OMNIA VOCO 8

Up to eight individually processed mics networkable through an entire facility

OVERVIEW

VOCO 8 is the world's first voice processor with:

- Multiband processing
- Studio grade mic preamps with phantom power
- Eight line-level inputs
- "Dominate-It" powered voice processor, where the host mic can always be the dominant voice.
- "Session Recall" for convenience
- Livewire/AES67 support

Omnia VOCO 8 is adaptable to all different voice characteristics. From "natural tone" to "big", everything is possible in just a few clicks. Plus, in advanced mode, the Omnia VOCO 8 is also the perfect tool for production studios.

FEATURES

Processing

- De-Esser
- 3-band Noise gate
- 3-band Processing
- 4-Band EQ
- Brick Wall Limiter

Processing Chain Extra Features

- Low Pass / High filters
- Phase scrambler
- Dominate-It (when main talent speaks, it reduces the other participants to keep intelligibility)
- 2 Bus Mix
- Presets centralization and sharing
- Multi-Studio Ready
- Session Recall
- Link & Share ready
- Main sampling process frequency 192 kHz.
- Ultra low delay ~3 milliseconds

FEATURES

Inputs

Omnia VOCO 8 is powered with a first class mic-preamplifier, adaptable to any voice. It is also possible to use VOCO in Analog line level, AES EBU, Livewire and AES67.

Outputs

Each output is available on AES EBU, Livewire and AES67.

Bus Mix

Omnia VOCO 8 offers two independent Bus-Mix to group Mics in a single output. This is a great feature to simplify use.

IN DEPTH

A User Friendly Control Interface

- Control all Mics on one screen
- Settings from one single screen. No more opening and closing windows to go from one function to another.
- "Basic" mode and "Advanced" mode: "Basic", the mode where everything is simple and rapid. "Advanced" mode, to explore all of the processor functionalities. Ultra-rapid VU meters for true control over modulation.
- Unlimited "Undo/Redo" versioning function for presets with the possibility of recall.
- Innovative "compare" function with reference notion.
- Works on operating systems: Microsoft: XP SP3, Seven 32& 64 bits, 2008 R2. Linux (Debian)

GUI #1: Studio Mode GUI

Easy sound setup for each talent.

GUI #2: Live Mode GUI

The dedicated graphical user interface shows all 8 mics, status, affectations and user names. Recalling a mic to a user is done in two clicks. Another feature is "Session Recall". It is possible to save all mics' characteristics + user presets. Then recall them all in one click! Omnia VOCO 8 is also externally automatable for dayparts and automatic session recall.

IN DEPTH

HQSound 192 kHz

Omnia VOCO 8 is powered with the HQSound 192 kHz algorithm. While it is running at 192 kHz for dynamics stages, HQSound provides the possibility to control important amounts of gain range without any pumping or smashed sound effect. The result: a strong and robust sound.

Effective 3-band noise gate

In voice processing, to get an efficient noise gate on all voices with one preset is impossible. This is mainly due to differences in levels and consistency between voices. With VOCO 8 it is possible to create a preset for each talent. This is a key point for a perfect noise gate efficiency. Working in 3-band is a real advantage. In noise gate, bands are able to work independently or in a Master/Slave scenario. This helps to isolate noise coming from table and doors.

S.I.S – Sound Impact System

A part of the HQSound 192 algorithm, S.I.S preserves attacks automatically for maximum voice impact.

Preset Sharing

Another unique feature, preset sharing authorizes users to synchronize presets and all changes on an unlimited group of VOCO 8s. No need to access to each processor to load or change presets, Preset Sharing will automatically update all your processors. Moreover, when a new setup for a new talent is created in one studio, all other VOCO will receive the new talent preset in it's memory.

Multi-Studio Management

The Omnia VOCO 8 can process separately up to 8 microphones. Thanks to Multi-Studio mode, an Omnia VOCO 8 can distribute these resources over several studios. For example, you have two studios to equip with three microphones for each studio: with a single Omnia VOCO 8 you can "split in two" to get two processors which operate separately on each studio. Moreover studios may save and recall their own sessions.

Security

Omnia VOCO 8 offers the possibility to chain a second processor as a backup unit.

SPECIFICATIONS

MIC INPUT

- 8 channels, XLR
- +48v phantom, switchable
- Source impedance: 150 Ohms
- Input impedance: 4000 Ohms
- Level Range: -75 dBu to -20 dBu

LINE LEVEL INPUT

- ¼" (6.33mm)
- Level: +4dBu or -10dBu

DIGITAL INPUT

- Quantity: 4 stereo (2 channels per AES)
- Standard: AES/EBU
- Sampling Rate: 32 to 192 kHz - 24 bits
- DB-25 using Tascam format

LIVEWIRE/AES67 INPUT

- Quantity: 8
- Type: Livewire (Standard or Live stream) & AES67
- Level: Adjustable in Omnia VOCO user Software
- Connector: Ethernet 100 base-T

AES/EBU INPUT SYNC

- Quantity / Connectors: 1 BNC female connector
- Sync type: Word Clock - 32 to 192 kHz
- Level: 1 to 6 volt

DIGITAL OUTPUT

- Quantity: 4 stereo (2 channels per AES)
- AES/EBU
- DB-25 using Tascam format

LIVEWIRE/AES67 OUTPUT

- Quantity: 8
- Type: Livewire (Standard or Live stream) & AES67
- Level: Adjustable in Omnia VOCO user Software
- Connector: Ethernet 100 base-T

GPI INTERFACE

- Connector: Standard DB-15

AUDIO PERFORMANCES

- Processing delay: 3 ms
- Frequency response: 10Hz - 22 kHz +/-0.2dB
- Distortion: <0.2% THD

COMPATIBLE OPERATING SYSTEM FOR REMOTE CONTROL SOFTWARE

- Microsoft Windows: Windows XP SP3 - Windows 7 (32 & 64 bits) - Windows 8 (32 & 64 bits) - Windows Server 2008 R2 - Windows Server 2012, Linux: Linux (Debian)

OMNIA VOCO TO CLIENT COMMUNICATION INTERFACE

- TCP/IP: Client (Remote via Ethernet)
- Link & Share: 100% of parameter are accessible through telnet protocol

REGULATORY

North America: FCC and CE tested and compliant, power supply is UL approved.

Europe: Complies with the European Union Directive 2002/95/EC on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS), as amended by Commission Decisions 2005/618/EC, 2005/717/ EC, 2005/747/EC (RoHS Directive), and WEEE.

OMNIA AUDIO | 1241 SUPERIOR AVENUE | CLEVELAND, OH 44114 USA
MAIN: +1.216.241.7225 | **24/7 SUPPORT:** +1.216.622.0247 | **TELOSALLIANCE.COM**