 x 22.9 x 5.6 in./981.8 x 582.4 x 142.5 mm	43.8 x 27.7 x 15.7 in. / 1112.8 x 704.4 x 400mm 43.8 x 26 x 5.6in. / 1112.8 x 659.4 x 142.5mm
Net Weight (with stand)		71.9 lbs.	86.6 lbs.
VESA Hole Configuration Specifications		200 x 200mm (8 hole) / 200 x 100mm (6 hole)	200 x 200mm (8 hole) / 200 x 100mm (6 hole)
Environmental Conditions	Operating Temperature Operating Humidity Operating Altitude Storage Temperature Storage Humidity Storage Altitude	5-40 C/41-104 F 10-80% 4200m/13,780 ft. TBD -20-60 C/-4-140 F 10-90% 12,000m/39,370 ft.TBD	5-40 C/41-104 F 10-80% 4200m/13,780 ft. TBD -20-60 C/-4-140 F 10-90% 12,000m/39,370 ft.TBD
Regulatory Approvals		UL 60950/CSA C22.2 No. 950/TUV-GS/EN60950/FCC-B/DOC-B/EN55022-B/EN55024/EN61000-3-2/EN1000-3-3/CE	UL 60950/CSA C22.2 No. 950/TUV-GS/EN60950/FCC-B/DOC-B/EN55022-B/EN55024/EN61000-3-2/EN1000-3-3/CE
Included Accessories		AC power cord, user manual, wireless remote control, batteries, 15-pin RGB cable, CD-ROM	AC power cord, user manual, wireless remote control, batteries, 15-pin RGB cable, CD-ROM
Optional Accessories		External speakers, tilting wall mount	External speakers, tilting wall mount
Limited Warranty		3 year parts and labor, including backlight	3 year parts and labor, including backlight
Technical Support		24 hours/7 days	24 hours/7 days

* not available on IT models

** AVT version only



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