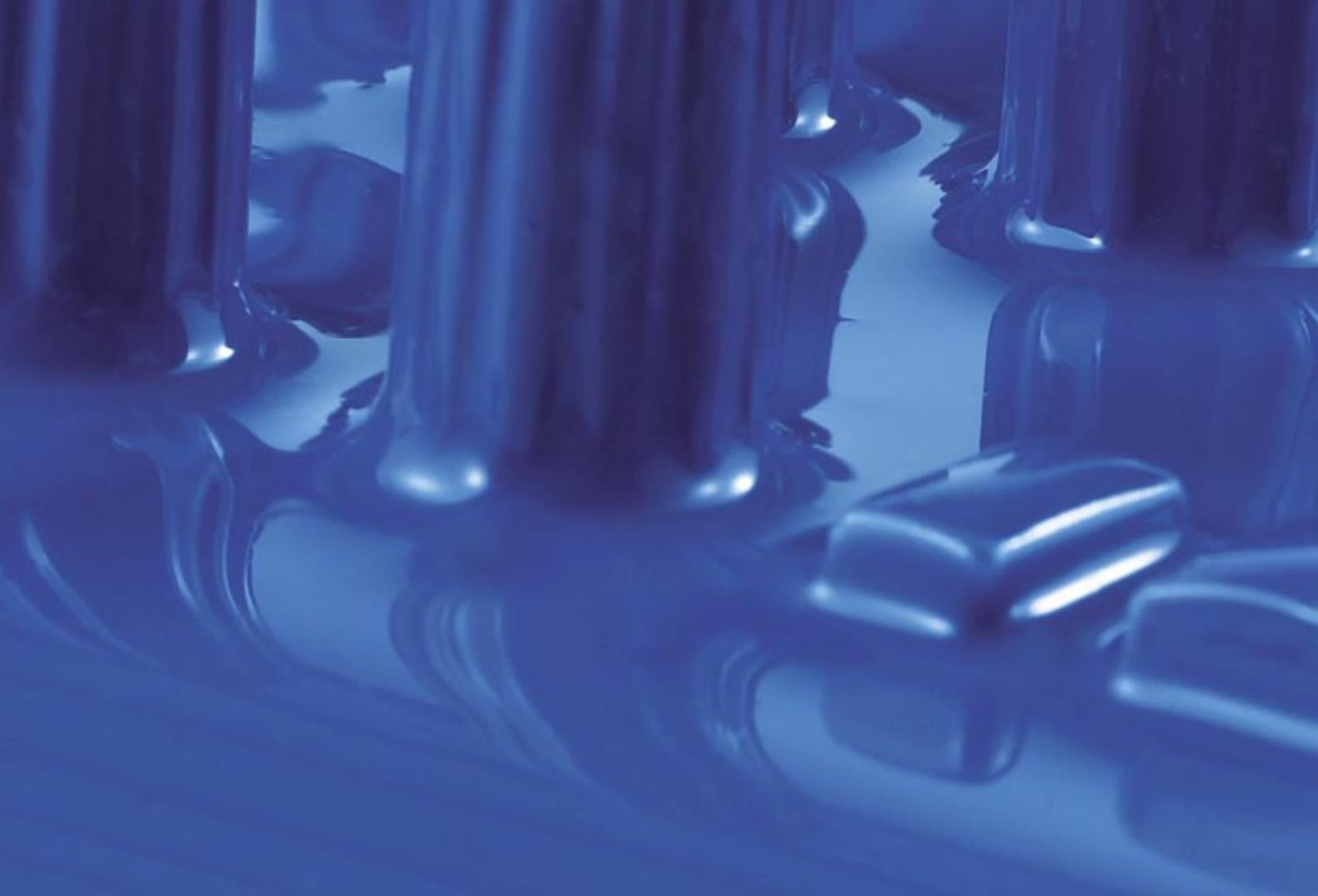




ALESIS | 05





touch the sound of...

blue

Ever since sparking the revolution in home recording, Alesis has been dedicated to creating products that make professional performance accessible to all musicians. Like the pure blue of the Alesis logo, that spirit of innovation continues to this day and can be seen, felt, and heard in our ever-expanding line of music and recording products.

We believe that when you make music, your equipment should inspire the creative process—not get in the way. That's why we design our products to be a fluid extension of the way you work—a pure connection between inspiration and music. Alesis products let you focus on performing, recording, and creating. After all, it's not about the gear, it's about the music. And Alesis is serious gear for when you just want to make music.







recording

When you are recording, reliability is vital. You don't want to have to second-guess your recorder, or spend valuable time troubleshooting. When you perform great music, Alesis products are ready to capture it—all the time, and in spectacular digital clarity. Experience digital recording the way it should be—transparent, easy, and rock-solid. Alesis digital recording products are as dedicated to recording as you are.

adat HD24

SONG
SEL

NEW
SONG

DEL
SONG

NAME

adat hd24xr & hd24

When it's time to record, you want stability and security. The HD24 offers the best of both worlds for today's musicians and engineers with pristine sound quality, and ease of use operation to capture your music when the inspiration strikes. The HD24 also makes it easy to move your recorded tracks to your computer with our Ethernet and FirePort technology.



ADAT HD24XR & HD24 Features

- › 24-track, 24-bit digital audio recording at 48kHz, 12 tracks at 96kHz-High sample rates for pristine audio. Digital: 44.1–96kHz. Analog: 44.1–96kHz (HD24XR), 44.1–48kHz (HD24).

Upgrade the HD24 to 96kHz analog and XR-quality converters with the EC-2

- › Connections include 24 balanced 1/4" analog inputs and outputs, plus 24 channels of ADAT Optical I/O

- › Dual recording bays utilize standard low-cost, removable IDE drives so media costs don't break the bank

- › Internal editing capabilities include cut, copy, paste, and track move with undo. Use the built-in Ethernet port or optional FirePort 1394 FireWire interface to easily send files to a computer DAW

- › Instant random access to audio using ADAT/FST™ (File Streaming Technology).

- › Multiple units can be synchronized to create a larger system, and easily integrated into an existing ADAT system

- › Everything you need for a world-class digital recording setup is standard: MIDI in/out, MTC out, Ethernet, ADAT Sync in/out, and Word Clock in. Comes with Alesis LRC remote control, optional dedicated remote control available.

cd twin

The CD Twin is a standalone audio and data CD duplicator with a 52X burn mechanism that make one-button CD copies, as well as compilations from several audio CDs. Stereo line outputs and a headphone jack allow monitoring of audio.

CD Twin Features

- Stand-Alone CD duplicator
- Smart "One-Touch" CD-to-CD Backup
- Easy to use interface also allows you to make a custom music CD using your favorite songs
- USB 2.0 Connection allows the CD-Twin to also operate as an external CDRW drive
- Built-in headphone and line-level outputs allows the CD-Twin to work as a stand-alone music CD player
- Integrated LCD control panel makes it easy to perform track-by-track or whole-disc copying
- Designed to archive music, data, photo, and CD+G compact discs
- Includes Nero backup software for your Windows PC



adat hd24 fireport 1394

ADAT HD24 Fireport 1394

- Compatible with HD24 and HD24XR drives
- Hot-swappable docking station with standard IEEE 1394 FireWire interface.
- Up to 400Mb/second FireWire audio transfer from ADAT/ FST-formatted drives to computer and back
- FST/Connect software included for easy audio transfer and file management, including create/copy/delete on target drive
- Convenient desktop design with inline switching power supply



adat hd24 caddy

Since the HD24XR and HD24 can use any low-cost IDE drive, it's finally affordable to have a new hard drive for every project, or to use hard drives for backup.



masterlink ml-9600

Scores of major studios count on the Alesis MasterLink as their mix recorder of choice because it sounds fantastic and makes organizing mixes convenient. With your mixes consolidated on the MasterLink's internal hard drive, it's easy to create mastered audio CDs, or high-resolution CD24 formats up to 96kHz—all without tying up your computer. When it comes to archiving your mixes, the MasterLink is the best. With the ability to record from analog or digital sources, the MasterLink is your studio's link to great-sounding mixes.



MasterLink Features

- > Huge internal 2-track hard disk recorder with up to 30 hours of stereo audio capacity Burn CDs using standard Red Book (16-bit/44.1kHz) and high resolution CD24 formats (up to 24-bit/96kHz)
- > Choose any combination of digital resolutions (16-, 20-, and 24-bit) and sample rates (44.1, 48, 88.2, and 96kHz) with full AIFF compatibility
- > Organize song playlists with total control of fade-ins, fade-outs, track gain, start points, and track cropping
- > Onboard digital signal processing includes compression, parametric EQ, limiting, and normalization
- > Uses inexpensive, readily available CD-Rs
- > All the right connections. Digital: AES/EBU in/out, coaxial RCA in/out. Analog: +4dBu XLR in/out, -10dBV RCA in/out



ai4 & ai3

Alesis audio interfaces provide extended flexibility to setups using ADAT Optical. The AI4 offers two-way AES/EBU to ADAT Optical conversion, and the AI3 provides analog to ADAT Optical A/D/A conversion. Both units support eight audio channels and 24-bit operation. Remember, Alesis invented the Lightpipe optical format. You can be assured that the stability of our interfaces is the best.

