

TELEPRESENTER™ MD-1



Telepresenter Media Player

The Telepresenter MD-1 is a Media Player that automatically receives streams from any Telepresenter Encoding Engine and plays those streams on attached RGB devices, such as CRT Monitors, HD Projectors, or LCD, DLP, or Plasma screens. Designed for overflow and room-to-room rebroadcasting, the MD-1 has the power to decode and play HD streams with no-touch simplicity and supports Multicast and Unicast networks alike.

The MD-1 decodes the Hi-Fidelity Audio, High Definition Video, and High Resolution graphics from the Telepresenter in perfect synchronization and at Broadcast-quality frame rates allowing real-time viewing via a standard Ethernet Interface.

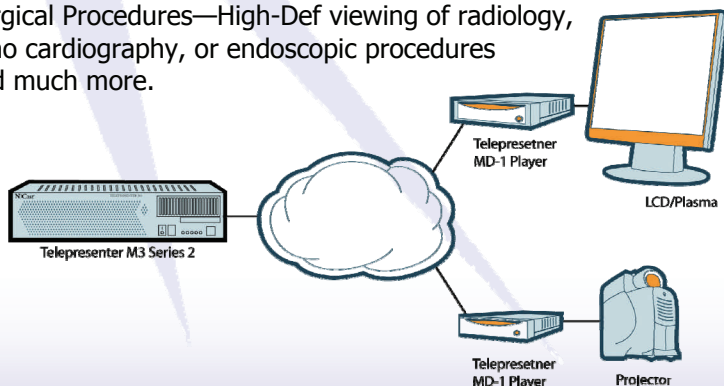
"The Telepresenter MD-1 allows users to play HD content throughout a venue."

Simplify your Design Projects.

For the A/V Systems designer, the MD-1 in combination with the Telepresenter™ M3 means that designs are simpler because the encoder and the decoder are designed to work together. Whether you're operating on a Multicast or Unicast network, the MD-1 reliably receives and decodes the Telepresenter stream and plays it on any standard display or digital sign. The nearly lossless MPEG-4 ASP encoding and N-Way transport protocol assure the highest quality imagery possible to a population of players, with image quality comparable to that of an uncompressed media stream. It has a VGA out port as standard, and an optional DVI version is available.

APPLICATIONS

- ✓ Schools and Universities—Classroom Overflow
- ✓ Government Agencies—Training Rooms, Briefing Centers
- ✓ Convention Centers—Event kiosks, Keynote Broadcast
- ✓ Hotels and Airports—Live Digital Signage content
- ✓ Corporate Events—Remove viewing, Cafeteria displays, extended meeting rooms, etc
- ✓ Surgical Procedures—High-Def viewing of radiology, echo cardiography, or endoscopic procedures
- ✓ and much more.



FEATURE HIGHLIGHTS

• GRAPHICS RESOLUTIONS

Supports most popular output formats, including:

- 4:3 aspect: - XGA—1024x768
- SXGA—1280x1024
- UXGA—1600x1200
- VGA/480i—640x480

16:9 aspect: - 720p—1280x720
and more

• SOURCE DATA

The MD-1 decodes MPEG-4 ASP Streams and native Telepresenter™ output received from the LAN.

• AUDIO CAPABILITIES

The MD-1 offers a 6 channel AC'97 codec for the best sound quality.

• OUTPUT PORTS

The MD-1 has an RGB port, and the MD-1d has a DVI port

TELEPRESENTER™ MD-1

TECHNICAL SPECIFICATIONS

SYSTEM PERFORMANCE

2.0 GHz embedded CPU
Embedded RTOS kernel
1 GB System RAM
Web-based User Interface

GRAPHICS RESOLUTIONS & PERFORMANCE

XGA, 1024x768, 60 fps
SXGA, 1280x1024, 60 fps
UXGA, 1600x1200, 30 fps
720p, 1280x720, 30 fps

GRAPHICS OUTPUTS

MD-1: VGA/RGB (DB15) 16.7 M colors
MD-1d: DVI-D (LVDS)

GRAPHICS DECOMPRESSION

MPEG-4 (ISO 14496-2)
Advanced Simple Profile @ Level 1-3

AUDIO

MPEG-4, AAC (ISO 14496-3)
Low Complexity Profile
Output, Stereo, Line Out, 3.5mm Jack
(PC Audio type)

NETWORK INTERFACE

RJ-45 (LAN), Ethernet 10/100 Mbps

COMMUNICATION PROTOCOLS

Multicast, Unicast
NCast NCCP, RTP, HTTP, UDP, TCP/IP
RTP, RTCP, RTSP, HTTPS, FTP

ENTERPRISE SYSTEM MANAGEMENT

SNMP, Optional Python Systems Manager
Serial Crestron/AMX compatibility (Serial, Telnet, HTTP)

SECURITY

Embedded Linux OS
HTTPS
SSL Certificate



The Telepresenter M3 Series 2 and the MD-1

USER INTERFACE CONTROLS

Web, Telnet or Serial (AMX/Crestron) control
Python API for custom windows programming
Multicast or RTSP addressing
Audio Output Volume
USB Stick for Alternate IP Setup

PHYSICAL

Dimensions
60 mm x 230 mm x 205 mm
2.36" w x 9.06" h x 8.07" d
Weight: 3 lbs 11 oz. (1.7 kg) w/o cables
Power: Universal External AC adapter (brick)
DC 12V @ 5A CP+

ENVIRONMENTAL

Temperature: Operating 0-35 C (32-95 F)
Humidity: 5% to 95% RH, Non-Condensing

APPROVALS

FCC, CE, RoHS-compliant

INCLUDED CABLES

Audio Cable—3' TRS to Stereo phono plugs
Video Cable—3' VGA Cable (MD-1)
—3' DVI Cable (MD-1d)

ORDERABLE PARTS LIST

Part	Description	Interface
MD-1	Telepresenter™ MD-1	VGA
MD-1d	Telepresenter™ MD-1d	DVI



MD-1d



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