Soundcraft VI3000 Features:

- Virtual Vi offline set up: Set up your shows offline and load them into the Vi3000 via USB

- VM2 radio mic status monitoring: Monitor the status of HiQnet-compatible AKG radio mics directly from the console surface with realtime visual displays of battery life, RF status, mic muting and internal clipping.

- Copy/Paste channel bus and FX settings: Dedicated Copy and Paste buttons on the surface allow the settings of any channel, bus or FX section to be copied and pasted, dramatically cutting down the set up time.

- Copy/Paste processing elements: Operators can drill down to copy and paste even single processing elements, and the last paste operation can always be quickly reversed with an UNDO function.

- Settings Library: Along with a useful library of EQ and Dynamics settings, operators can store their own settings in the console or to a USB memory stick, making initial set up and transition between shows even easier.

- Sophisticated Cue List Management: Allows changes to be applied to multiple cues and recall scope to be set per snapshot.

- Advanced events integration: Cues can trigger or be triggered by MIDI or GPIO events, including MIDI timecode. Harman's HiQnet Venue recall function is tightly integrated within the Cue List.

- Automated microphone mixing: Post fade inserts provide an extra access point for inserts on every channel for use with external auto mic mixing systems.

- Snapshot crossfades: Snapshot recalls can use crossfades to transition smoothly from one setting to the next.

- ViSi Remote iPad® app: Control major functions and optimise your mix from anywhere in the venue. Adjust monitor levels from the stage.

- All busses to stereo: All busses can be turned to stereo without tying up two busses, providing a massive 24 stereo mix capability – perfect for mixing large monitor applications.

- 4 Aux send points: With a total of 4 aux send points, monitor mix engineers have the flexibility to tailor mixes more closely to performers' requirements. Sends can be pre-EQ, precompressor, pre-fade or post-fade on a per channel/per bus basis.

- Aux VCA mode: VCA master faders can control the aux sends of their member channels on a per mix basis, with a FaderGlow illuminating in white to indicate the VCA's operation on the current mix. Monitor engineers can retain control of important global elements such as ambient mics while also having a monitor mix selected and adjusting groups of sources within the current mix using the Aux-VCAs. Blue illumination of FaderGlow indicates that the VCA is controlling the global channel level to all mixes.

- Auto-increase of ambient mic levels in monitor mixes between songs: Performers using in-ear monitors want to hear the audience betweensongs. No problem. Vi3000 has the facility to externally control the Gate orDucking processing from a bus in the console, so all you have to do is inserta ducker on an ambient mic with an external source of the LR bus or a sparebus, and the audience level increases automatically when the performers stopplaying.

Soundcraft VI3000 Specifications:

- Frequency Response:

  - Stagebox Mic input to Line output +0/-1dB, 20Hz-20kHz
  - AES/EBU In to AES/EBU Out +0/-0.2dB, 20Hz-20kHz

- T.H.D. & Noise (22Hz-22kHz):

  - Stagebox Mic In (min gain) to Local Line Out: < 0.003% @ 1kHz
  - Stagebox Mic In (max gain) to Local Line Out: < 0.020% @ 1kHz
  - Local Line In to Line Out: < 0.003% @ 1kHz

- Mic Input E.I.N.: < -126dBu (150? source)

  - 22Hz-22kHz bandwidth, unweighted

- Residual Noise: -91dBu:

  - Stagebox line output; no inputs routed, Mix fader @0dB

- CMRR, Stagebox Mic input : 80dB @ 1kHz

  - Sampling Frequency: 48kHz

- Latency:

  - Stagebox Mic Input to Local Line output: < 2ms @48kHz

- AES/EBU Input Sample Rate: 32–108kHz (with SRC enabled)
- DSP Resolution: 40-bit floating point:
- Internal Clock Accuracy: < +/- 50ppm
- Internal Clock Jitter: < +/- 5ns
- External Sync: BNC Wordclock
- Input & Output Levels:

  - Mic Inputs: +28dBu max
  - Line Inputs: +22dBu max
  - Line Outputs: +22dBu max
  - Nominal Operating Level: +4dBu (-18dBFS)

- Input & Output Impedances:

  - Mic Inputs: 2k7?
  - All other analogue Inputs: >10k?
  - Line Outputs: < 75?
  - AES/EBU Outputs: 110?

- Oscillator: 20Hz to 20kHz/Pink/White Noise, variable level
- Stagebox HP Filter: 80Hz fixed, 12dB per octave
- Channel HP Filter: 20Hz-600Hz, 18dB per octave
- Channel LP Filter: 1kHz-20kHz, 18dB per octave
- EQ (Inputs and Bus Outputs) :

  - HF: 20Hz-20kHz, +/-18dB, Q= 0.3-8.7 or shelving
  - Hi-Mid: 20Hz-20kHz, +/-18dB, Q=0.3-8.7

- Lo-Mid: 20Hz-20kHz, +/-18dB, Q=0.3-8.7
- LF: 20Hz-20kHz, +/-18dB, Q= 0.3-8.7 or shelving

- Metering: Internal 20-segment LED bargraphs plus 9-segment gain reduction meters for all inputs and Outputs. Peak hold variable from 0-2s.
- Mains Voltage Operating Range: 90-264V, 47-63Hz, auto-ranging
- Mains Power Consumption 300W
- Temperature/Humidity Range:

  - Operating Temperature Range: 0°C – 45°C (32°F – 113°F)
  - Relative Humidity: 0% – 90%, non-condensing Ta=40°C (104°F)
  - Storage Temperature Range: -20°C – 60°C (-4°F – 140°F)