

 **DiGiCo**

**SD8-24**



## **Big on delivery, smaller in size - less is more with DiGiCo's SD8-24**

With the DiGiCo SD8, the compact footprint of this entry-level console, coupled with the astounding power of its Super FPGA processor, made it an instant hit, with record numbers sold since its launch.

As the world of corporate events begins its renaissance, DiGiCo has once again produced a product to suit the industry's changing needs - a console with an even smaller footprint, but with no reduction in functionality or number of inputs and outputs.

At under a metre in width, this diminutive powerhouse is known as the SD8-24.





## SD8-24 Features

Complete with 48/8 Stage Rack with 100m Digital  
MADI snake

Unlimited application areas

Exceptional cost to feature ratio

Up to 60 mono or stereo channels with full processing  
(equal to 120 channels of DSP processing)

24 mono or stereo busses + Stereo Master with full  
processing (equal to ~~50~~<sup>51</sup> busses of DSP processing)

*or LCR*

On Board local I/O with 8 Mic/Line inputs, 8 Line  
Outputs and 8 AES I/O

Open format & platform recording

~~12~~<sup>16 x 12</sup> x 12 Matrix with full output Processing

~~6~~<sup>8 now including stealth reverbs</sup> stereo floating point FX processors

2 independent solo busses for monitoring

Snapshot cue control with crossfade

25 touch sensitive faders for instant control Touch  
screen control

Full worksurface precision metering

Networking and remote control

Remote studio grade mic pre's

MADI connection

~~12~~<sup>24</sup> x 32 bands of graphic EQ

Offline & online session control

DiGiCo high grade processing and audio path

*now with 8 channels x 4 bands of  
dynamic EQ (mono or stereo)*

*now with 8 channels of multiband  
compressor (mono or stereo)*

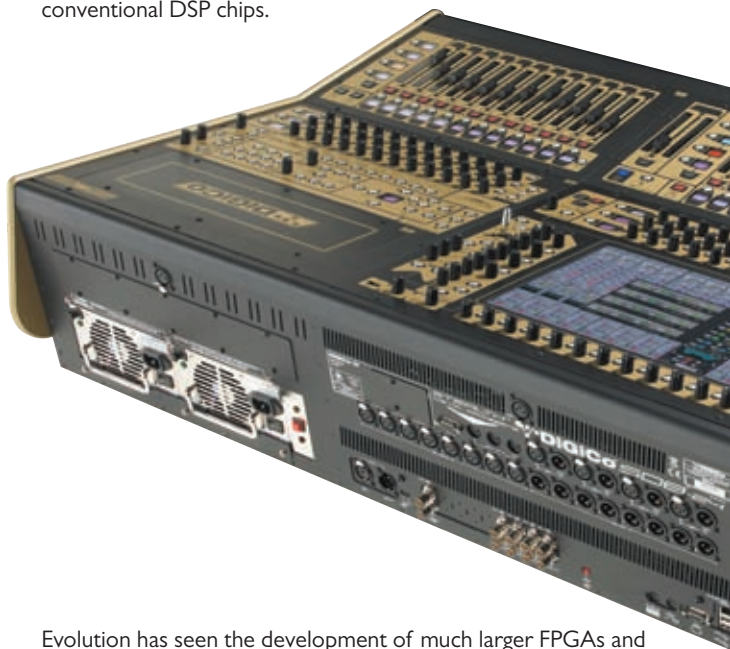
*ability to build custom banks*

*\*for many more new features see SD8 OverDrive page*

The SD8-24 has the fixed architecture of the SD8, employing the same smaller Super FPGA (Field Programmable Gate Array), a technology that has been around for almost as long as DSP.

FPGAs comprise a series of logic blocks, plus a system for connecting them, which can be programmed to perform complex operations or more routine tasks normally associated with basic gates, and in many high performance FPGAs, these logic blocks also have access to on-chip memory or even embedded microprocessors.

