

DATAGATE Mk2



GENERAL INFORMATION

The Datagate is an extremely flexible bridge between control and fixtures/dimmers. It can form the backbone of a network, provide optical isolation merge levels from multiple streams, and translate between DMX and Ethernet protocols.

APPLICATIONS

- UNIVERSITY/PROFESSIONAL THEATRES
- ARCHITECTURAL INSTALLATIONS
- TOURING COMPANIES / ROAD HOUSES
- PERFORMING ARTS CENTERS
- TRADE SHOWS / MUSEUMS

FEATURES

- Configurable to perform tasks such as
 - DMX Hub/Splitter
 - DMX Merger (HTP or LTP)
 - DMX <-> Ethernet Translation
 - RDM Gateway
 - RDM Sensor Info Gather / Report
 - DMX shifting
 - Dynamic Cuelist Playback
 - 32 scene Architectural Playback
 - Test Frame Generation
 - Hot Spare for another Datagateor any combination of the above.
- Input/Output
 - 8 DMX ports (input or output)
 - 1 Ethernet port
 - 1 RS232 input for profile selection via serial command

- Profiles may be selected and viewed with front panel menus or with Web Browser over Ethernet
- Configuration and editing of Profiles may be done with web browser that allows graphical flowchart style drag-and-drop editing
- Profiles may include mastering and switching, as well as direct control of level data that is accessed from a remote or mobile device via OSC
- LCD display supports menu navigation and provides status information
- Profile storage on hard drive or import/export to USB key or FTP.
- Rack mountable (19" x 1U)
- Internal power supply
- Integral cooling fan

ACCESSORIES

- Rack Mounting Ears (included)
- Gender Changer
- 3-pin to 5-pin Adapters
- Ethernet Hub (sold by others)
- Wireless Ethernet Gateway (sold by others)

ORDERING INFORMATION

Part Number	Description
#70044	Datagate Mk2

OPTIONS

Part Number	Description
#70701	Merging License
#70702	RDM Tools License
#70703	RDM Sensor Monitor License
#70704	Stream Auditor License
#70705	Hot Spare License
#70706	Real Time Clock

NOTES

VISUAL PROFILE EDITING and JUMBO FRAMES are distinctive features not easily summarized on this sheet. Consult www.enttec.com for more info.

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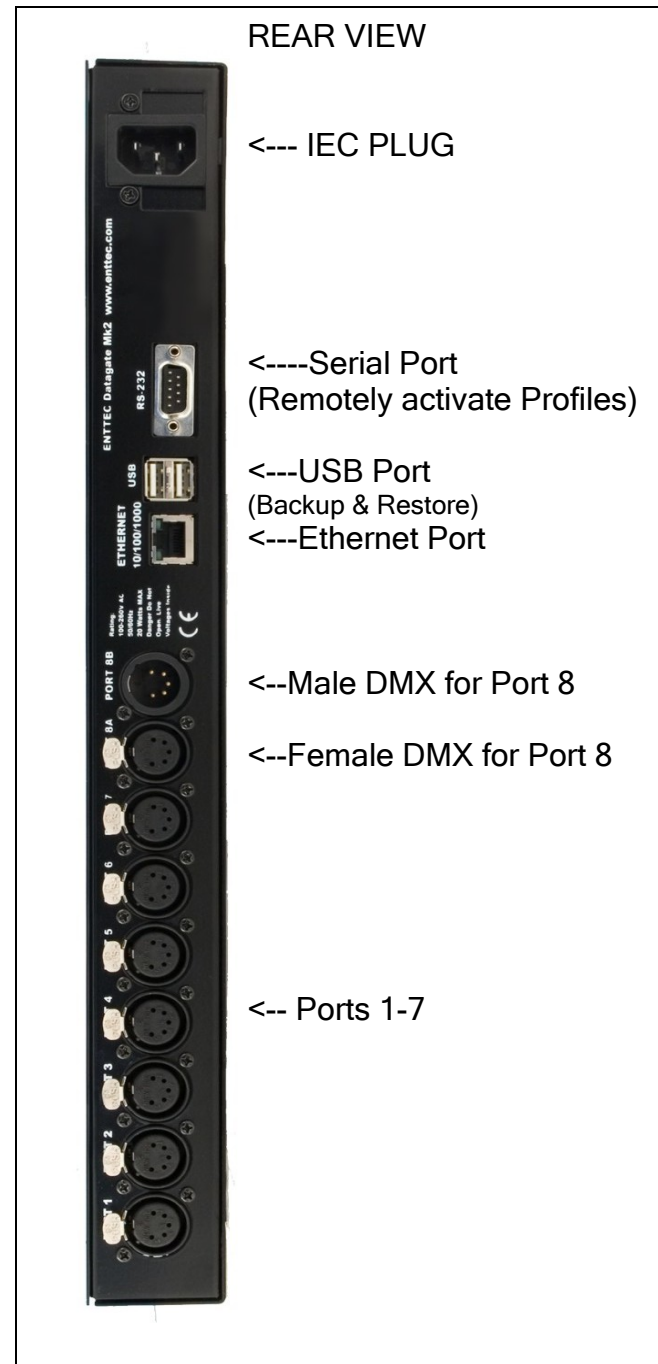
General Specifications :

Power Requirements	90-260vac, 50-60Hz
Weight	3.96lbs / 1,8kg
Shipped Weight	5.78 lbs / 2.6kg
Width:	18.25" / 463.1mm
Height	1.72" / 43.6mm
Depth	9.84" / 250mm
Rack	1 Standard RU
Operating Environment	0°-50°C in non-condensing environment

Functional Specifications :

- 8 RDM enabled 1500V isolated DMX ports
- Break time configurable for each DMX port (88us to 1ms)
- DMX Refresh rate configurable for each port (2Hz -> 44Hz)
- Number of channels configurable for each port (1 to 512)
- Data throughput Statistics available through webpage
- Supports these protocols for DMX over Ethernet
 - Art-Net
 - sACN
 - ESP
 - KiNET
 - OSC
- 10/100/1000 BaseT Ethernet port
- Supports Jumbo Frames
- Inbuilt Autoranging (90-260V) Mains power supply
- CE, FCC certified

REAR VIEW



<--- IEC PLUG

<---Serial Port
(Remotely activate Profiles)

<---USB Port
(Backup & Restore)

<---Ethernet Port

<--Male DMX for Port 8

<--Female DMX for Port 8

<-- Ports 1-7