AI4 Features

- 8-channel, 24-bit AES/EBU to ADAT Optical audio interface
- Full duplex AES/EBU transmit and receive up to 96kHz
- sample rate 4 AES/EBU ins and outs, 2 ADAT Optical ins and outs, and BNC Word Clock in
- Internal switching power supply

AI3 Features

- 8-channel, 24-bit analog to ADAT Optical audio interface
- Pristine 24-bit, 128x oversampling A/D/A converters
- 8 1/4" ins and outs (switchable +4dBu balanced or -10dBV unbalanced), ADAT optical in and out



ANDROMEDA

HOLD



synths

From the mighty prowess of the Andromeda to the feisty dynamism of the Micron, Alesis knows synthesizers. Powerful, remarkably easy to use, and with the best sound engines in the industry, Alesis synths are guaranteed to fuel your inspiration. From classic instruments to other-worldly timbres, Alesis keyboards bring you exciting sounds for whatever kind of music you are playing.

a6 andromeda

Twist a retro-styled knob and make the synced oscillators in your lead fight with a beautifully organic edge. Sink your hands into the aftertouch keyboard and make a mellow pad growl. Run your finger across the ribbon controller and move a resonant filter over a mesmerizing arpeggiation. Revel in the direct connection to glorious analog sound. The Andromeda gives you the power to create a huge variety of unique sounds and complex soundscapes.



A6 Andromeda Features

- › Real analog synthesis with full MIDI implementation
- › 16-voice polyphony, 16-channel multitimbral capability
- › Each voice features 2 oscillators and 2 classically derived resonating filters. External audio inputs can route any signal through filters
- › 61-key semi-weighted keyboard with velocity, release velocity, and aftertouch. Ribbon controller offers multiple, assignable functions
- › Backlit LCD window with real-world parameter values (including time, frequency, and BPM) and high-resolution graphics
- › Built-in arpeggiator and analog-style sequencer with MIDI sync. High-quality digital effects including reverb, chorus, and echo, plus a built-in analog distortion circuit
- › 256 preset and 128 user-defined programs, with PCMCIA memory card slot for additional programs and mixes

qs8.2 & qs6.2

For composing, sequencing, and recording, nothing beats QS keyboards for their expansive, high quality sound banks of essential instruments and percussion. Easy to program and easy to play, these keyboards let you get the sounds you need fast so you can focus on the music. 640 programs are built in, and you can get even more great sounds from the library of QCards. For those who value true piano feel, the QS8.2 delivers 88 keys with hammer action.



Q-Card Library



QS8.2 & QS6.2 Features

- True 64-voice polyphony
- QS8.2 features an 88-key, fully-weighted hammer-action keyboard with velocity and release velocity. QS6.2 has a 61-key synth-action keyboard with velocity, release velocity, and aftertouch
- 16MB of internal sound ROM (640 programs, 500 multitimbral mixes) including Alesis' acclaimed Stereo Grand Piano sound
- Q-Card expansion slot for adding 8MB of new samples and programs from the Q-Card library
- Onboard 4-buss multi-effects with reverb, chorus, distortion, EQ, delay, rotary speaker simulation, and more
- 4 edit/control sliders, pitch and mod wheels. 2 assignable pedal inputs plus sustain pedal input

ion & micron

The Ion and Micron synths both have 500 million instructions per second processors to provide the serious horsepower needed for precise analog synth emulation. Both have 8 polyphonic voices each built from 3 oscillators, 2 multi-mode filters, 3 envelope generators, 2 LFO's, programmable effects send and a modulation matrix. There also is a built-in 40 band Vocoder. The Ion is designed for massive real-time synth control with 360 real-time knobs with 12bit resolution. The Micron has the same synth power as the Ion, and also has additional features focused on interactive performance such as rhythm and sequencing.

Ion Features

- › 8 voices, 4 parts of stunning analog-modeled sound
- › 512 preset programs, 32 multibrual setups, all user-rewritable
- › 3 oscillators with continuously variable wave shapes, oscillator sync, and FM per voice. 2 multimode filters per voice with 16 filter types to choose from
- › 2 LFOs and a separate sample & hold generator per voice, plus arpeggiator with multiple direction and 32 rhythm patterns — all syncable to MIDI clock
- › 4 simultaneous mono/stereo "drive" effects (1 per part), stereo master effects (shared) including 40-band vocoder

Micron Features

- › Industry-leading ION analog-modeling sound engine in a compact package
- › 8 voices, each with 3 oscillators, 2 multimode filters, 3 envelope generators, 2 LFOs, sample and hold, and tracking generator
- › 4 multibrual parts
- › Programmable step sequencer and arpeggiator
- › Programmable rhythm sequencer for drum kits
- › Dynamic realtime phrase sequencer
- › Stereo buss effects, including reverb and 40-band vocoder
- › 1/4" balanced stereo analog outputs and inputs with 24-bit conversion





sr-16 & dm5

Dynamic Articulation™ technology gives Alesis drum products unmatched realism. Just like real drums, the harder you play, the more the timbre changes. The SR-16 continues to be hugely popular thanks to its realistic sound and straightforward operation. The DM5 provides a huge collection of drum sounds and includes 12 trigger inputs for attaching real drum pads.



DM5 Features

- › 21 programmable drumsets with 61 sounds each
- › 8MB sound ROM for 548 top-quality drum and percussion sounds
- › Full MIDI implementation for use with sequencers or MIDI controllers
- › 4 independent 1/4" audio outputs. 12 super-fast drum trigger inputs with adjustable parameters

SR-16 Features

- › 12 velocity-sensitive drum pads
- › 233 studio drum and percussion sounds including kicks, snares, toms, cymbals, and hi-hats
- › 50 preset patterns created by top studio drummers. Preset drum fills and rhythmic variations. 100 spaces for complete user-created songs
- › Full MIDI implementation for use with sequencers or MIDI controllers
- › 4 audio outputs and a start/stop footswitch input



monitors

Long known for best-selling studio monitors, Alesis introduces a new generation of digital studio monitors. ProLinear DSP monitors let you control your listening environment and hear your mixes like never before. Someday, all studio monitors will have this level of power. For now, discover what it's like to listen with ProLinear. It's yet another great-sounding reference monitor from Alesis—now with built-in LCD interface.



A close-up photograph of a black Alesis speaker. The speaker's surface is dark and has a blue liquid spill on it. The spill is irregular in shape, with a larger puddle near a circular port and a smaller, more circular drop to the left. The Alesis logo is printed in white on the speaker's face. To the right, a portion of a speaker grille is visible. The lighting is dramatic, highlighting the texture of the speaker and the sheen of the liquid.

ALESIS



prolinear series

Imagine being able to listen critically to your mixes by scrolling through popular speaker emulations; tune out room resonances with built-in digital parametric EQ; and easily tweak the sound of every monitor in a multi-monitor set-up.

ProLinear DSP monitors can be linked together and to a computer with common 9-pin serial cables, providing 16 channels of control. You can adjust all connected monitors from any one of the built-in LCD interfaces, or right from your studio's "sweet spot" using your PC and included software.

Bi-amplified with 120 watts of power, all ProLinear monitors incorporate digital crossovers for maximum efficiency and time-alignment. The result is extremely accurate and non-fatiguing sound. Now you can really listen.