Applications for FPGAs are very wide reaching and this brings with it certain economies of scale. They are particularly well-suited to audio mixing applications, not least because a single FPGA can carry out the same functions as a whole board full of conventional DSP chips.



Evolution has seen the development of much larger FPGAs and these can perform far greater numbers of calculations than the most advanced DSP. These Super FPGAs are utilized in the SD-8 and SD8-24.

DiGiCo has also applied Stealth Digital Processing™ to its entire SD range. This is the technology that allows it to process all mixing functions and reverb algorithms in one of the latest FPGA design components. A single chip processes an amazing amount of channels, providing more channel processing than can be found on any other digital live console.

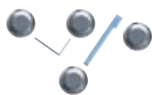
All of this gives the SD8-24 an exceptional cost to feature ratio and means that less really is more.

➔ The console benefits from all the features currently available on the SD8, as well as some additional ones courtesy of the newly developed OverDrive software. Overdrive, although a cost option, will be available to all existing SD8 customers at no additional charge.



➔ The SD8-24 is not only ideally suited to the corporate market, but to other applications where space is at a premium. These include regional theatre or installations that want to upgrade from existing consoles to benefit from vastly increased features, I/O capability and sound quality, but do not have the space for a larger footprint console.





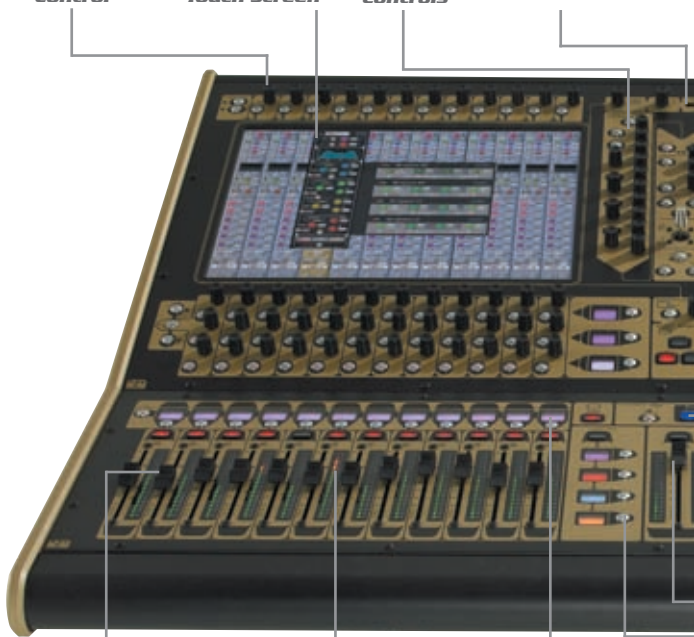
# DiGiCo

**Input Gain Control**

**15" Wide View Touch Screen**

**Channel Controls**

**USB Connection**



**100mm Touch Sensitive Faders**

**20 Segment Meter Strips**

**3 Line Multi Function LCD Displays**



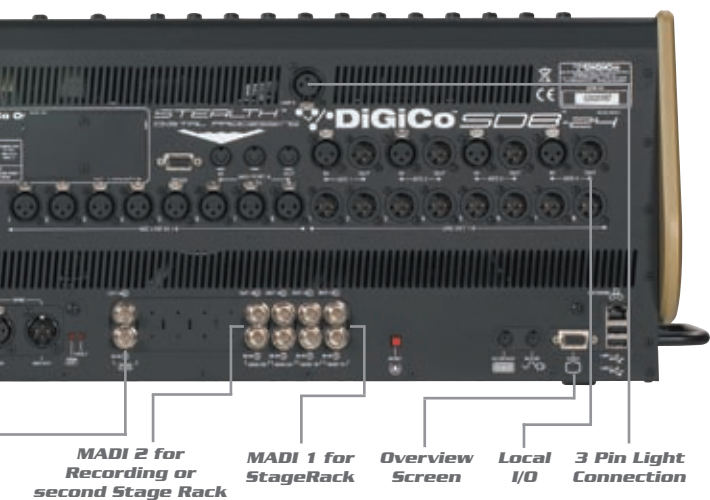
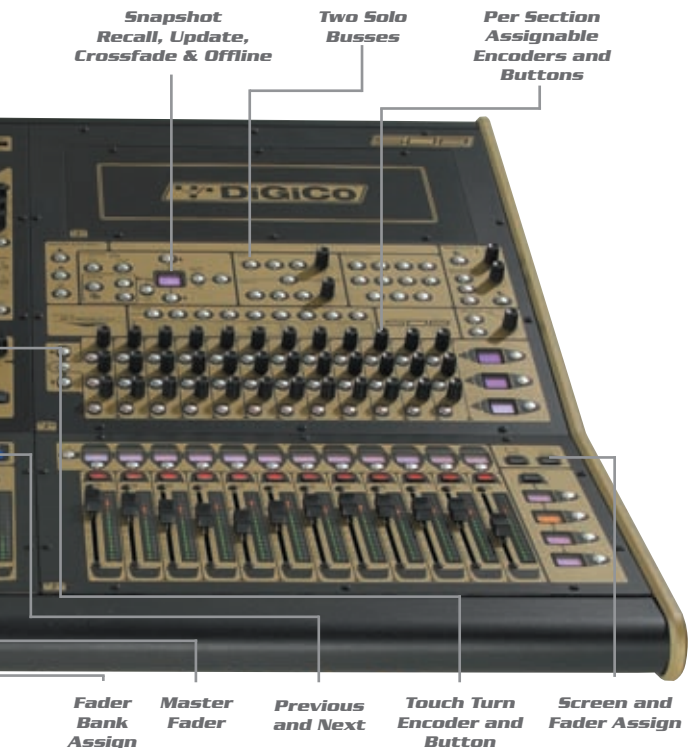
**Dual Hot-Swap PSUs**

