Soundcraft®
ViSi
CONNECT

## Flexibility and Expansion

Option Cards, I/O Solutions, and Accessories for
Soundcraft Vi Series consoles

VISICONNECT

Stageboxes

EXPANSION OPTIONS FOR SOUNDCRAFT DIGITAL MIXING CONSOLES.
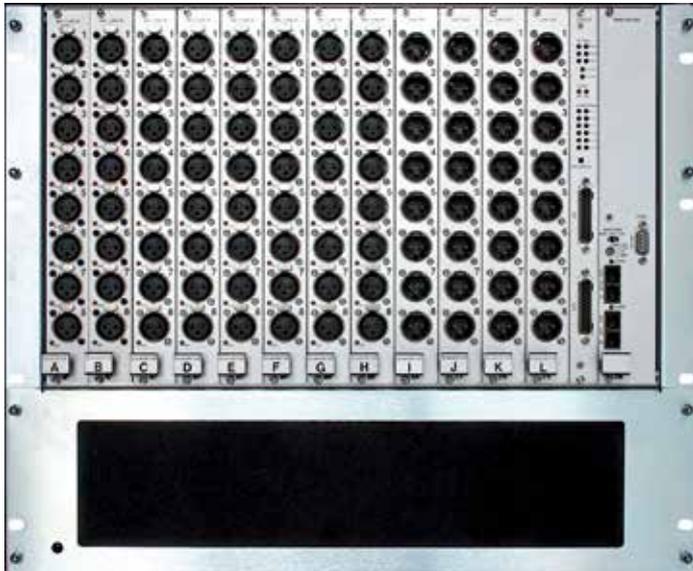
Vi STAGEBOX

The 9U Vi Stagebox houses 64 mic/line inputs and 32 analogue line outputs. Mic/line amp gain, 48 V phantom power and 100 Hz lo-cut filter before the A-D converters can all be controlled remotely from the desk.

The Stagebox is available in Standard 64/32 configuration, or can be reconfigured as part-fitted or with alternative cards as required.

Optional AES/EBU, CobraNet®, Ethersound®, Aviom A-Net® 16, Blu Link or Dante cards are available, as well as transformer balanced options for the mic input cards.

PART NUMBERS:	CAT5 VERSION:	RW5786C
	OPTICAL VERSION:	RW5786CO

COMPATIBILITY:			
Vi1	✔	Vi4	✔
Vi2	✔	Vi6	✔

COMPACT STAGEBOX (CSB)

The Soundcraft Compact Stagebox offers a high density of I/O connections in only 4U of rack space. The modular unit is configurable but is offered with a standard configuration of 32 mic/line inputs, 16 line outputs, and 2 expansion slots for standard Vi Local Rack I/O cards. These D21m option cards allow connection to most popular digital formats, including CobraNet®, AVIOM A-Net®16, Ethersound, ADAT, RockNet, Blu Link, and Dante. 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. The upper section of the stagebox is reconfigurable with a choice of 16 channel I/O modules: 16 mic/line inputs; 16 line out; 8 line out + 8 AES out; 16 AES in + 16 AES 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. (For Vi1 a compatible card for the console is required to be purchased separately).

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.

PART NUMBERS:	
CAT5 VERSION	E947.350000
OPTICAL VERSION	E947.351000
OPTIONAL UPPER SECTION MODULES	ALSO USED ON Vi1 CONSOLE LOCAL I/O
16 MIC/LINE IN	Vi1-ML1
16 LINE OUT	Vi1-LO1
8 LINE OUT + 8 AES OUT	Vi1-AES8
16 AES IN + 16 AES OUT	Vi1-AES16

COMPATIBILITY:			
Vi1	✔	Vi4	✔
Vi2	✔	Vi6	✔

Stageboxes

COST-EFFECTIVE EXPANSION OPTION FOR SOUNDCRAFT DIGITAL MIXING CONSOLES.

MINI STAGEBOX (MSB)

The Mini Stagebox range from Soundcraft provides a simple solution to stage connectivity offering a lower-cost option for many systems where the modularity and configurability of the larger systems are not required.

The Mini Stagebox 32 (3U) provides 32 analogue inputs and 8 analogue line outputs, with 4 pairs of AES outputs, providing a total I/O capacity of 32 inputs and 16 outputs, with the Mini Stagebox 16 (2U) model providing 16 analogue inputs and 8 line outputs. They connect to any of the Soundcraft Si Expression, Si Compact, Si Performer, Si Series and Vi Series consoles via a MADI HD card fitted to the option card slot. The mic preamps used in the Mini Stagebox are identical to those in the Compact Stagebox and Vi1 console.

