WAVES

eMotion LV1
Classic

The **new** live mixing console by Waves.

Introducing The First Fully Integrated Live Mixing Console By Waves.

64 stereo channels / 44 stereo buses.

16 Waves Signature Preamps.

Industry-leading sound & processing.

Now in a classic console form factor.

eMotion LV1 Classic builds upon the industry-proven quality of the Waves LV1 mixer engine, and delivers its advantages in the preferred console workflow of live sound engineers worldwide.

With a pristine-sounding mix engine, quick-access UI, and the industry's deepest integration of state-of-the-art processing, LV1 Classic packs more live mixing power into a compact console than ever before.

Maximum Mixing Power

More live mixing power packed into a compact console than ever before.

Industry-leading Sound: : Double Precision 32-bit floating point mix engine (44.1–96 kHz). Original-design Waves Signature Preamps.

Intuitive Control: Quick-access UI with 21.5" multi-touch screen and 16+1 all-new 100mm faders, allowing efficient control of more of what matters in a mix.

Included Waves Processing: LV1 Classic comes with industry-favorite Waves processors for live vocal tuning, dynamic EQ, feedback control, compression, analog saturation, FX and more

The Industry's Most Powerful Processing Upgrades: Add 160+ more Waves plugins, immersive in-ear mixing, Dugan auto-mixing.

Easy Scalability: Effortlessly add I/O and DSP, easily network multiple LV1s.

Maximum Portability: Compact & lightweight at just 38 lbs., allowing to take the console on any commercial flight.

Industry-Leading Sound

The LV1 Mix Engine:
Pristine Sound Fidelity

Double Precision 32-bit floating
point digital mix engine

Unmatched clarity and headroom

Proprietary mix engine design
leverages Waves' Tech
Grammy®-winning expertise
in digital signal processing

Powered by Waves
Signature Preamps

16 onboard Waves Signature Preamps

Original Waves design with full discrete analog circuits

Lightning-fast transient response, incredibly low noise floor,
maximum clarity and headroom

Choose between pure transparent preamp sound and rich
harmonic enhancement per input

Intuitive Control.
User-Friendly UI.

Large 21.5" multi-touch screen for quick & intuitive control

16+1 all-new 100 mm Alps faders

Smart software/hardware design ensures quick access to essential mixer functions and user-defined actions

2 independent software Mixer windows allow greater versatility in what you can view and control at any given time

Detailed customization of Mixer & Channel views and channel functions

Run any processor directly on any channel or bus

Instant visual feedback including integrated LCD metering per channel

Control LV1 from anywhere in the venue with remote apps

Included Waves Processing

Built-in processing with Waves' industry-proven processors

Processing handled by powerful internal Waves DSP engine

All processors available for use on all input channels +
all other mix channels, via 8-slot processing rack per channel

Plugins included with the console:

Real-time Vocal Pitch Correction: Waves Tune Real-Time

Dynamic EQ: Waves F6 Dynamic EQ

EQ & Filters: Waves eMo Q4, eMo F2, GEQ 30-band EQ

Dynamics: Waves eMo D5, Renaissance Compressor

Feedback Elimination: Waves X-FDBK

Mic Bleed Suppression: Waves PSE

Analog Saturation: Waves Magma Tube Channel Strip

Effects: Waves H-Delay, R-Verb, TrueVerb, Doubler

Low End Control: Waves Renaissance Bass

Amp Simulation & Effects: Waves GTR3

The Industry's Most Powerful Processing Upgrades

Grammy-winning Plugins Cover Every Need

Waves processors are staples in both studio production and live sound: Add from a vast catalog of over 160 plugins, unmatched in quality and diversity.

Immersive In-ears at the Click of a Button

Deliver immersive in-ear mixing with the eMo IEM software-only upgrade: no extra hardware required. Performers on stage control immersive 360 panning from LV1's mobile app, MyMon.

Dugan Auto-mixing

Automatic real-time gain control for up to 64 mics, with UI fully integrated into the console.