820DSP Features

- 8" woven Kevlar® woofer and 1" silk dome tweeter
- True two-way bi-amplified design with audiophile-quality 80W amp for the woofer and 40W amp for the tweeter
- 100% digital crossover marries system components and provides extraordinary detail, imaging, and frequency response
- Built-in fully parametric 4-band EQ with 8 presets and 8 locations for user programs
- 24-bit/48kHz I/O with 28-bit built-in DSP
- Serial port and Win XP/2000/ME/98/95 software allows computer control of up to 16 speakers
- Magnetically shielded for use near computer or video monitors
- Combination XLR-1/4" input jack

820 Features

- 8" woven Kevlar® woofer and 1" silk dome tweeter
- True two-way bi-amplified design with audiophile-quality 80W amp for the woofer and 40W amp for the tweeter
- 4th order active crossover for extraordinary detail, imaging, and frequency response
- 100% digital crossover marries system components and provides extraordinary detail, imaging, and frequency response
- Magnetically shielded for use near computer or video monitors
- Combination XLR-1/4" input jack

720DSP Features

- 7" woven Kevlar® woofer and 1" silk dome tweeter
- True two-way bi-amplified design with audiophile-quality 80W amp for the woofer and 40W amp for the tweeter
- 100% digital crossover marries system components and provides extraordinary detail, imaging, and frequency response
- Built-in fully parametric 4-band EQ with 8 presets and 8 locations for user programs
- 24-bit/48kHz I/O with 28-bit built-in DSP
- Serial port and Win XP/2000/ME/98/95 software allows computer control of up to 16 speakers
- Magnetically shielded for use near computer or video monitors
- Combination XLR-1/4" input jack

720 Features

- 7" woven Kevlar® woofer and 1" silk dome tweeter
- True two-way bi-amplified design with audiophile-quality 80W amp for the woofer and 40W amp for the tweeter
- 4th order active crossover for extraordinary detail, imaging, and frequency response
- 100% digital crossover marries system components and provides extraordinary detail, imaging, and frequency response
- Magnetically shielded for use near computer or video monitors
- Combination XLR-1/4" input jack

m1 active mkii & monitor one mkii

Loved the world over, the M1 Active MKII and Monitor One MKII monitors continue their longstanding popularity because of their excellent sound quality, which rivals monitors costing twice as much. Whether you need active or passive monitors, both of these monitors have withstood the test of time for delivering the accurate sound you need for real world mixing.

Monitor One MKII Features

- Great-sounding, super-flat frequency response for critical reference monitoring
- Overcomes small monitor "choking" with SuperPort™ speaker venting technology
- 6.5" low-frequency driver, 1" silk-dome tweeter. Wide frequency response (45Hz–18kHz) and high power handling (120W program/200W peak)
- Magnetically shielded for use near computer or video monitors
- Radiused corners for reduced edge diffraction
- 5-way binding post inputs

M1 Active MKII Features

- Accurate response, excellent imaging, flat frequency range
- True bi-amplified reference monitor for project and commercial studios.
- 6.5" non-woven carbon fiber woofer cone for quicker low-frequency transient response. 1" silk-dome tweeter, ferrofluid-cooled
- Audiophile-quality internal 75W (LF) and 25W (HF) amplifiers. 2kHz crossover point for wide dispersion and low midrange distortion
- Offset dual ports for coherent and extended low-frequency augmentation
- Magnetically shielded for use near computer or video monitors
- Combination XLR-1/4" input jack



proactive 5.1 & proactive 2.0

Whether you are mixing in surround sound or stereo, the ProActive series of active monitors offers effective solutions for everyday reference applications. The ProActive 5.1 delivers incredibly full surround sound perfect for project studios and consumer reference. The ProActive 2.0 powered monitors provide detailed stereo sound in a convenient, rugged design.

ProActive 2.0 Features

- Bi-amplified speaker system with active crossover
- 130 Watts System/65 Watts per speaker 45W LF, 20W HF (RMS)
- Small form-factor for easy portability and for desktops with limited space: 12" X 9.5" X 7" (310mm X 250mm X 180mm); 14 lbs (6.4 kg) each speaker
- Magnetically-Shielded Drivers to allow for placement near a computer monitor
- Balanced 1/4" TRS input with Gain Trim to handle most input level requirements
- Multi-positional cabinet design for horizontal or vertical placement
- Compatible with standard mounting brackets (not included)
- Frequency response: 60Hz-20kHz





ra series amplifiers

Studio reference monitors need stable, generous power. That's why Alesis designed the RA series of reference amplifiers. Attractive, yet built like tanks. Powerful, yet priced lower per watt than the competition. These amps feature advanced convection cooling to perform without the use of a fan, eliminating extra noise in the studio. Each model has 1/4" TRS and RCA input connectors, and the RA300 and RA500 add XLR inputs.



ProActive 5.1 Features

- › The world's most affordable, THX-certified professional 5.1 surround sound system
 - › RMS power to four satellite speakers, one center channel speaker, one 8" subwoofer with flared port for powerful, distortion-free bass
 - › Dolby Digital™ and DTS surround hardware decoding, Dolby Pro Logic II™ for creating realistic 5.1 sound from stereo input
 - › Optical and coaxial digital inputs, and 6 discrete RCA analog inputs for connection to virtually any audio source (RCA breakout cable included)
 - › Wireless remote control for adjusting the system from any listening position
 - › Unique brackets for standalone or wall-mounted speaker placement
 - › Headphone and 1/8" stereo mini jack line out on decoder







mixers

With functionality that leaves ordinary mixers in the dust, Alesis mixers feature innovations like built-in 28-bit digital effects, S/PDIF digital output, and flexible aux sends and secondary buss routing. Built on high-quality analog components, Alesis mixers are offered in configurations to suit any of your mixing needs. With so much mixing power built-in and ready to go, it has never been easier to set up and dial in a great sound. So you can think less about the gear and more about the music.

multimix series

When you are recording, chances are you want to capture your ideas in the computer? Why not? Now the addition of USB will allow you to integrate your MultiMix compact mixer into any computer and record on a number of digital multitrack programs. Talk about easy! MultiMix compact mixers give you 100 great-sounding reverb and effects presets, including delay, chorus, flange, pitch, and multi-effects—all without hooking up any extra gear. The 16USB, 12USB, and 8USB models even include digital outputs for direct connection to digital recorders and computers.

Every MultiMix mixer accommodates XLR microphones with phantom power, mono and stereo TRS line inputs, and RCA inputs. There is even 4-buss routing and pre- or post-fader aux sends. Such versatility makes MultiMix mixers excel as project studio consoles, computer recording front ends, and live sound mixers.

MultiMix 16USB Features

- › 8-bit digital effects built in
- › 100 onboard preset effects including reverbs, delays, chorus, flanging, pitch, and multi-effects
- › Internal DSP allows faster setup and greater portability without need to patch in external effects
- › 8 microphone/line inputs
- › Up to 50dB of gain
- › Switchable phantom power
- › Switchable 75Hz highpass filters
- › 3-band EQ on every channel
- › EQ all instruments individually for a great mix
- › Flexible signal routing
- › S/PDIF digital output
- › Mute sends signal to busses 3 and 4
- › 1 pre/post-fader aux send per channel (switchable)
- › 1 post-fader aux send/effects send per channel
- › Separate main and monitor outputs
- › Integrated USB audio interface, Plug and Play operation under Mac OSX and Windows

MultiMix 12/12USB Features

- › 4 high-gain mic/line (XLR and 1/4" balanced) inputs with phantom power, 4 stereo balanced 1/4" line inputs
- › 100 onboard preset effects including reverbs, delays, chorus, flanging, pitch, and multi-effects
- › 2 aux sends (aux 1 is pre/post-fader switchable, aux 2 is post-fader and can send to onboard or external effects), 2 stereo aux returns, 2-track stereo RCA in and out
- › Separate 1/4" balanced main and monitor outs, 44.1kHz S/PDIF RCA digital out on 12FXD, headphone out
- › Separate pan/balance, pre-fader listen/solo in place, and mute/buss switches for simple operation
- › 3-band EQ per channel with high/ low shelving and mid bandpass/reject
- › 8-segment LED stereo meters
- › Smooth 60mm faders
- › Integrated USB audio interface, Plug and Play operation under Mac OSX and Windows

MultiMix 8USB Features

- › Compact, ultra-affordable 8-channel mixer
- › 4 high-gain mic/line (XLR and 1/4" balanced) inputs with phantom power, 2 stereo balanced 1/4" line inputs
- › 100 onboard preset effects including reverbs, delays, chorus, flanging, pitch, and multi-effects
- › 2 aux sends (aux 2 is post-fader and can send to onboard or external effects), 2 stereo aux returns, 2-track stereo RCA in and out
- › 3-band EQ per channel with high/ low shelving and mid bandpass/reject
- › Separate 1/4" balanced main and monitor outs, headphone out
- › 8-segment LED stereo meters
- › Smooth 60mm faders
- › Integrated USB audio interface, Plug and Play operation under Mac OSX and Windows

MultiMix 6FX Features

- › Extremely compact, ultra-affordable 6-channel mixer
- › 2 high-gain mic/line (XLR and 1/4" balanced) inputs with phantom power, 2 stereo balanced 1/4" line inputs, aux send (can send to onboard or external effects), stereo aux return
- › 100 onboard preset effects including reverbs, delays, chorus, flanging, pitch, and multi-effects
- › 3-band EQ per channel with high/ low shelving and mid bandpass/reject
- › Separate 1/4" balanced main and monitor outs, headphone out





multimix 12r & zonemix 6

For those who don't need effects but want 12 channels of transparent Alesis sound (including 8 mic preamps) we offer the MultiMix 12R in a three-space rack. The ZoneMix 6 is a versatile one-unit rack mixer with 6 stereo line inputs (12 mono), two rear mic inputs and a front mic input with ducking, twomix zones, three 3-band EQs, and stereo input for daisy-chaining multiple units.

