

# VENUE

## SC48 The Definitive, All-In-One Live Sound Console



### Features

- Fully integrated stage and ancillary I/O, DSP, and tactile control offers ultimate portability
- Compact footprint fits small- to mid-size clubs, houses of worship, theaters, and corporate events
- First-rate VENUE sound quality provides amazing audio clarity in any room
- Professional audio plug-in support for creating studio-quality mixes live
- Pro Tools LE FireWire interface and software for audio recording and playback
- VENUE D-Show software, the industry's easiest, most comprehensive control software
- 48 analog mic/line XLR inputs, 16 analog line outputs (expandable to 32)
- Single output expansion slot for maximizing output count or adding A-Net connectivity
- 16 Aux Sends, 8 Groups, plus 8 mono matrixes (linkable as up to 4 stereo matrixes)
- Choice of Left-Right plus mono or Left-Center-Right Mains bus configuration
- 26 touch-sensitive, motorized faders: 16 input, 8 output master, 1 Flex Channel, and 1 Mains
- 16 assignable, push-switch rotary encoders with multi-segment LED rings enable immediate access to key parameters
- Additional I/O, including talkback, analog and digital 2-track, GPI, MIDI, and Word Clock

### What's Included

- VENUE SC48 console
- VENUE D-Show software
- VENUE SC48 plug-in bundle and preauthorized iLok USB Smart Key
- Pro Tools LE software
- Mounting brackets for trackball and video monitor (trackball and monitor sold separately)
- All necessary cables, accessories, and documentation
- Protective dust cover

\* Video monitor, USB keyboard, USB trackball/mouse, and console lights sold separately.



Amazing sound quality, performance, reliability, and price. VENUE SC48 is the definitive, all-in-one live sound solution, combining all I/O, digital signal processing, and tactile control into one compact console, along with support for professional audio plug-ins and built-in Pro Tools LE® integration. It also introduces groundbreaking workflows that greatly increase your efficiency, allowing you to concentrate on what really matters most—the mix.

With its all-in-one design, VENUE SC48 enables you to travel light and bring the unrivaled sound quality and creativity of VENUE to any event. Or easily replace an analog console by dropping SC48 right into an existing cabling system. And because all VENUE systems operate under easy-to-use VENUE D-Show® software, simply learn it once and you can mix on any VENUE system and move show files from system to system—no matter the VENUE configuration.

### Amazing Sound Quality

SC48 delivers stunning sound quality and clarity thanks to its studio-grade mic preamps and built-in processing, including high-quality graphic EQ and dynamics. And with support for professional plug-ins built right into the console, you can easily re-create an artist's signature studio sound live—no other console at this price point provides you with the sheer number and breadth of sound processing choices available.

### Seamless Pro Tools Integration

SC48 features a built-in Pro Tools LE FireWire interface, making it easy to connect a computer (sold separately) running Pro Tools LE software (included) for live show recording. You can also perform Virtual Soundcheck—a timesaving

process that lets you play tracks recorded from a previous performance in place of the live mic/line inputs and fine-tune the mix before a show without requiring the performers' presence.

### Powerful Workflow Innovations

SC48 offers innovative features to optimize your workflow. With the exclusive Channel Control, a single button press gives you immediate access to any channel strip function, including input parameters, EQ, dynamics, and Aux sends, through the console's eight color-coded rotary encoders. Use Flex Channel to assign and gain perpetual access to a key channel. Take advantage of VCA Spill, which provides unprecedented access to channels without banking. And with the 999-snapshot capability, you can quickly make complex changes with the press of a button.

### Room for Expansion

VENUE SC48 features a single output expansion slot, enabling you to easily install one additional output option card to meet your interface needs. Expand your total analog output count to 32 with an AO16 Analog Output Card. Add 8 digital AES and 8 analog outputs with an XO16 Output Card. Or supply A-Net® connectivity for Aviom® Pro16™ Series devices with an AT16 A-Net Output Card.