The Mini Stagebox 16 is fitted with a single-ended Cat5 MADI connection (so only one cable is required), while the Mini Stagebox 32 includes dual Cat5 connections which provide signal redundancy.

The Mini Stagebox models contain an integral PSU so are completely self-contained and sit comfortably stage-side.

PART NUMBERS:	
Mini Stagebox 16 Cat5 MADI	5036292
Mini Stagebox 32 Cat5 MADI	5036290

COMPATIBILITY:			
Vi1	✔	Vi4	✔
Vi2	✔	Vi6	✔

ViSiCONNECT

Option Cards (Local Rack/Compact Stagebox)

Vi SERIES A series of optional interface cards, designed to fit either the local rack or Compact Stagebox, and in some cases also the Vi Stagebox, enable Vi Series™ consoles to interface directly with a wide range of other systems and audio networks using industry standard protocols.

LINE IN CARD

Eight-channel line input card with 24 bit, 48kHz A/D Converter, delta-sigma conversion. Transformer-balanced inputs. 7...26 dBu input sensitivity. "Signal present" LED indicator. Inputs on standard 25-pin D-type connector (female).

PART NUMBER:
ViO-LI

COMPATIBILITY:	
Local Rack/CSB	✔
Vi Stagebox	✘

LINE OUT CARD

Eight-channel, 24 bit line output card with 24 bit D/A converters with 48 kHz operation. Electronically balanced outputs. 7...26 dBu max. output level. Outputs on standard 25-pin D-type connector (female).

PART NUMBER:
ViO-LO

COMPATIBILITY:	
Local Rack/CSB	✔
Vi Stagebox	✘

MIC IN CARD

Four analogue microphone/line inputs, electronically balanced, with 24 bit, 48 kHz delta-sigma A/D converters (mic/line sensitivity, gainsetting in 1 dB steps, low-cut filter, and 48 V phantom power on/off controlled by console software). Green "signal present" and yellow "phantom power" indicators per channel. Inputs on standard 25-pin D-type connector (female).

PART NUMBER:
ViO-MI

COMPATIBILITY:	
Local Rack/CSB	✔
Vi Stagebox	✘

AES/EBU CARD
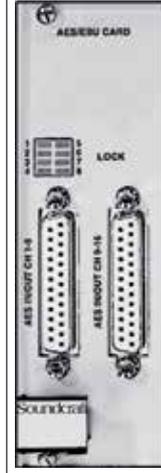
AES/EBU input/output card with 16 Ch I/O. With input SFCs only. Input SFCs can be bypassed individually. Output dither is selectable for every AES/EBU output from 24 bit, 20 bit, 18 bit or 16 bit.

Settings are made with jumpers. Inputs and outputs on standard 25-pin D-type connectors (female).

PART NUMBER:
ViO-AES

COMPATIBILITY:	
Local Rack/CSB	✔
Vi Stagebox	✘

Option Cards (Local Rack/Compact Stagebox)

3G SDI CARD

The 3G SDI card can de-embed up to 16 audio channels from an SDI (Serial Digital Interface) stream, and re-embed them (Embedder/DeEmbedder card only) back on to the stream for onward transmission in a broadcast environment, saving high costs of external units and, of course, weight. These channels may be patched in to any input as usual.

Two versions of the card are available: DeEmbed only, or Embed/DeEmbed

PART NUMBERS:

DeEmbed Only	ViO-SDI
Embed/DeEmbed	ViO-SDIO

COMPATIBILITY:

Local Rack/CSB	✔
Vi Stagebox	✘

Dolby E CARD

The Dolby E card decodes the audio channels from a Dolby E or Dolby Digital stream and allows them to be patched into separate inputs on the console for mixing. Each card provides two full decoder sections, and can dramatically save external hardware cost, space and weight.

PART NUMBER:

ViO-DOLBY

COMPATIBILITY:

Local Rack/CSB	✔
Vi Stagebox	✘

ADAT CARD

The ADAT card provides two optical eight-channel ADAT inputs and outputs, with 48 kHz operation. Optical inputs and outputs are provided on Toslink connectors and can be used to record to, for example, an Alesis HD-24 hard disk recorder or other device with ADAT inputs and outputs, and receive playback audio.

PART NUMBER:

ViO-ADAT

COMPATIBILITY:

Local Rack/CSB	✔
Vi Stagebox	✘

TDIF CARD

This card provides two 8-channel TDIF I/O interfaces with 48 kHz operation with wordclock sync outputs on BNC connectors. Inputs and outputs are provided on standard 25-pin D-type connectors (female).