MultiMix 12R Features

- › Ultra-affordable 12-channel mixer in a 3U rack
- › 8 high-gain mic/line (XLR and 1/4" balanced) inputs with phantom power, 2 stereo balanced 1/4" line inputs
- › 2 aux sends (pre- and post-fader), stereo aux return, 8 1/4" inserts, 2-track stereo RCA in and out
- › Separate 1/4" balanced main and monitor outs, front-panel headphone out
- › Pan control, peak indicator, and 60mm fader on each channel
- › 2-band high/ low shelving EQ per channel
- › 10-segment LED stereo meters

ZoneMix 6 Features

- › 6 line, 1 phono, 3 mic inputs
- › Balanced mic inputs on front and rear panels
- › Mic 1 equipped with auto ducking, sensitivity adjustment, gain, and EQ controls
- › Easy front panel on/off switch for all inputs
- › Dual zone assign for all inputs
- › 2 zone outputs with gain, pan, EQ, and stereo/mono adjustment
- › Both zones equipped with unbalanced and balanced outputs with master gain reduction
- › Removable knobs with tamper resistant plugs available
- › Headphone output with volume control

sound reinforcement

Alesis makes it easy to get great sound for live music with GigaPack sound reinforcement packages. Choose your configuration of GigaMix powered mixer with built-in digital effects and ProVenue PA monitors for a perfect sound system that will cost less than buying the individual components.





gigamix & provenue series

GigaMix mixers include 100 28-bit digital effects for easily adding reverb and other effects to your performance. There is also 3-band active EQ on every input channel, 9-band graphic EQ, and master tape send and return for recording and playback. ProVenue PA monitors are rugged and versatile, offering multiple audio connectors and positioning options.





GigaMix Series Features

Three convenient sizes and power ratings

- 8FX: 8 channels and 400 Watts/4 ohms x2 (800 Watts total)
- 6FX: 6 channels and 300 Watts/4 ohms x2 (600 Watts total)
- 4FX: 4 channels (plus two summed stereo channels) and 200 Watts/4 ohms x2

28-bit digital effects built in

- 100 onboard preset effects including reverbs, delays, chorus, flanging, pitch, and multieffects
- Internal DSP allows faster setup and greater portability without need to patch in external effects

Generous channel and output EQ

- 3-band active (+/- 15dB) EQ on every channel

- Dual 9-band graphic EQ (single on 4FX)
- EQ all instruments individually, main output, and monitor output (except 4FX) for a great mix

High-quality mic preamps

- Switchable phantom power
- Huge 60dB of microphone gain
- Switchable 75Hz highpass filters

Rugged and portable

- Impact-resistant molded PPE chassis
- Dual recessed handles
- Mixer, effects, and power amp all in one unit

ProVenue 1501 & 1201 Features

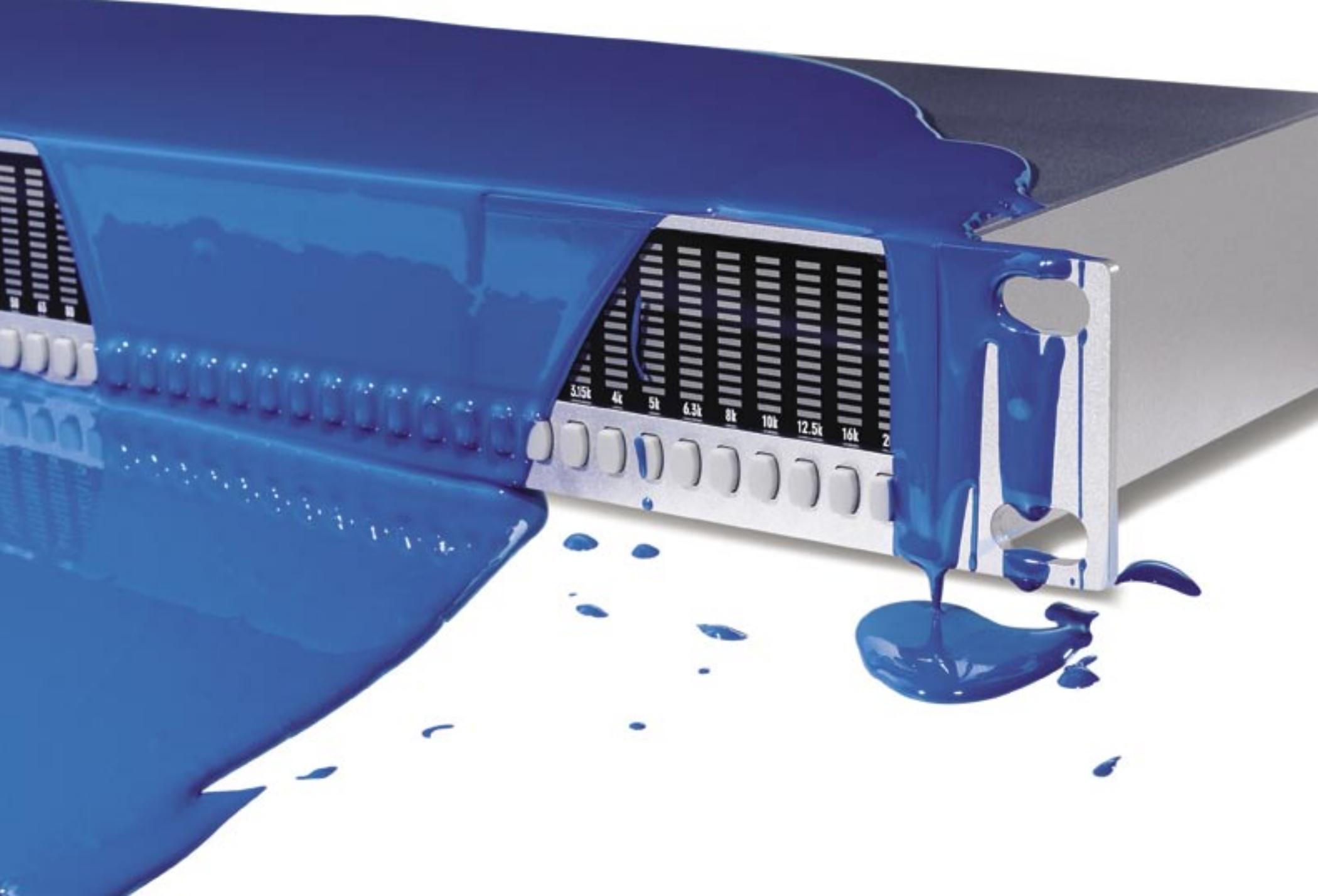
- Speakon® and 1/4" TS connectors for high compatibility with professional amplification systems
- Speaker-to-speaker daisy-chaining
- Attractive, powder-coated metal grill protects against damage
- Mounting features to support either flying or pole-stand hardware
- Recessed carrying handle for easy transport and storage
- Angled enclosure for operation as a floor wedge at 30 or 60 degrees
- 1" high-frequency compression driver with titanium diaphragm for brilliant, accurate sound fidelity
- Integrated high-frequency driver protection





signal processors

Alesis has long been a leader in great-sounding signal processors that are both powerful and easy to use. With digital graphic EQs that let you create perfect curves from preset templates, straightforward effects units that deliver rich reverbs, bang-for-the-buck compressors, and intelligent bass enhancers, Alesis provides vital tools for getting great sound easily.





deq series

The DEQ series of digital graphic equalizers lets you create, store, and recall EQ curves with unprecedented ease. Select frequencies with a single touch and simply adjust the levels. There are curve templates for a variety of common applications, as well as user-rewritable programs. A vivid LED matrix display clearly shows the EQ settings. The DEQ830 and DEQ230D models can even be set to RTA mode to display realtime frequency analysis.

DEQ Series Features

- › Stereo 1/3-octave digital graphic equalizer
- › Enhanced 24-bit sound quality, 28-bit internal processing.
- › At-a-glance display lets you instantly check settings for each band and channel.
- › Balanced 1/4" inputs and outputs, S/PDIF coaxial digital in and out (DEQ230D), MIDI in and out (DEQ230D)
- › 30 preset and 30 user programs for quick recall of any room
- › Bypass and channel A-B link controls
- › Internal power supply (DEQ230D)

grip & 3630 compressor

The Grip is a total bass management system featuring intelligent low-end enhancement. The Grip adds sub-bass in a way that harmonically matches the music, so the result is always tight bass—never muddled. A drive control lets you dial in subtle fullness or utter shudder, and there is a separate subwoofer output with adjustable crossover frequency. The Alesis 3630 is one of the most popular dynamics processors ever made, giving engineers everything they need in a two-channel compression unit. With two independent channels of compression, limiting, and noise gate, the 3630 makes it easy to refine the dynamics of live performances and recorded tracks.



