



TANDBERG MPS 800

The TANDBERG Media Processing System (MPS) 800 is a feature rich, scalable multipoint control unit, gateway, or hybrid solution capable of supporting HD (720p). The MPS 800 is ideal for large enterprises, government agencies and service providers. Software upgrades provide investment protection, improving return on investment while increasing features and functionality.



Rear View
Multiple media processing boards
and network interface boards

DESIGN FEATURES

- 19" rack-mountable chassis with display and CompactPCI backplane
- Modular and expandable with dual media processing boards and network interface boards
- Simple to configure, Plug-and-Play technology
- Flexible design as MCU, gateway or hybrid
- Intelligent Native 16:9 view with up to 24 layouts and optional selfview
- Supports HD (720p)

APPLICATION FEATURES

- Join up to 160 video and 48 audio sites in one or more conferences
- Supports H.264 with Continuous Presence and Voice Switching
- Supports simultaneous display of presenter and XGA, VGA, and SVGA PC presentations
- Outbound, Inbound, and Caller ID password protection
- Supports widescreen HD resolution (1280x720p)
- Integrated with Microsoft® Office Communicator
- Supports TANDBERG Expressway™ firewall traversal standard

PERFORMANCE FEATURES

- Wide range of network and protocol support: SIP, IP, ISDN and V.35
- Bandwidth: from 56 kbps–2 Mbps
- Supports network and video equipment from multiple vendors
- Highest level of standards-based embedded encryption
- Downsampling provides protection from network interruptions and maintains the call in progress

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ISDN NETWORK FEATURES

ISDN-PRI E1/T1
ISDN PRI G.703 and E1/T1, Leased Line
Non-Facilities Associated Signaling (NFAS)
Automatic downspeeding
Automatic call rate adjustments
Advanced diagnostic tools
Automatic/manual error control

NETWORK INTERFACES

2 x LAN/Ethernet (RJ-45) 10/100 Mbit on the system controller board
Up to 8 x LAN/Ethernet (RJ-45) 10/100 Mbit for media processing board
Up to 32 x E1/T1 (RJ-45) for ISDN PRIs and/or G.703
Up to 128 x V.35/RS-366 ports

ETHERNET/INTERNET/INTRANET CONNECTIVITY

TCP/IP, SSL, ARP, Telnet, HTTP, HTTPS, XML, SOAP
Embedded web server for total conference and call control
10/100 Mbps full/half duplex (manual or auto detect selection)

OTHER SUPPORTED STANDARDS

H.221, H.231, H.241, H.242, H.243, H.245, H.320, H.239, H.323, BONDING (ISO 13871), O.931, SIP, H261, H263+, H264, G711, G722, G722.1, G728, MPEG4 AAC-LD

APPROVALS

Directive 73/23/EEC (Low Voltage Directive)
– Standard EN 60950
Directive 89/336/EEC (EMC Directive)
– Standard EN 55022, Class A
– Standard EN 55024
– Standard EN 61000-3-2/-3-3
Directive 1999/5/EEC (R&TTE Directive)
– Standard TBR4
Approved according to UL 60950 and CAN/CSA C22.2 No. 60950
Complies with FCC15B Class A

ENVIRONMENTAL DATA

Operating temperature:
0°C to 35°C (32°F to 95°F) ambient temperature
Relative Humidity (RH):
10% to 90%
Storage and transport temperature:
-20 to 60°C (-4°F to 140°F) at RH 10–90% (non-condensing)

POWER

100–240 VAC, 50/60 Hz;
800W max. power consumption

UNIT DIMENSIONS

Height 9U/399 mm/15.7"
Width 444 mm/17.4"
Depth 371 mm/14.6"
Net weight 44 lbs/20.0 kg
19" rack-mountable

*MCU only

All specifications subject to change without notice, system specifics may vary.

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TANDBERG

MPS

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