

# Compact Stagebox (CSB)



The Compact Stagebox is an extension to the range of Soundcraft digital live sound consoles, and adds a cost-effective expansion option to the Soundcraft Vi Series, Soundcraft Si Series, Soundcraft Vi1™ and Soundcraft® SI Compact.

The Soundcraft Compact Stagebox offers a high density of I/O connections in only 4U of rack space. The modular unit is fully configurable but is offered with a standard configuration of 32 mic/line inputs, 8 line outputs, 8 channels of AES/EBU outputs and 2 expansion slots for standard Studer D21m I/O cards. The D21m is the I/O architecture for Studer as well as Soundcraft digital mixing systems and allows connection to most popular digital formats, including CobraNet®, AVIOM A-Net®16, Ethersound, ADAT and RockNet. A MADi recording interface can also be fitted to the expansion slots.

It is possible to equip the Compact Stagebox with an additional 16 mic/line input XLR module instead of the output module, providing 48 inputs. In this case, analogue or AES outputs could still be obtained on D-Type connectors via D21m cards fitted to the expansion slots.

As well as the flexibility of the D21m option card interface, the Compact Stagebox also uses the same Mic/line I/O modules as found in the Soundcraft Vi1 console, and as a result it is possible to move or share modules between console and stagebox, should a different configuration of I/O be required on either the Vi1 or the Stagebox. For example, the 8 line out/AES output card from the Stagebox could be fitted to the Vi1 console in place of a 16ch line output card. Alternatively, the mic input modules can be replaced with output modules if large numbers of outputs are required. When fitting cards to the expansion slots it should be noted that the maximum input and output capacity of the CSB is limited by the MADi console link to 64 in/64 out.

The Compact Stagebox is connected to the host console using either Cat-5 or Optical-fibre MADi, the same way as the larger 64 Mic/line Vi6 Stagebox is hooked up, and shares the same redundant MADi cable capability.  
Cat5 Version: E947.350000 Optical version: E947.351000

The unit comes complete with twin redundant power supplies, thermostatically-controlled fan cooling and full LED status monitoring. An 8ch GPIO interface is also provided.

The Compact Stagebox is ideal for existing owners of Vi Series consoles as a cost-effective method of expanding the input capability by expanding to up to 96 mic/line analogue inputs from remote stageboxes, or as a partner for the Vi1 and Si range of consoles providing cost-effective remote I/O capability in conjunction with the optional MADi interface cards available for those consoles.

# Compact Stagebox (CSB) - Custom Configurations



Figure 1, 32 Mic/Line Inputs,  
8 line outputs, 8 AES outputs



Figure 2, 48 Mic/Line Inputs,  
with 16 line outputs (optional)



Figure 3, 32 Mic/Line Inputs,  
16 line outputs

## Custom Configurations - some examples

While the Compact Stagebox is offered with 32 mic inputs, 8 line outputs and 8 AES/EBU outputs (Figure 1), thanks to the modular construction it is possible to configure the unit with different I/O configurations. Please note: these configurations are special orders only.

For example, a third input module (A947.043000) can be used in place of the output module, to provide 48 mic/line inputs (see Figure 2).

With this configuration, it is still possible to provide line outputs by fitting two D21m Line Output Cards (RS2424) to the D21m option slots, when 16 line outputs will be available on the two D-Type connectors.

Similarly, a full 16 line outputs can be provided by replacing the third module with the line output module (A947.043500, Figure 3).

## MADI Recording Interface

If the D21m option slots are unused, it is possible to add an optical MADI card to act as a recording interface to a computer-based recorder, often for a valuable virtual sound check as well as live show recordings. The MADI card is a double-module, so no other D21m option cards may be fitted in this configuration.



The MADI card will appear in the console's patching system with as many channels as are left over once the other input and output cards have been subtracted from the maximum 64 in/64 out matrix. For example, for the standard configuration, this would leave 48 record and 32 playback channels.

## Dimensions

Width: 19"/483mm  
Height: 4U/7"/178mm  
Depth (chassis only): 14.76"/375mm