Grip Features

- Perfect for DJs, dance club setups, large PA systems, and car audio
- Proprietary sub-harmonic synthesizer improves inherent low-frequency content and adds deep sub-bass
- Crossover controls frequency at which sub-bass processing begins.
 - Crossover button removes sub-bass signal from stereo outputs
- Bass drive controls threshold and release time for multiband limiters.
 - Turn up for more sustain, turndown for tight, punchy lows. Dedicated bass level and sub-bass level controls
- Lo cut knob adjusts steep highpass filter for tone changes and to protect speakers
- Balanced 1/4" stereo inputs and outputs, mono 1/4" sub-bass output
- 16-segment LED meters for input, gain reduction, and bass

3630 COMPRESSOR Features

- Independent dual mono or stereo-linkable compression
- Threshold, ratio, attack, release, and level controls for each channel
- Hard knee/soft knee compression curves and peak/RMS detection
- Threshold and rate-adjustable noise gate on each channel
- Dual 12-segment level/compression meters on each channel
- Sidechain input for ducking and de-essing

picoverb, nanoverb, midiverb, microverb

From our very first revolutionary digital effects processor, Alesis has been a leader in effects technology. The MidiVerb 4 and MicroVerb 4 deliver rich spatial and modulation effects in one rack mount units. The NanoVerb features a selection of our top algorithms with one adjustable parameter each, and the PicoVerb has 16 essential effects in a one-third space rack design that couldn't be simpler.



PicoVerb Features

- › Ultra-affordable digital multieffects unit
- › 16 presets including halls, rooms, plates, chorus, flange, delay, and rotary speaker
- › Stereo 24-bit 1/4" inputs and outputs. 28-bit internal processing, 48kHz sample rate
- › Perfect for studio and sound reinforcement applications
- › Super-compact 1/4-space rackmount

NanoVerb Features

- › Versatile preset reverb and effects in an affordable package
- › 16 programs including halls, rooms, plates, chorus, flange, delay, and rotary speaker simulation
- › One adjustable parameter in each program with front-panel control
- › Stereo 24-bit 1/4" inputs and outputs
- › Compact 1/3-space rackmount



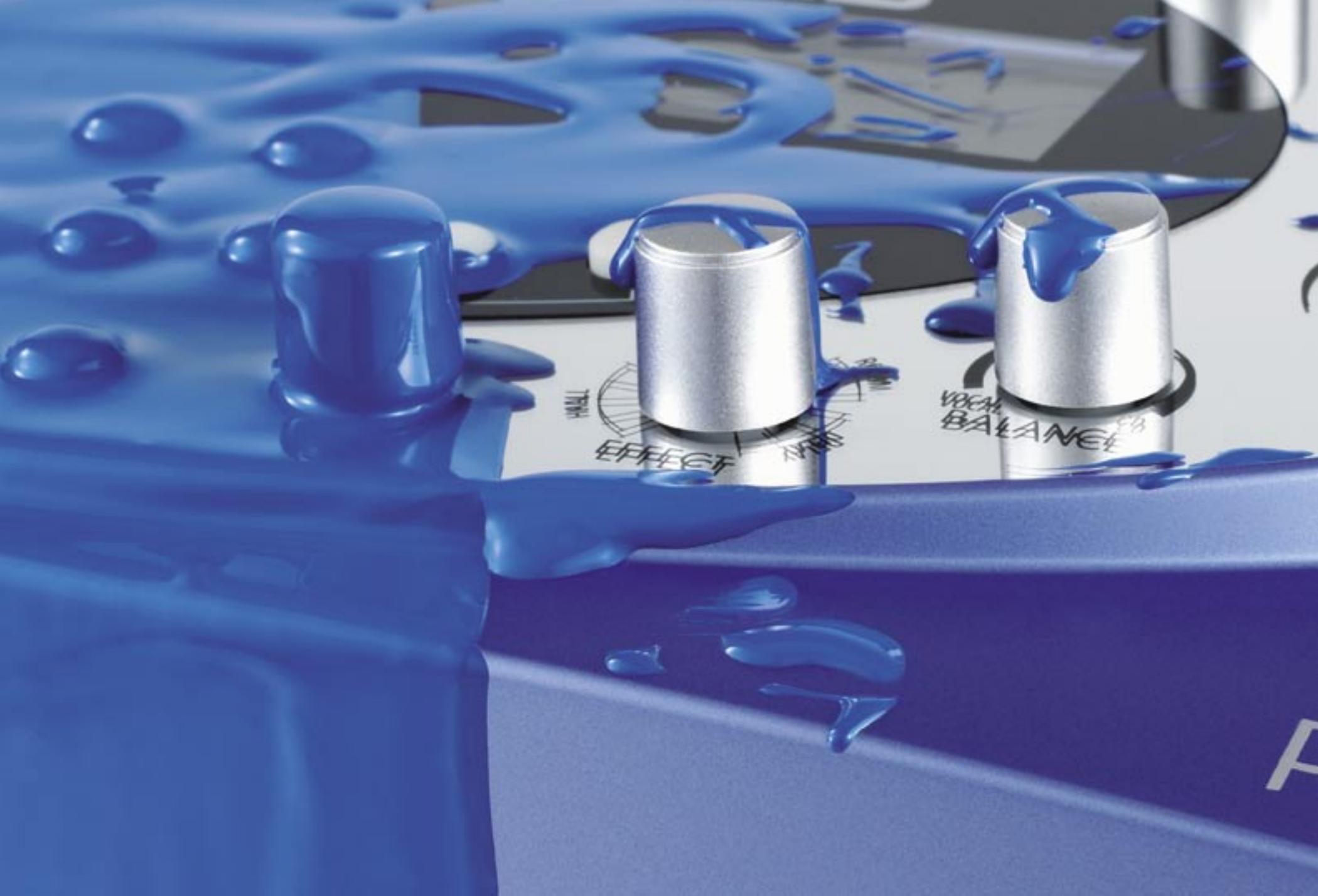
MidiVerb 4 Features

- › 18-bit, 48kHz digital quality
- › 256 programs of reverb, chorus, flange, delay, and pitch shift
- › Auto Level Sensing™ automatically sets optimum input level
- › MIDI controller routing and an assignable footswitch input for flexible control onstage
- › Ideal for project studios or instrument rigs



MicroVerb 4 Features

- › Multieffect and dual-send configurations
- › 200 programs of reverb, chorus, delay, and rotary speaker simulation
- › Two adjustable parameter control knobs for easy, user-storable editing
- › MIDI modulation and program changes





performance tools

Alesis makes performing more exciting. Discover great products that let you replace the lead singer on any stereo recording, or manipulate audio effects with a wave of your hand. Experience a power and control over sound you never thought possible with Alesis performance effects.

playmate guitarist

Powered by Alesis GuitarFX, the PlayMate Guitarist lets guitarists dial in the perfect sound for jamming along with any CD. The built-in CD player allows independent pitch, key, and tempo adjustment. Slow down the music to learn a passage, practice at faster tempos, or play in different keys at the original tempo. You can even tune the song to your guitar! A friendly one-function-per-knob design makes the Alesis PlayMate Guitarist a joy to use.



playmate vocalist

Experience singing like never before with the PlayMate Vocalist, an all-in-one vocal remover, CD player, and vocal effects processor. Just plug in a microphone, replace the original vocal with yours, and add vocal effects to match the ambiance of the song.



PlayMate Guitarist Features

- Full-range guitar effects processor with 80 editable multi-effects
- Play guitar along with your CDs, in any key, at any tempo
- Built-in CD player with independent control over key, pitch, and tempo
- Transpose music ± 7 semitones, or half-steps
- Fine-adjust pitch $\pm 8\%$ to tune music to your guitar
- Adjust tempo from 50% to 150%
- Hi-Z 1/4" guitar input
- 1/4" stereo direct input (bypasses effects processing)
- 1/4" stereo line output
- Two 1/4" headphone outputs
- Guitar/CD balance control
- Easy looping of song sections
- Compatible with CD, CDR, and CDRW discs
- Internal power supply

PlayMate Vocalist Features

- Reduce vocals from any CD
- Built-in CD player with independent control over key, pitch, and tempo
- Sing to all your favorite music that you already own, never buy a specialty karaoke CD again
- Adjust the pitch of the music without affecting tempo
- Transpose music ± 7 semitones (or half-steps)
- Adjust pitch $\pm 8\%$
- Adjust the tempo of the music from 50% to 150%
- High-quality DSP algorithms built in to match the ambiance of the music
- Easy looping of song sections
- XLR microphone input
- Two 1/4" headphone outputs
- 1/4" balanced stereo line outputs
- Internal power supply

airfx

airFX is an ingenious performance-oriented effects processor. Just slide your hand through the invisible 3D orb formed by our Axyz™ infrared technology to modify the sound of any audio source. Control 50 high-quality effects from vinyl to vocoder, flanger to filters, and everything in between. airFX brings you a new dimension of sound exploration.



airFX Features

- Unique user interface with patent-pending Axyz 3D infrared controller
- airFX features 50 programs for pitch shifting, vocoding, distortion, filtering, flanging and phasing, tremolo, record scratching, talking drums, and more
- Large encoder for program selection, freeze, and bypass. Threaded hole on the bottom of each unit for easy mounting on mic stands
- 24-bit stereo RCA outputs. Stereo RCA inputs allow pass-through of external signals, allowing units to be combined with each other or CD players without a mixer



vocal zapper

This vocal remover can't be beat for ease of use, accuracy, and value. With the ability to precisely remove vocals from any CD or other stereo music source, the Vocal Zapper features 16 unique algorithms that allow optimal removal of lead vocals from various types of mixes.

