

Mini Stagebox 16i

Soundcraft®
by HARMAN



HIGHLIGHTS ■

Studer designed preamps

Preamps designed by the legendary Studer brand give users professional-quality equipment.

16 total remote controlled mic inputs

Dedicated XLR mic pre inputs allow 16 simultaneous channels of external analog input.

8 analog outputs

Easily connect to your on stage house, monitors, and broadcast/streaming feeds

Consistent control from Soundcraft Si series of mixing consoles

Simple to add as additional Pre/I/O at a distance, with just a RJ45/Cat5 style connection between.

KEY MESSAGE ■

The new Soundcraft Mini Stagebox 16i offers customers multiple channels of remote controlled I/O for Soundcraft Si series products, including the Si Impact mixing console. The Mini 16i stagebox is equipped with high-quality components, including Studer-designed preamps, to deliver exceptional sound quality, convenience and robust ease-of-use.

The Mini Stagebox 16i is perfect for live sound engineers, houses of worship, bands, club owners and corporate customers that want affordable remote-controlled I/O for their Soundcraft Si series console. It delivers the input power, versatility and sound quality of large-scale traditional mixing solutions—all at an incredible value. Combined with the new Soundcraft Si Impact firmware update, the new Mini 16i makes the Si line more compelling and more flexible than ever.

Soundcraft Mini Stagebox 16i provides multiple channels of MADI I/O via standard Cat5 cabling, eliminating the need to run expensive and heavy analog snakes from the stage to front-of-house mixing positions. It also offers remarkable value while maintaining the industry-leading performance and dependability found in Soundcraft live solutions.

Mini Stagebox 16i features a streamlined design that provides essential connections and features, including a MADI over RJ45 connector built right onto the chassis. No local hardware configuration or option cards are needed or required—engineers can simply plug in, power on, select inputs and control remotely using a Soundcraft Si console.

Dedicated XLR mic pre inputs allow 16 simultaneous channels of external analog input as well as 8 analog outputs, for easy connection to house and stage monitors and broadcast or streaming feeds.

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SPECIFICATIONS ■

- RJ45/Cat5 connectivity
- 16 remote controlled mic preamps and A/D converters
- 8 XLR analog line level outputs
- 2U Rack mount design

TECHNICAL SPECIFICATION COMPETITOR COMPARISON ■

Ins/Outs:	Analog: 16 in, 8 out
Mic Preamps:	16
Remote Controlability:	From Soundcraft Si Consoles
Cat5 Connected to Mixing Console:	Yes
Additional or Substitute I/O:	Additional I/O on Si Console Series

SOUNDCRAFT SI IMPACT FIRMWARE UPDATE ■

HARMAN recently released a free firmware update for the Soundcraft Si Impact mixing console that enables up to 80 mix tracks when used in conjunction with stageboxes. The update allows Si Impact owners to add a stagebox for additional inputs, while simultaneously using the existing console inputs. By adding a second MADI option card to the console, customers can add a second stagebox and select which inputs to assign to the 80 mixing channels.

ORDER SPECIFICATIONS ■

Box Dims (L X W X H):	21.2x16.6x9.4in.
Shipping Weight:	13 lbs
Country of Origin:	CN
SKU Name:	Mini Stagebox 16i US
Product Description:	Mini Stagebox 16i US 1 x MADI only
SKU Number:	US 5074417
UPC CODE:	668705002639

AUDIO PERFORMANCE SPECIFICATIONS ■

Frequency Response

Signal Path: Stagebox Mic input to Stagebox line output, 4dBu input signal, 4dB input Mic gain. 20Hz – 20kHz

THD & Noise

Signal Path: Stagebox Mic In (at minimum gain, -5dB) to Stagebox Line Output. Measurement is taken with 8dBu, 1kHz input signal, 20Hz – 20kHz filters applied, unweighted. *0.004%*

Signal Path:

Mic In with 50dB gain to Stagebox Line Output. Measurement is taken with -40dBu, 1kHz input signal 20Hz – 20kHz filters, unweighted. *<0.02%*

THD Only

Signal Path: Stagebox Mic In (at minimum gain, -5dB) to Stagebox Line Output. Measurement is taken with 8dBu, 1kHz input signal, 20Hz – 20kHz filters applied, unweighted. *0.002%*

Signal Path: Mic In with 50dB gain to Stagebox Line Output. Measurement is taken with -40dBu, 1kHz input signal 20Hz – 20kHz filters, unweighted. *<0.015%*

Mic Input E.I.N.

Mic Input: Mic input is fitted with 150 Ohm Termination jack. Signal is routed to console AES output. Measurement is taken with 22Hz – 22kHz bandwidth, unweighted. Input signal of *-40dBu*.
Max Gain = (Output level (dBFS) + clip point in dBu) – Input level (dBu)
E.I.N = Max Gain – (noise floor (dBFS) + clip point in dBu) *>126dBu*

Residual Noise (Noise floor): Master output; no inputs routed, Mix fader *<-87dBu*

Crosstalk: 10dB input gain, -22dBu 10kHz input signal, Adjacent channels *<-80dB*

Sampling Frequency: 48kHz

Converter Resolution: 24 bit

Latency: MSB In -> Mixer -> MSB Out *1.5ms*

Internal Clock Accuracy: *+25ppm*



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