## Hardware Specifications

Power Requirements	100-240 V, 50-60 Hz, 200 W
USB Ports (5)	USB 2.0
IEEE-1394 Port	FireWire (for Pro Tools LE only)
GPI Port	DB9 female
Footswitch Connectors (2)	1/4-inch TRS
MIDI In/Out	5-pin DIN female
Word Clock In/Out	BNC female
VGA Port	DB-15 mini-female (1024 x 768 resolution, mirrored display mode)
DVI Port	DVI female (1024 x 768 resolution, mirrored display mode)
ECx Ethernet Control	RJ-45 (for ECx remote control)
Console Light Connectors (2)	XLR3-F

## General Audio Specifications

Internal Sample Frequency	48 kHz
External Sample Frequency	48 kHz +/-10 ppm (Word Clock input)
Processing Delay	Less than 2.3 ms (48 channels, stage input through L-R bus to stage output)
Internal Processing	Up to 48-bit, fixed point (288 dB internal dynamic range)
Frequency Response	+/-0.2 dB (22 Hz - 20 kHz BW, relative to 1 kHz)
Dynamic Range	108 dB typ
Crosstalk	-100 dB typ (adjacent stage inputs to L-R bus, @ 1kHz)
Residual Output Noise	-90 dBu typ (20 Hz - 20 kHz BW)

## Stage I/O (standard configuration)

### AI16 Analog Input Cards (3)

Connector (x16)	XLR3-F, balanced
Phantom Power	+48V (individually switchable per channel via software), 10 mA max
Maximum Input Level	+32 dBu* with pad
Pad	20 dB
Gain	+10 dB to +60 dB
Input Impedance	pad off: 5.5k Ohm, leg to ground pad on: 3.8k Ohm, leg to ground
EIN	-126 dBu typ (maximum gain, 150 Ohm source, 20 Hz-20 kHz BW, unweighted)

### AO16 Analog Output Card (1)

Connector (x16)	XLR3-M, balanced
Maximum Output Level	+24 dBu
Output Impedance	50 Ohm, leg to ground

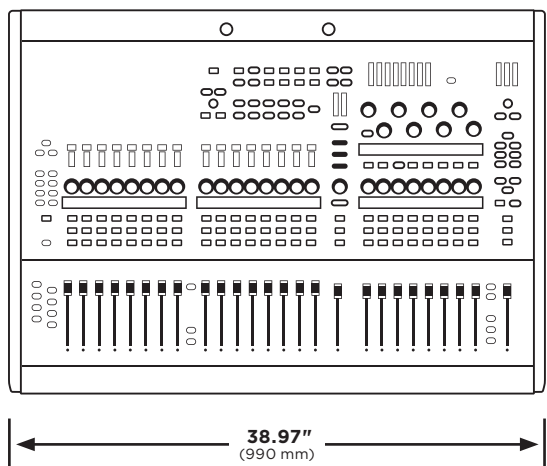
\* 0 dBu = 0.775V rms

## FOH I/O

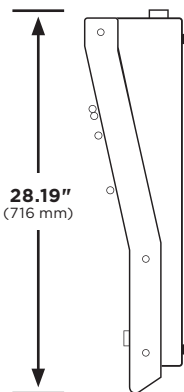
Talkback Mic Input	XLR3-F
2-Track Analog Inputs	1/4-inch TRS
2-Track Analog Outputs	1/4-inch TRS
2-Track Digital AES Inputs	XLR3-F
2-Track Digital AES Outputs	XLR3-M
Headphone Output (1)	1/4-inch TRS, unbalanced

### SC48 top view

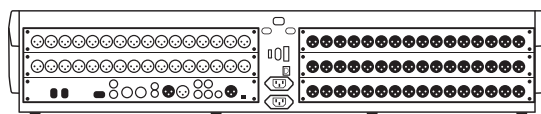
(Total Weight 125 lbs (56.7 Kg))



### SC48 side view



### SC48 back view



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