Vocal Zapper Features

- Ultra-affordable vocal remover
- Removes vocals from any stereo source
- 16 vocal settings for optimal removal
- Stereo 24-bit inputs and outputs
- 28-bit internal processing, 48kHz sample rate
- Super-compact space rackmount

guitar tools

Alesis GuitarFX DSP delivers the mother-lode of guitar tones, amp simulations, and multi-effects. From clean to mean, you can dial in the killer guitar sound for any occasion. Fully edit the algorithms and signal routing of 9 simultaneous effects modules for innumerable effects combinations. Rewrite presets with your edited sounds or restore them to factory default. GuitarFX DSP is built into Alesis WildFire amplifiers, the GuitarFX pedal, and the PlayMate Guitarist.



PROGRAM

EFFECT

- CAB
- FX1 PARAM
- NR
- EQ
- DRIVE
- FX2 PARAM
- DIST
- FX3
- COMPLIMIT
- PARAM
- PLAY

VALUE

PUSH TO STORE



wildfire guitar amplifiers

The WildFire series is perfect for guitarists looking for a portable, flexible, great-sounding amplifier with built-in FX for stage, practice, and recording. Powered by Alesis GuitarFX DSP, WildFire amps are capable of almost any guitar sound you can dream up. On stage, two WildFire amplifiers can be linked in stereo. With RCA inputs for a CD/MP3 player and headphone output, WildFire amps excel as practice tools, and their extensive range of tonalities makes them great for recording.

Includes complete Alesis GuitarFX technology

- 80 editable presets covering the spectrum of guitar styles
- 9 effects modules allow the selection of multiple effects for powerful tonal combinations
- Over 40 different effects

1/4" expression pedal input

- Allows fluid control of effect parameters

"Stereo Link" output

- Enables two WildFire amplifiers to be linked for stereo effect

Headphone output and RCA inputs

- 1/4" front panel headphone jack mutes speaker when in use
- Playback and mix stereo music with guitar signal
- Great tools for practicing

Built-in chromatic tuner

- Digital tuner with ability to mute output



guitarfx, bassfx, acoustifx

Based on custom DSP technology, GuitarFX, BassFX, and AcoustiFX feature a huge variety of multi-effects for guitar, bass, and acoustic instruments. Choose from a full range of inspiring presets, which you can fully edit to taste, then store, and also restore to factory default. All models feature a built-in tuner with optional signal mute, expression pedal input, and a stereo output that can also drive headphones.

GuitarFX, BassFX, AcoustiFX Features

- › Durable, stage-friendly pedalboard design
- › 28-bit effects include amp models, distortion, modulation, delays, and reverbs all tailored to the source (guitar, bass, or acoustic instruments)
- › GuitarFX, BassFX: Over 40 different effects divided into 9 effects modules, 8 signal routing options for modules. AcoustiFX: Over 20 different algorithms divided into 6 effects modules. Innumerable effects combinations
- › 80 preset/user programs (40 on AcoustiFX) can be customized using front-panel controls. Individual factory presets can be restored at any time
- › Large increment/decrement/bypass pedals, built-in auto chromatic tuner
- › 1/4" input and stereo line/headphone output, expression pedal in
- › Battery or 9V DC operation



combo pedal board

When used with Alesis WildFire amps, the expression pedal allows realtime control of parameters like volume, wah, or distortion. Dual foot switches allow up/down scrolling through presets, or they can be pressed simultaneously to activate the tuner. The Combo Pedal Board is also compatible with amplifiers and keyboards from many other manufacturers.



ADAT HD24XR and HD24 Details

Media. Any internal IDE, EIDE or ATA hard drive. **Track Count.** 24 tracks at 24-bit/48kHz, 12 tracks at 24-bit/96kHz. **Sample Rates.** Digital: 44.1–96kHz. HD24: Analog 44.1–48kHz HD24XR: Analog 44.1–96kHz pristine AKM converters, Upgrade HD24 to 96kHz with the EC-2. **Connections.** Analog: 24 24-bit inputs, 24 24-bit outputs (1/4" TRS, +4dBu). Digital: 24-channel I/O via 3 ADAT Optical inputs and 3 ADAT Optical outputs. Other: MIDI in/out. Alesis Sync in/out (DB-9). Word Clock input (BNC, 75 Ω). Footswitch jack for punch in/out (1/4"). LRC input for traditional wired remote (1/4"). 10 Base-T Ethernet (RJ-45). **Audio Specs.** HD24: Frequency response: 22Hz–22kHz \pm 0.5dB, Dynamic range (A-weighted): 103dB A/D, >103dB D/A, Distortion <0.003% THD+N; HD24XR: Frequency response: 22Hz–44kHz \pm 0.5dB, Dynamic range (A-weighted): >112dB A/D, >112dB D/A; Distortion: <0.001% THD+N; Input levels: nominal +4dBu, maximum +19dBu. Pitch control: +100 cents–200 cents, min–max 30–50 kHz (30–100kHz with version 2.0). **Power & Dimensions.** Power: 90–230V AC, 60W. Dimensions (H x W x D): 5.09" x 19" x 17" (127mm x 483mm x 432mm), 3U rackmount. Weight: 20lbs (9.07kg).

EC-2 Upgrade Details

Upgrades HD24 to 96kHz analog sample rate. **Sample Rates.** 44.1, 48, 88.2, and 96kHz (each variable \pm 12%). **Connections.** 24 24-bit analog inputs, 24 24-bit analog outputs (1/4" TRS, +4dBu). Frequency response: 22Hz–44kHz \pm 0.5dB. Dynamic range: 113dB A/D/A (A-weighted). Distortion: <0.002% THD+N. Input levels: nominal +4dBu, maximum +19dBu. Output levels: nominal +4dBu, maximum +19dBu.

CD Twin Details

Supported Disc Formats: All audio CDs, Data CD, VCD, CD-I, CD+G, Photo-CD. **Blank Disc Type:** Standard CD-R or CD-RW. **Burning Speed:** (CD-R/CD-RW) Copy Disc: 24x (fixed); Copy Track: 16x (fixed); Rawcopy Disc: 4x (fixed); PC via USB2.0: 32x (max). **Connection:** USB 2.0 - connect to PC as external CD-RW. **Audio Output:** Rear 1/8" Stereo Output Jack (RCA adapter included), 2.0Vrms. **Headphone Output:** Front 1/8" Stereo Output Jack with Volume Control Power Supply: 100V - 240VAC, 50/60Hz. **Front Control Panel:** 2x16 LCD display, 4 control keys (START, CANCEL, <<, >>). **Weight:** 3.88 lbs, 1.76 Kg. **Dimensions:** 11.26" x 8.90" x 2.44" (286mm x 226mm x 62mm)

MasterLink Details

Media. High-capacity IDE hard drive, ATAPI CD-ROM (8x read, 4x write), CD FORMATS. Read/write Red Book, CD24, TRACK COUNT. 2 tracks at up to 24-bit/96kHz. **Sample Rates.** 44.1, 48, 88.2, 96kHz. **Connections.** Analog: 2 XLR inputs, 2 XLR

outputs (+4dBu), 2 RCA inputs, 2 RCA outputs (–10dBv). A/D, D/A converters 24-bit 128x oversampling pristine AKM converters. Digital: AES/EBU input and output (XLR), S/PDIF coaxial input and output (RCA). **Audio Specs.** Frequency response: 20Hz–20kHz \pm 0/–0.3dB. Dynamic range: 113dB (A-weighted). Distortion: <0.002% THD+N. Input and output levels: nominal +4dBu balanced, –10dBv unbalanced. Maximum output level: +19dBu balanced, +5dBv unbalanced. **Power & Dimensions.** Power: 90–230V AC, 40W max, 50/60Hz. Dimensions (H x W x D): 3.5" x 19" x 11" (88mm x 483mm x 279mm), 3U rackmount. Weight: 13.55lbs (6.2kg).