**Optics Upgrade**

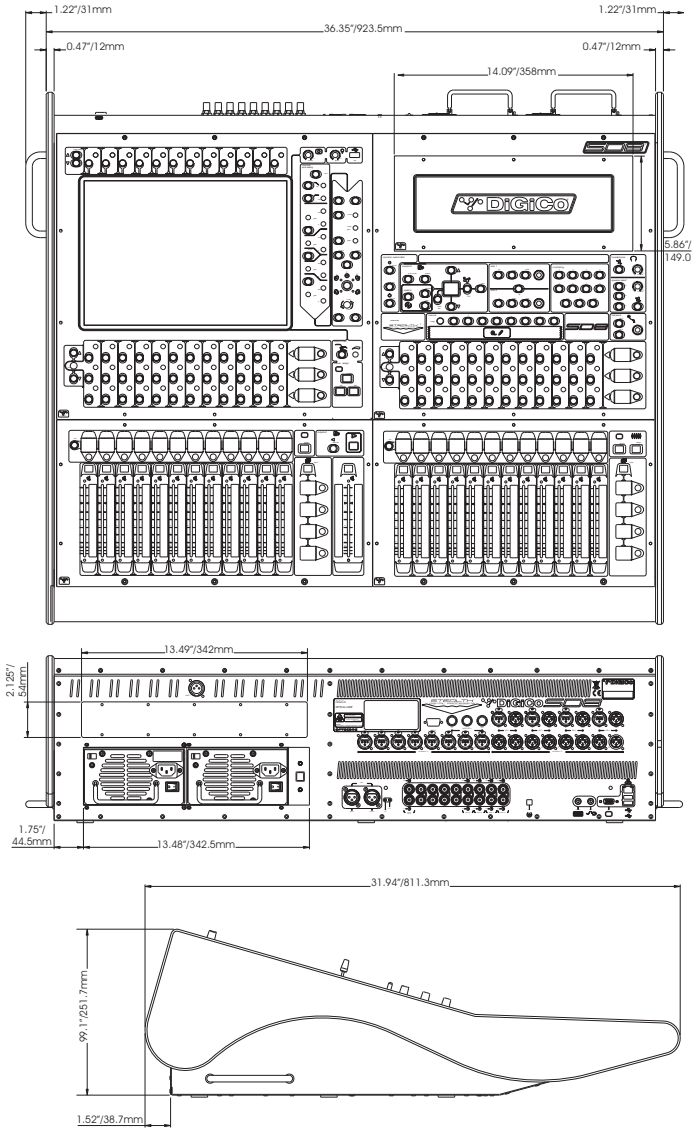
**AES Word Clock**

**Sync**

# SD8-24

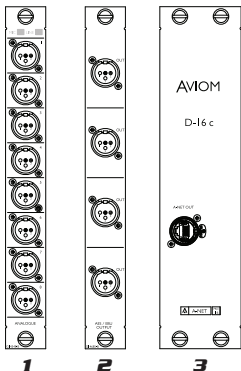
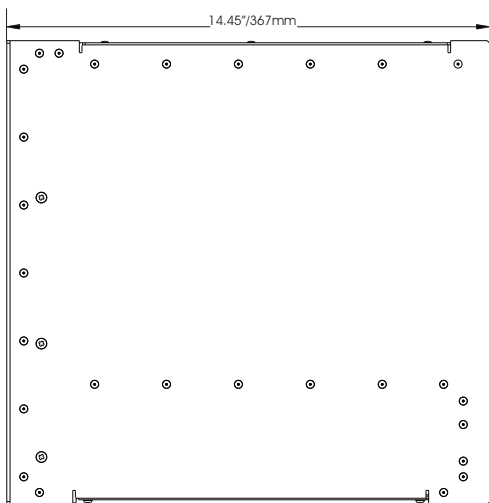
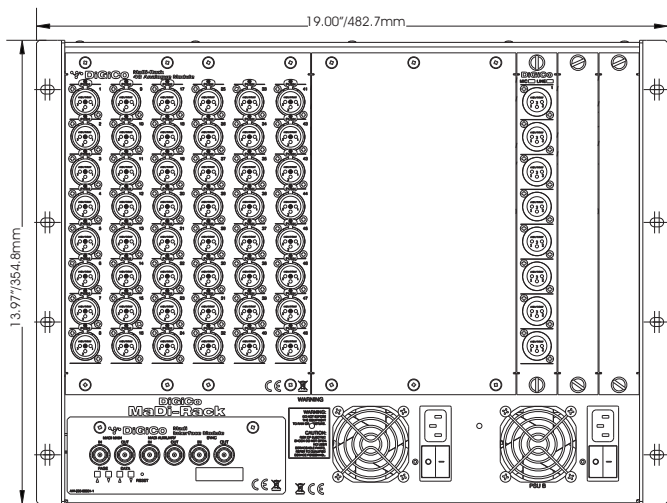






**DiGiCo SD8-24 Notes**

- |  |                |
|--|----------------|
| 1. SD8-24 WEIGHT                         | 53Kg/116.85lb  |
| 2. SINGLE PSU                            | 1.6Kg/3.52lb   |
| 3. PSU CHASSIS COMPLETE WITH 2 PSUs      | 6Kg/13.22lb    |
| 4. RACK WEIGHT (CONFIGURATION DEPENDANT) | 25Kg/55.11lb   |
| 5. FLIGHT CASE                           | 77Kg/169.76lb  |
| 6. FLIGHT CASE (PACKED)                  | 130Kg/286.60lb |



### Card Options

- 1. Analogue output card**  
with 24-bit D/A on XLR connectors
- 2. AES/EBU output card**  
with sample rate conversion
- 3. Aviom D-16c A-Net Card**  
ultra-fast A-Net™ Pro I6 protocol connectivity