



# Digico MADI-Rack [ 48 In / 24 Out ]

The DiGiCo D-Rack provides 32 microphone inputs, 8 line outputs and 8 optional modular outputs that can be selected as either analogue or AES, the D-Rack provides a maximum capacity of 32 ins and 16 outs at 48kHz. The hum and noise of analogue multicores are eliminated courtesy of a digital Cat5e connection to the console work surface. When running at 96kHz on Cat5e, the D-Rack supports 28 mic inputs and up to 16 outputs.

The D-Rack is configured with 16 analog line outputs and is racked up and patched via the Little Blue Box, enabling it to run on either its Native CAT-5 or via MADI protocol, ensuring compatibility with the entire DigiCo console range. It is equipped with dual redundant power supplies for increased show reliability.



## Physical

|                    |                            |
|--------------------|----------------------------|
| Size of Unit       | 482.7 W x 371 D x 443.7mmH |
| Item Weight        | 26kg                       |
| Cased weight       | 71kg                       |
| Size of unit cased | 750 x 630 x 590mm          |
| Quantity in Case   | 1                          |

## Electrical

|                  |                                         |
|------------------|-----------------------------------------|
| Power Connection | 2 x IEC (Dual redundant power supplies) |
|------------------|-----------------------------------------|

## Input / Outputs

|                        |                                                                 |
|------------------------|-----------------------------------------------------------------|
| Analog Input Channels  | 48 x Mic/Line Inputs<br>(Only 28 inputs are available at 96KHz) |
| Analog Output Channels | 24 x Line Outputs                                               |
| Digital Connectivity   | 2 x MADI BNC I/O Pairs - 2 Consoles 48ch Inputs at 48KHz        |

## Parameters

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|                         |                                                                 |
|-------------------------|-----------------------------------------------------------------|
| Digital / Analogue      | Digital, 48 or 96KHz                                            |
| Latency                 | ~2ms @48KHZ; ~1.1ms @96KHz                                      |
| Phantom Power           | Yes, individually selectable on channels from connected console |
| Internal Fx             | N/A                                                             |
| Recording Capability    | N/A                                                             |
| USB Audio Configuration | N/A                                                             |
| Input Processing        | N/A                                                             |
| Output Processing       | N/A                                                             |

## Environmental

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|                       |            |
|-----------------------|------------|
| IP Rating             | -          |
| Cooling               | Fan Forced |
| Operating temperature | 0-35°      |

## Compatibility

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|                |                                   |
|----------------|-----------------------------------|
| Consoles       | DigiCo SD Series; Digico S Series |
| Network Router | N/A                               |
| USB            | N/A                               |

MADI Rack's inputs are seen as "Line In" by default with S series consoles. All inputs need to be changed individually to Mic In to use them.

## Information Links

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Manufacturer Link <https://digico.biz/>