A14 Details

Format. Converts 8 channels of AES/EBU digital audio to ADAT Optical and back. **Sample rates.** Normal: 32–52kHz (source-dependent). Split: 52–105kHz (source-dependent). **Resolution.** Up to 24-bit (source-dependent). **Connections.** Digital: 4 AES/EBU inputs, 4 AES/EBU outputs (XLR), 2 ADAT Optical inputs, 2 ADAT optical outputs. **Power & Dimensions.** Power: 100–230V AC, 50/60Hz. Dimensions (H x W x D): 1.75" x 19" x 5.8" (45mm x 483mm x 147mm), 1U rackmount. Weight: 4lbs (1.8kg).

A13 Details

Format. Converts 8 channels of analog audio to ADAT Optical and back. **Connections.** Analog: 8 inputs, 8 outputs (1/4" TRS). Digital: ADAT Optical input and output. **Front Panel.** Optical source selector, operating level selector, signal presence LEDs x 8, peak LEDs x 8, power switch. **AUDIO SPECS.** Analog input to optical output: Frequency response: 20Hz–20kHz \pm 0.5dB. Dynamic range: 96dB. Signal-to-noise: 100dB (A-weighted). Distortion: <0.003% THD+N. Optical input to analog output: Frequency response: 20Hz–20kHz \pm 0.5dB. Dynamic range: 95dB. Signal-to-noise: 98dB (A-weighted). Distortion: <0.003% THD+N. **Power & Dimensions.** Power: 120V AC internal transformer. Dimensions (H x W x D): 1.75" x 19" x 6" (45mm x 483mm x 153mm), 1U rackmount. Weight: 4.5lbs (2kg).

A6 Andromeda Details

Synthesis. Method: Real analog subtractive. Polyphony and parts: 16-voice, 16-part multitimbral. Oscillators: 32 total. 2 oscillators (with subs) per voice, 5 waveforms available (sine, triangle, square, up saw, down saw). Filters: 2-pole multimode resonating filter per voice, 4-pole lowpass resonating filter per voice. **Sound Location.** Program memory: 256 preset, 128 user. Mix memory: 128 preset, 128 user. **Keyboard.** 61-key semi-weighted keyboard with velocity, release velocity, and aftertouch. **Connections.** Audio outputs: 16 mono outputs, 1 for each of 16 voices (8 x 1/4" TRS), Stereo main outputs (2 x 1/4"). 2 mono aux outputs (2 x 1/4"). External audio filter inputs: 3 1/4" jacks (1 each for voices 1–16,

voice 15, and voice 16). Other: Oscillator and filter CV inputs (1/4"). CC pedal, switch, and sustain inputs (1/4"). Headphone jack (1/4"). MIDI in, out, and thru. Expansion: PCMCIA memory card slot. **Power & Dimensions.** Power: 90–230V AC, 50/60Hz, 30W. Dimensions (H x W x D): 4.8" x 40.1" x 16.1" (122mm x 1019mm x 409mm). Weight: 47lbs (21kg).

QS8.2 & QS6.2 Details

Synthesis. Method: QS Composite Synthesis™. 16-bit linear 48kHz sample ROM with lowpass filter. Polyphony and parts: 64 voices, each with sweepable lowpass filter, 3 envelope generators, 3 LFOs, programmable effects send and QS Modulation Matrix. Dynamic voice allocation. 16-part multitimbral (64-part multitimbral across 16 channels in QS Mix Mode™). Audio section: Alesis 24-bit stereo DAC with 128x oversampling delta-sigma converter. Waveform memory: 16MB, expandable to 24MB via PCMCIA expansion card. **Effects.** QS Parallel Matrix Effects™ (4 independent stereo multieffect processing busses). **Sound Location.** Program mode: 512 preset, 128 user. Mix mode: 400 preset, 100 user. **Keyboard & Control.** QS8.2: 88 hammer-action weighted keys with velocity and release velocity. QS6.2: 61 synth-action keys with velocity, release velocity, and aftertouch. Controllers: 4 control sliders. Programmable pitch and modulation wheels, foot pedals, and aftertouch (QS6.2 only). **Connections.** Audio outputs: Stereo L/R (1/4"), headphone (1/4"). Other: Assignable aux pedal, sustain pedal. MIDI in, out, and thru. Expansion: Type I PCMCIA slot, compatible with QCards, SRAM and flash cards (up to 8MB) with 120ns access time or faster. **Power & Dimensions.** Power: Internal transformer. Dimensions (H x W x D): QS8.2 is 4.3" x 50.5" x 13.5" (110mm x 1,283mm x 343mm). QS6.2 is 3.5" x 36" x 11.25" (89mm x 915mm x 288mm). Weight: QS8.2 is 48 lbs (21.8 kg). QS6.2 is 18.5 lbs (8.4 kg).

Ion Details

Sound Generation: Alesis proprietary DSP Analog Modeling. Polyphonic Voices: 8, each with 3 oscillators, 2 multi-mode filters, 3 envelope generators, 2 LFOs; programmable effects send and modulation matrix. **Program Memory:** 512 Preset Programs, 64 Multi-timbral Setups, all user-rewritable Effects: 4 Drive Effects (1 each per Part) plus Master Effects (Shared). **Input Connectors:** 2 Balanced 1/4" TRS jacks. (Maximum Input Level: +5.2dBu (1.41VRMS) = –0dBFS. **Input Impedance:** 10k Ω . **Audio Output. Output Connectors:** 4 Impedance-Balanced 1/4" TRS jacks, TRS **Headphone Jack Maximum Output Level:** +18dBu (6.15 VRMS) = –0dBFS. **Output Impedance:** 1k Ω **Signal To Noise Ratio:** >95 dB A-weighted, Ext In to Main or Aux Out. THD+N: < 0.005%, External In to Main or Aux Out. **Frequency Response:** 20–20kHz \pm 0.20dB, External In to Main or Aux Out. **Power Consumption:** 12 Watts max (100–240VAC/50–60Hz). **Keyboard:** 49 keys

(velocity, release velocity sensitive). **Real-Time Controllers:** 30 360-degree Parameter Knobs, 2 Assignable Modulation Wheels, Assignable **Pitch Wheel Pedal Jacks:** Assignable Exp pedal jack, Sustain pedal jack. MIDI Connections: MIDI In, MIDI Out, MIDI Thru. **Audio Outputs:** Main L/R, Aux L/R, Headphone (1/4" TRS). **Dimensions (WxHxD):** 33.0" x 3.75" x 13.0" / 838.20 x 95.25 x 330.20mm. **Weight:** 20 lbs / 9 kg

Micron Details

Sound Generation: Alesis proprietary DSP Analog Modeling Polyphonic Voices: 8, each with 3 oscillators, 2 multi-mode filters, 3 envelope generators, 2 LFOs, programmable effects send and modulation matrix. **Program Memory:** Over 1500 programs, set-ups, patterns, or rhythms. **Effects:** 1 Drive Effect per voice, plus **1 Master Effect (shared) Input Connectors:** 2 Balanced 1/4" TRS jacks **Maximum Input Level:** +5.2dBu (1.41VRMS) = 0dBFS **Input Impedance:** 10k Ω Audio Output **Output Connectors:** 2 Impedance-Balanced 1/4" TRS jacks, 1" TRS Headphone Jack **Maximum Output Level:** +18dBu (6.17 VRMS) = –0dBFS **Output Impedance:** 1k Ω Audio Performance **Signal To Noise Ratio:** >95 dB A-weighted, **Audio In to Audio Out THD+N:** < 0.005%, **Audio In to Audio Out Frequency Response:** 20–20kHz \pm 0.20dB, **Audio In to Audio Out Power Consumption:** 12 Watts max **Physical Keyboard:** 37 keys (velocity, release velocity sensitive) **Real-Time Controllers:** 3 360-degree Parameter Knobs, 2 Assignable Modulation Sliders, Assignable Pitch Wheel Pedal **Jacks:** Assignable Exp pedal jack, Sustain pedal jack **MIDI Connections:** MIDI In, MIDI Out, MIDI Thru **Audio Outputs:** Main L/R, Headphone (1/4" TRS) **Dimensions (WxHxD):** 22.8" x 3.94" x 8.3" / 580 x 90 x 210 mm **Weight:** 7.5 lbs / 3.4 kg