PART NUMBER:

ViO-TDIF

COMPATIBILITY:

Local Rack/CSB	✔
Vi Stagebox	✘

VISICONNECT

Option Cards (Local Rack/Compact Stagebox, Vi Stagebox)

A-NET CARD

The **Soundcraft A-NET® 16V** card provides direct digital connection on a single Cat5e cable from the Aux or Group outputs into an Aviom® A-NET® Pro16™ Series Personal Mixer (compatible with A-16II and A360).

The Pro16 System enables musicians on stage to be fed with up to 16 subgroups of instruments or vocals which they can then mix to their own taste using their own on-stage controller. The card includes a switchable test tone and stereo pair linking via DIP switches.

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PART NUMBERS:	
Local Rack/CSB	ViO-ANET
Vi Stagebox	ViSB-ANET

COMPATIBILITY:	
Local Rack/CSB	✔
Vi Stagebox	✔

BLU LINK CARD
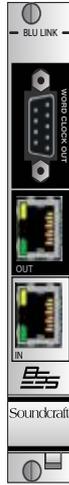
The Blu Link card provides up to 32 inputs and 32 outputs to/from a BSS Blu Link ring, and can be used to interface to BSS London networked audio systems, or to the PMC Personal Monitoring Controller.

The Blu Link redundant ring allows for up to 256 channels, so the Vi Blu Link card contains internal DIP switches that allow a block of 32 sequential channels from the 256 to be addressed by the card, separately selectable for inputs and outputs.

In addition the card can be set as clock master or clock slave, according to system requirements. When acting as a slave a jumper cable (included) must be connected from the card's wordclock out to the consoles wordclock input.

PART NUMBERS:	
Local Rack/CSB	ViO-BLU
Vi Stagebox	ViSB-BLU

COMPATIBILITY:	
Local Rack/CSB	✔
Vi Stagebox	✔

DANTE CARD

The Dante card allows 64 channels to be sent to / received from a Dante network. As well as providing audio exchange with other Dante-enabled equipment, the card also allows 64 channels of audio to be connected directly to a PC or Mac computer for recording or processing, by using a standard Ethernet connection*.

Routing and setup of the network is done using an external computer running Dante Controller software (available FOC from the Audinate website).

A BNC sync output connector on the card allows the console's wordclock input to be driven by the network clock, if required by the clocking setup.

Requires Dante Virtual Soundcard software to be installed on the computer — one licence token supplied with each card.

PART NUMBERS:	
Local Rack/CSB	ViO-DANTE
Vi Stagebox	ViSB-DANTE

COMPATIBILITY:	
Local Rack/CSB	✔
Vi Stagebox	✔

CobraNet™ CARD

The **CobraNet™ card** allows up to 32 channels of input or output signals (or a combination of both) to be received by or sent from console onto a CobraNet™ network. The card must be used as the Conductor for the network. By default, the card is configured for 32 outputs.

PART NUMBERS:	
Local Rack/CSB	ViO-COB
Vi Stagebox	ViSB-COB

COMPATIBILITY:	
Local Rack/CSB	✔
Vi Stagebox	✔

NOTE: Images show local Rack/CSB versions — Vi Stagebox versions have same connections but have 6U high front panel.

Option Cards (Local Rack/Compact Stagebox, Vi Stagebox)

EtherSound CARD

The Digigram EtherSound card allows up to 128 channels of audio (64 inputs/64 outputs) to be connected to the rack via a single Cat5 connection. A second Cat5 connection allows daisy chaining or full redundancy capability, ensuring the network remains uninterrupted should a cable be broken.

Available in both stagebox and local rack versions. This card is only available via Digigram's distribution network.

PART NUMBER:
Available from Digigram

COMPATIBILITY:	
Local Rack/CSB	✔
Vi Stagebox	✔

MADI Cat 5 CARD

Two types of MADI card are available, both offering 64 channels of audio on dual redundant cables. The Cat 5 version offers cost-efective connections to a Soundcraft Stagebox using Cat 5 cable terminated in robust Ethercon connectors. Distances of up to 120m are possible using approved Cat 5 cables (see list below).

PART NUMBER:
ViO-C5

COMPATIBILITY:	
Local Rack/CSB	✔
Vi Stagebox	✘

APPROVED CAT 5 CABLES	
TYPE	MAX. DISTANCE
NEUTRIK (CONTRIK) ETHERFLEX	80m
EVOLUTION XPC TACTICAL Cat 5E	100m
KLOTZ RC5SB	120M

Soundcraft does not guarantee reliable operation with any other type of Cat 5 cables.

