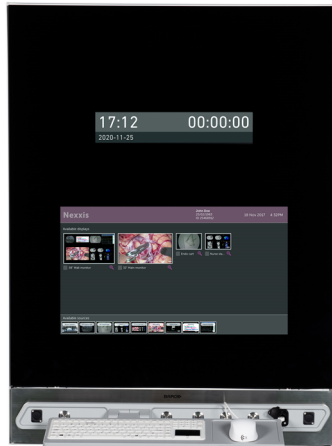
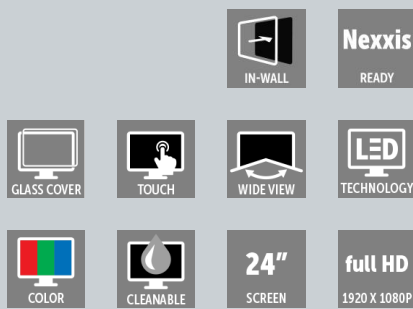


# MDMX-22400 GNTB

24" Full-HD in-wall console for the OR



- 24-inch mounted in-wall console for the OR
- Integrated Nexxis connectivity
- Wide viewing angle
- Optional touchscreen

MDMX-22400 GNTB is a 24" Full-HD in-wall OR console with integrated Nexxis connectivity and optional touchscreen. The console consists of a single display configuration and allows the entire OR staff to combine and view multiple images, with an intuitive control system for flexible and easy use.

### Optimize valuable space

The MDMX-22400 GNTB is multifunctional: it can function as a nurse station area presenting patient and surgery information, and it's also an AV control station. It offers direct control of remote PC sources and thanks to its integrated Nexxis decoder, video routing and compositions can be managed without additional installation or configuration.

The console is integrated in the OR wall, so it doesn't take up any additional space. The black protective, anti-reflective glass front cover allows for easy cleaning and disinfecting.

### Enjoy maximum flexibility with Nexxis inside

The MDMX-22400 GNTB fits perfectly within Nexxis' plug and play system: you can route any Nexxis source to the screen, on which multiple types of compositions are possible.

Additionally, a programmable Nexxis button makes it easy to adapt the console's functionalities to the OR team's needs: start/stop recordings, take snapshots, change video layouts, reset video source, ...

### Tailor it to your needs

All components are integrated in the console, which reduces installation time and cost. An optional foldable IP68 keyboard is available in several regional



variants (US, German, Italian, French, Spanish, Turkish), as well as a trackpad and USB mouse. The MDMX-22400 GNTB can be combined with the MDMX-25500 GNNB 55" console, with an optional second keyboard, for even more screen surface.

- Enjoy ergonomic viewing support for everyone in the OR: from doctors and nurses to trainees
- Choose the touchscreen option and work even more quickly and easily
- See time and date, synced with the hospital network, from anywhere in the OR
- Rely on StopWatch functions for time-sensitive interventions
- Connect mobile devices, such as mobile C-arm video sources, to Nexxis
- Interact with remote-PC video sources as if you're in front of them

**PRODUCT SPECIFICATIONS****MDMX-22400 GNTB**

Screen/Backlight technology	15": MVA/WLED 24": IPS/WLED
Active screen size (diagonal)	15": 384 mm (15.1") 24": 605 mm (23.8")
Active screen size (H x V)	15": 376 x 73 mm (14.8 x 2.9") 24": 527 x 296 mm (20.8 x 11.7")
Aspect ratio (H:V)	15": 160:31 24": 16:9
Resolution	15": 1280 x 248 24": 1920 x 1080
Pixel pitch	15": 0.294 x 0.294 mm 24": 0.275 x 0.275 mm
Color imaging	Yes
Gray imaging	Yes
Bit depth	15": 8 bpc 24": 8 bpc
Viewing angle (H, V)	15": 89° 24": 178°
Ambient light sensor	No
Maximum luminance (panel typical)	15": 300 cd/m <sup>2</sup> 24": 250 cd/m <sup>2</sup>
Contrast ratio (panel typical)	15": 2000:1 24": 1000:1
Response time ((Tr + Tf)/2) (typical)	15": 8 ms 24": 14 ms
Housing color	Glass/Black front -Steel/White border + back Stainless steel dashboard below glass front for buttons/interfaces
Video input signals	1 x 10GbE Fiber Optic Interface for 24" FHD Nexxis link Optional: 2 x 10GbE Fiber Optic Interface for 1x mobile device connectivity on front
Embedded Nexxis	1 x MNA-420 decoder
Nexxis features	View up to 2 Nexxis sources (PiP/PaP) Keyboard/Mouse/Touch control of source Programmable Nexxis button (front) Option to mount 1x front Neutrik opticalCON for mobile device connectivity
General features	SmartBar with date/time & stopwatch Power control button for external PC (front)
Options (configurable)	1 x Keyboard/trackpad module available in different languages: EN-DE-FR-IT-TR-ES Includes USB silicone mouse (cleanable)
USB ports	1 x USB 2.0 downstream (External mouse for Nexxis-source control)
Power rating	100-240 Vac, 50/60 Hz, 3-1.5 A
Power consumption	75 Watt
Dimensions (W x H x D)	796 x 1050 x 120 mm
Dimensions packaged (W x H x D)	1095 x 1300 x 341 mm
Net weight	54 kg (incl. 1 x K&M module)
Net weight packaged	64 kg (incl. 1 x K&M module)
Mounting standard	In-wall
Screen protection	Protective, anti-reflective glass cover

**PRODUCT SPECIFICATIONS****MDMX-22400 GNTB**

<b>Certification and compliance</b>	CE (Medical Device Class I) CCC (China) Safety specific: IEC 60950-1:2005 + A1:2009 EN 60950-1:2006 + A1:2010 + A11:2009 + A12:2011 + A2:2013 IEC 60601-1:2005 + A1:2012 – EN 60601-1:2006 + A1:2013 + A12:2014 ANSI/AAMI ES606011:2005 + R1:2012 CAN/CSA C22.2 No. 60601-1:2014  EMI specific: IEC 60601-1-2:2014 (ed4) EN 60601-1-2:2015 (ed4) FCC part 15 Class ICES-001 Level  Environmental: EU RoHS China RoHS REACH Canada Health WEEE Packaging Directive
<b>Green compliance</b>	ROHS-3, REACH, WEEE
<b>Supplied accessories</b>	User guide (English) Installation guide (English) USB stick, containing translations of the user & installation guide 2x hex key
<b>Optional accessories</b>	Neutrik opticalCON accessories
<b>Operating temperature</b>	0 °C to 40 °C (10 °C to 40 °C within specs)
<b>Storage temperature</b>	-20 °C to +60 °C
<b>Operating humidity</b>	20 % to 85 % (non-condensing)
<b>Storage humidity</b>	20 % to 85 % (non-condensing)
<b>Operating pressure</b>	Minimum 70 kPa
<b>Storage pressure</b>	50 to 106 kPa
<b>Warranty</b>	2 years

**Last updated: 02 Feb 2022**

Technical specifications are subject to change without prior notice. Please check [www.barco.com](http://www.barco.com) for the latest information.