



Vocalist<sup>®</sup> Live 24  
*and* 24

*Smart Multi-Part  
Vocal Harmony  
For Guitarists*

**DiGiTech**<sup>®</sup>  
The Power to Create

# World's first processors that automatically generate live multi-part vocal harmony by analyzing guitar chord progressions.

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In fact, any song that has the same note sung over two different chords (for example, a C sung in the melody over a Cmaj/Fmaj chord sequence) is going to confound conventional harmonizers.

Vocalist Live uses breakthrough musIQ™ technology to directly analyze the output of any electric or pre-amplified acoustic guitar (no special MIDI guitars or hex-outputs needed). Then it generates the correct vocal harmony. For example, if you're singing an A over the chords that are generally found in the key of G, Vocalist will harmonize with a C. But, if you then play an A major, Vocalist will shift to the C#...because like any good harmony singer, it listens to the guitar!

**With musIQ, forget about the technology - just sing and play!**

Patent-pending musIQ™ technology combines new Note Detection algorithms with state-of-the-art Harmony Generation. The Note Detection section analyzes complex guitar waveforms and determines which notes in each chord are critical to accurate harmony. This information is then fed to an advanced harmony engine that creates harmonies consistent with both the singer's melody and the underlying guitar accompaniment.

This totally new, musically-intelligent hybrid of traditional chordal and scalar harmony modes means that Vocalist Live musIQ harmonies stay true to not only the overall key and song scale, but also localized variations due to chords that aren't part of the global key. You've never heard anything like it!

Powered by:

**musIQ™**

MusIQ is a trademark of 3dB Research

THE POWER TO CREATE



# Vocalist® Live 2

## Front Panel Diagram

Introducing the most vocal harmony technology ever offered in such a simple-to-use (and super affordable) package. The Vocalist Live 2 gives you perfect 2-part harmony behind your vocals. A separate EFFECTS footswitch activates voice enhancements such as reverb and compression. Choose from ¼" stereo outputs or a balanced XLR mono output.



### Status Lights

for Guitar Signal, Phantom Power (for condenser microphones) and Vocal Signal

### Guitar Tuner Note Indicators

### Harmony Mix Controls

Adjust harmony level with knob; select unison, 3rd or 5th above or below with buttons. LED indicators show you the selected voicing in low-light performance situations

### Compressor

smooths out your vocal levels so you don't overdrive your PA system

### Reverb and Enhance

/EQ controls with multiple settings enhance your vocals

### Effects Pedal

lets you add Reverb, Compression and other effects with the tap of a toe. Hold down the pedal and turn on Vocalist Live's built in Guitar Tuner

### Harmony Pedal

controls with most powerful harmonizing software in the world

### Solid metal chassis

construction worthy of the stage or practice room

# Vocalist® Live 4

## Front Panel Diagram

### 2+10 Character LED Display

Large and highly visible displays for use in low-light conditions

### Program Storage

Recall and save up to 50 factory or user programs

### Status Lights

for Stereo Out, Guitar Signal, Phantom Power (for condenser microphones) and Vocal Signal

### Key Change Buttons

Move key up or down or major to minor

### Built-in Mixer

Vocal, Harmony and Guitar level controls

Vocalist Live 4 gives you ultimate control over MusIQ harmonizing technology. Save harmony settings (such as 5th or 3rd above or below) as well as effects as one of 50 user presets. Then step through the UP and DOWN pedals. Finetune effects and pitch correction with five separate knobs; mix your vocal harmony and guitar with individual level controls. Stereo ¼" and XLR outputs.

### Effects Matrix

Vocal enhancement effects matrix lets you adjust up to five parameters of Preamp, Compressor/Gate, EQ, Lead Effects, Harmony, Reverb, Echo Delay and Guitar effects

### Effects Pedal

lets you add Reverb, Compression and other effects with the tap of a toe.

### Preset Up/Down Pedals

hands-free access to presets without reaching down to change programs

### Solid metal chassis

construction worthy of the stage or the practice room

### Harmony Pedal

controls with most powerful harmonizing software in the world

**Accurate vocal harmonies even with complicated songs... because only Vocalist Live tracks guitar chords, not your voice.**

# Vocalist® Live 2

## Rear Panel Diagram

Selectable **Phantom Power** for condenser microphones

**Guitar Ground Lift** isolates signal ground to reduce noise

Balanced XLR **Mono Out**

**Microphone Input** with preamp and level control

**1/4" Line Input**

**1/4" Guitar In** and **Guitar Thru** to provide an analog unprocessed path for your guitar signal

### Features:

- ▶ 2-part vocal harmony with no programming – just sing, play and let Vocalist Live 2's groundbreaking MusIQ™ technology do the rest
- ▶ Selectable voicing: unison, 3rd, 5th-above or below your lead vocal
- ▶ Vocal enhancement effects matrix with Compressor, Reverb and EQ/Enhance controls
- ▶ Separate Harmony and Effects pedals
- ▶ On-board guitar tuner
- ▶ XLR mic /line input with level adjustment, low-noise preamp and 48V phantom power
- ▶ 1/4" guitar input, 1/4" guitar pass-through and Guitar Ground Lift switch
- ▶ 1/4" stereo outputs and mono XLR line out
- ▶ Road-rugged, all-metal chassis
- ▶ Power supply included



**Skip complicated programming and having to analyze each song chord-by-chord; simply...**

- ① Plug in your microphone and guitar
- ② Pick a unison, 3rd, or 5th-above or below harmony preset
- ③ Sing and play – when you want harmony, just step on the footswitch!

# Vocalist® Live 4

## Rear Panel Diagram

Selectable **Phantom Power** for condenser microphones

Optional **Expression** jack

**Stereo/Mono Output Selector**

Balanced XLR **Stereo Outputs**

**Microphone Input** with preamp and level control

**1/4" Line Input**

**1/4" Stereo Line Outputs**

**1/8" Stereo Headphone Input**

**1/8" Aux Input** for CD or MP3 players

**Guitar Ground Lift** isolates signal ground to reduce noise

**Guitar Thru** provides an unprocessed path to your amp

### Features:

- ▶ Up to 4-part vocal harmony with no programming or learning curve
- ▶ Built-in mixer with Vocal, Harmony and Guitar level controls
- ▶ Pitch correction with four adjustable parameters
- ▶ Guitar Reverb and Chorus with four adjustable parameters
- ▶ Vocal enhancement effects matrix lets you adjust parameters
- ▶ Store and recall up to 50 User/Factory presets.
- ▶ 2+10-character LED display
- ▶ Major/Minor and Key Change Up/Down buttons with LED display
- ▶ Harmony, Effects and Preset Up/Down pedals
- ▶ On-board guitar tuner



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