MADI Optical CARD
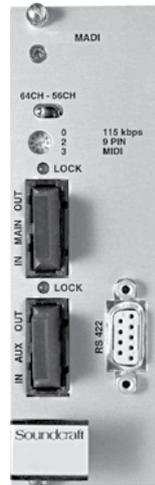
The optical MADI card provides the same functionality as the Cat 5 version but on industry-standard SC fibre connectors. Two duplex SC connectors allow dual redundant cabling with automatic switchover. Connection distances of up to 1500m are possible using the standard multimode card, but a version with single-mode optical transceivers is also available allowing distances of up to 10km.

PART NUMBER:	
Multimode	ViO-MO
Singlemode	ViO-SO

COMPATIBILITY:	
Local Rack/CSB	✔
Vi Stagebox	✘

GPIO CARD

For general-purpose switching applications requiring total electrical isolation, this card provides 16 electrically isolated opto-coupler inputs with integrated current sink (5...24 VDC) and 16 electrically isolated outputs using SPST relay contacts. 5 VDC supply pins are available. Inputs and outputs on standard 37-pin D-type connectors (female).

PART NUMBER:
ViO-GPIO

COMPATIBILITY:	
Local Rack/CSB	✔
Vi Stagebox	✘

VISICONNECT

Option Cards (Vi Stagebox only)

MIC IN (x8) CARD

The Mic In card provides 8 channels of classic Soundcraft mic preamps with 10-65dB gain range, switchable 20dB PAD, 80 Hz high-pass filter and 48V phantom power with indicator LED. A transformer balanced version is available to special order.

PART NUMBERS:	
STANDARD	ViSB-ML
TRANSFORMER BALANCED	ViSB-MLTX

COMPATIBILITY:	
Local Rack/CSB	✗
Vi Stagebox	✔

LINE OUT (x8) CARD

The Line out card provides 8 electronically balanced and protected analogue outputs. Maximum output level is +22dB

PART NUMBER:	
ViSB-LO	

COMPATIBILITY:	
Local Rack/CSB	✗
Vi Stagebox	✔

AES IN CARD

The AES In card provides 8 channels of AES/EBU inputs via 4 balanced XLRs. Sync LEDs indicate a valid input lock. Each input pair incorporates sample rate converters which can be bypassed, using internal jumpers, if required.

PART NUMBER:	
ViSB-AESI	

COMPATIBILITY:	
Local Rack/CSB	✗
Vi Stagebox	✔

AES OUT CARD

The AES Out card provides 8 channels of AES/EBU outputs via 4 balanced XLRs

PART NUMBER:	
ViSB-AESO	

COMPATIBILITY:	
Local Rack/CSB	✗
Vi Stagebox	✔

ViSi Remote

REMOTE CONTROL iPAD APP FOR SOUNDCRAFT DIGITAL MIXING CONSOLES

The Soundcraft ViSi Remote is an iPad app which provides wireless control of Soundcraft Si Expression, Si Compact, Si Performer and Vi Series consoles. ViSi Remote allows you to mix and contour your sound from anywhere in a venue without being constrained by cables.

Systems can be configured to run in several ways.

1. A single iPad can control one console's levels and graphic EQ.

2. Multiple iPads can control a single console's settings. This means that artists can each control their own monitor mix directly from their performance position on stage.

3. A single iPad could control a number of consoles in a network, which may include any of the consoles noted in the above range, so Si and Vi consoles may be mixed on a network.

4. The ViSi app may be used as an offline familiarisation tool.

Simply connect a Wireless Router* to the HiQnet port on the console and mix remotely within minutes.

*Soundcraft does not guarantee operation with **all** wireless routers.*

- Optimise the front of house mix from anywhere in the room.

- Adjust monitor levels while standing next to the artist.

- Control input, aux and output levels and graphic EQ settings.

- Use in standalone mode for familiarisation with app functions.

- Control a network of consoles from one iPad app (e.g. FOH and Monitor): Vi1, Vi2, Vi4, Vi6 (requires console software V4.6 or above).

- Use multiple iPads on the same console, so several artists can control their own monitor mixes.

- Console and audio unaffected by wireless dropouts or interference.

- Auto discovery of consoles on network — no manual address entry needed.

- Connects to consoles via Harman's HiQnet® network.

Soundcraft
by HARMAN