Easy Scalability

Effortlessly add:

More I/O with Waves IONIC 24 and IONIC 16 stage boxes

More DSP: Add up to 3 additional SoundGrid servers (+4 more for back-up)

Dante and **MADI** expansions available

External touch screen

More physical fader banks

Easily network multiple LV1 Classic consoles, with easy I/O sharing and real-time gain tracking

IONIC Stage Boxes Powered by Waves Signature Preamps

The LV1-ready IONIC stageboxes boast the same pristine sound as LV1 Classic, with maximum headroom, exquisite dynamics, and optional HMX harmonic enhancement per input.

Lorem ipsum

Maximum Portability

Compact form factor for easy travel
and convenient placement at any venue:

15.8" H x 22.1" D x 22" W
(402 mm H x 561 mm D x 560 mm W)

Lightweight at just 38 lbs. (17.2 kg)

Take on commercial flights: Total weight of
console in SKB flight case is just 69 lbs. (~31 kg)

Deploy easily in space-constrained live setups

Ready For
Houses Of Worship

Intuitive At All Skill Levels

LV1 Classic's UI is designed to be intuitive for everyone from seasoned live sound engineers to church volunteers.

Tools To Tackle Every Challenge

Challenging acoustics? Feedback and noise? Multiple speakers? Even slightly off-pitch vocalists? LV1 Classic comes with the tools to solve any live sound scenario.

Easily Grow As Your Needs Expand

LV1 Classic-centered systems are easy to scale up as a church's needs grow—including adding I/O, networking multiple consoles at FOH and broadcast, and more.

Technical Support 7 Days A Week

LV1 Classic makes quick remote support possible with built-in Team Viewer. Waves Tech Support offer assistance 7 days a week.

"For a church, to have LV1 Classic's form factor, sound fidelity and flexible processing options, is the perfect solution in so many ways."

Jeff Sandstrom, MxU

Key Features

- 64 mono/stereo input channels

- 44 mono/stereo buses: 8 groups, 24 auxes, 8 matrices, 3 master, cue

- Double Precision 32-bit floating point mix engine (44.1–96 kHz)

- Latency as low as 0.8 ms

- 21.5" multi-touch screen with 1000 Nit brightness

- 16+1 motorized 100 mm Alps faders

- 16+1 precision encoders, with mini-displays including per-channel LCD
  metering, and Select/Mute/Solo keys

- 16 layers with utility keys and tempo pad

- 16+2 customizable keys

- 16 Waves Signature Preamps with mic/line inputs

- 12 line outputs, 2 AES3 outputs, AES3 SRC input

- Internal SoundGrid DSP engine handles processing

- Add up to 3 processing servers and 4 backup servers

- Premium Waves IONIC stage boxes available for LV1

- Add more IOs: Up to 14 SoundGrid-compatible devices including
  Dante and MADI convertors

- 4 SoundGrid switch ports: 2 Ethercon + 2 Rj45

- Hi-power H/P output with ¼" jack + minijack

- HDMI / 8 USBs / remote network

- 12v XLR4 lamp option

- Dual power supply for redundancy

- 8-slot rack hosts 8 plugins per input channel + all mix channels

- Plugins included with the console: Waves Tune Real-Time, F6 Dynamic EQ, eMo Q4 EQ, eMo D5 Dynamics,
  eMo F4 Filter, GEQ, X-FDBK, Primary Source Expander, R-Comp, R-Bass, H-Delay, Doubler, R-Verb, TrueVerb,
  GTR3, Magma Tube Channel Strip, eMo Generator

- 160 additional award-winning Waves plugins available as upgrades

- Immersive in-ear mixing available as software upgrade (eMo IEM)

- Dugan auto-mixing available as software upgrade

- Custom options for mixing layout

- Intuitive control over each channel's parameters

- Patch system-wide connections

- Custom colors per channel

- Unicode multi-language support

- Up to 1000 scenes with Recall Safe and Scope Filters

- 8 Mute groups and 16 Link DCAs with Spill function

- Digital preamp control with local V-Gain tracking for sharing

- Multiple outputs per channel with delay alignment controls

- Record 16 tracks locally to USB / 128 tracks to remote computers

- Stereo playback from USB

- Remote control apps for mobile & tablet, for both FOH and stage

- Size: 22" (560 mm) x 15.8" (402 mm) x 22.1" (561 mm)

- Weight: 38 lbs. (17.2 kg)

- 2-year warranty (2nd year upon registration)