SR-16 Details

Sounds. Sounds: 233. Polyphony: 16 voices. Resolution: 18-bit D/A converters. Velocity response: 8 levels via pads, 128 levels via MIDI. Panning: 7-position, user-programmable. **Drum Machine Pads:** 12, velocity-sensitive. Simultaneous sounds: 12 accessible via pads, 120 accessible via **Midi.** Timing resolution: 96 PPO. Tempo range: 20–255 BPM. **Location.** Memory: 12,000 notes. 400 patterns (200 user, 200 preset). 100 songs. Drum kits: 50 user, 50 preset. MIDI control: Change kits with program changes. **Connections & Control.** Front-panel control: LCD window, value wheel, programming buttons, 12 pads. Audio outputs: 4 (1/4"). Other: Start/stop footswitch jack. Count/ A/B/fill footswitch jack. MIDI in, out/thru. Sync: MIDI Clock, MIDI Song Position Pointer. **Power & Dimensions.** Power: 9V AC external transformer, UL and CSA approved. Dimensions (H x W x D): 1.5" x 9.25" x 6.5" (39mm x 235mm x 166mm). Weight: 2.5lbs (1.1kg). **DM5 Details**

Sounds. Polyphony: 16 voices. Waveform memory: 8MB. Resolution: 18-bit D/A converters, 48kHz sample rate. Velocity response: 128 levels of loudness via MIDI or trigger inputs. Panning: 7-position, user programmable. **Sound Location.** Program memory: 648 drums. Kit memory: 21 customizable drum kits, 64 drums in each, defaults permanently stored in ROM. **Connections & Control.** Front-panel control: Custom backlit LCD, volume, value wheel, velocity-sensitive preview button, programming buttons. Audio: 4 outputs (1/4"). Headphone jack (1/4" TRS, front-panel). Trigger inputs: 12 (1/4," each with 5 user-adjustable trigger parameters). Other: Switchable footswitch jack (1/4") for hi-hat or program advance mode. MIDI in, out/thru. **Power & Dimensions.** Power: 9V AC external transformer, UL and CSA approved. Dimensions (H x W x D): 1.75" x 19" x 6" (45mm x 483mm x 153mm), 1U rackmount. Weight: 4.5lbs (2kg).

ProLinear 820 DSP Specifications

Input. Nominal input level: +4dBu (-15dBFS). Maximum input level: +20dBu (7.0 Vrms) Input impedance: 10k ohms. **Output.** Sound Pressure Level (SPL): ~113db at 1 meter at max input below clipping. Low Frequency (LF) power: 80 watts RMS, ~120 watts peak. High Frequency (HF) power: 40 watts RMS typical, ~120 watts peak. **Frequency response.** 50hz – 20kHz +/- 1.5dB. Bass level -3dB @ 39hz typical. Signal To Noise ratio: > 90 dB A-weighted, Analog In to Analog Out, **Power Requirements.** Input voltage: 100v – 230v, Input frequency: 47 – 63 Hz Power consumption: 20 W (idle) 130 W (typical, at maximum volume). **Environmental Requirements.** Temperature range: 0-40 degrees C. Relative humidity (non-condensing): 30-85%. **Cabling Requirements.** Mixer to Speaker: Balanced or unbalanced, shielded; XLR or ∞ TRS connector. Speaker to PC: Standard 9-pin, RS-232 serial cable (male-female). Speaker to Speaker: Standard 9-pin, RS-232 serial cable (male-female). **Mechanicals.** Size (HxWxD): 17" x 11" x 13.5" (440mm x 280mm x 345mm) Weight: 32lbs (14.6kg)

ProLinear 820 Specifications

Input. Nominal input level: +4dBu (-15dBFS). Maximum input level: +20dBu (7.0 Vrms) Input impedance: 10k ohms. **Output.** Sound Pressure Level (SPL): ~113db at 1 meter at max input below clipping. Low Frequency (LF) power: 80 watts RMS, ~120 watts peak. High Frequency (HF) power: 40 watts RMS typical, ~120 watts peak. **Frequency response.** 50hz – 20kHz +/- 1.5dB. Bass level -3dB @ 39hz typical. Signal To Noise ratio: > 90 dB A-weighted, Analog In to Analog Out. **Power Requirements.** Input voltage: 100v – 230v, Input frequency: 47 – 63 Hz Power consumption: 20 W (idle) 130 W (typical, at maximum volume). **Environmental Requirements.** Temperature range: 0-40 degrees C. Relative humidity (non-condensing): 30-85%. **Cabling Requirements.** Mixer to Speaker: Balanced or unbalanced, shielded; XLR or ∞

TRS connector. **Mechanicals.** Size (HxWxD): 17" x 11" x 13.5" (440mm x 280mm x 3405mm) Weight: 32lbs (14.6kg)

ProLinear 720 DSP Details

Input. Nominal input level: +4dBu (-15dBFS). Maximum input level: +20dBu (7.0 Vrms) Input impedance: 10k ohms. **Output.** Sound Pressure Level (SPL): ~110db at 1 meter at max input below clipping. Low Frequency (LF) power: 80 watts RMS, ~120 watts peak. High Frequency (HF) power: 40 watts RMS typical, ~120 watts peak. **Frequency response.** 50hz – 20kHz +/- 1.5dB. Bass level -3dB @ 43hz typical, Signal To Noise ratio: > 90 dB A-weighted, Analog In to Analog Out. **Power Requirements.** Input voltage: 100v – 230v Input frequency: 47 – 63 Hz Power consumption: 20 W (idle) 130 W (typical, at maximum volume). Environmental Requirements: Temperature range: 0-40 degrees C. Relative humidity (non-condensing): 30-85%. **Cabling Requirements.** Mixer to Speaker: Balanced or unbalanced, shielded; XLR or ∞ TRS connector. Speaker to PC: Standard 9-pin, RS-232 serial cable (male-female). Speaker to Speaker: Standard 9-pin, RS-232 serial cable (male-female). **Mechanicals.** Size (HxWxD): 15" x 9" x 12" (380mm x 230mm x 305mm) Weight: 25lbs (11.4kg)

ProLinear 220 DSP Details

Input. Nominal input level: +4dBu (-15dBFS). Maximum input level: +20dBu (7.0 Vrms) Input impedance: 10k ohms. **Output.** Sound Pressure Level (SPL): ~110db at 1 meter at max input below clipping. Low Frequency (LF) power: 80 watts RMS, ~120 watts peak. High Frequency (HF) power: 40 watts RMS typical, ~120 watts peak. **Frequency response.** 50hz – 20kHz +/- 1.5dB. Bass level -3dB @ 43hz typical, Signal To Noise ratio: > 90 dB A-weighted, Analog In to Analog Out. **Power Requirements.** Input voltage: 100v – 230v Input frequency: 47 – 63 Hz Power consumption: 20 W (idle) 130 W (typical, at maximum volume). **Environmental Requirements.** Temperature range: 0-40 degrees C. Relative humidity (non-condensing): 30-85%. **Cabling Requirements.** Mixer to Speaker: Balanced or unbalanced, shielded; XLR or ∞ TRS connector. **Mechanicals.** Size (HxWxD): 15" x 9" x 12" (380mm x 230mm x 305mm) Weight: 25lbs (11.4kg)

M1 Active Mk2 Details

Output: Low-frequency: 75W. High-frequency: 25W. **Crossover:** 8th-order high- and lowpass filters at 2kHz. **Frequency response:** 45Hz–22kHz \pm 2.5dB. **Cabling Requirements:** Combination XLR-1/4" input. **Mechanicals:** Dimensions (H x W x D): 15" x 8.5" x 9.25" (381mm x 216mm x 236mm). Weight: 21lbs each (10kg).

Monitor One Mk2 Details

Output: Frequency response: 45Hz–18kHz \pm 2.5dB. **Crossover:** 2kHz, 2nd-order filters. **Power handling:** 120W program, 200W peak. Nominal impedance: 4 ohms. Sensitivity: 88dB SPL, 1W, 1 meter. **Cabling Requirements:** 5-way binding posts on 0.75" centers. **Mechanicals:** Dimensions (H x W x D): 15" x 8.5" x 9.25" (381mm x 216mm x 236mm). Weight: 15lbs each (6.8kg).

ProActive 2.0 Details

Output: 130 Watts System/65 Watts per speaker 45W LF, 20W HF (RMS). **Frequency response:** 60Hz–20kHz. **Cabling Requirements:** Balanced 1/4" TRS input with Gain Trim to handle most input level requirements. **Mechanicals:** Size (HxWxD): 12" X 9.5" X7" (310mm X 250mm X 180mm) Weight 14 lbs (6.4 kg)

ProActive 5.1 Details

Output: 500W RMS total power. 53W per satellite speaker, 235W subwoofer **Frequency response:** 35Hz–20kHz. **Power Requirements:** 120V AC internal transformer. **Processor:** Hardware decoder with Dolby Digital, DTS, and Dolby Pro Logic II. **Cabling Requirements:** Digital: S/PDIF optical and coaxial (RCA). Analog: 6 RCA inputs (breakout cable included). Headphone and stereo line outs (1/8"). **Mechanicals:** Size (H x W x D): Satellite speakers 6.75" x 4" x 6" (171mm x 102mm x 152mm). Center channel speaker: 5.5" x 8" x 4" (140mm x 203mm x 102mm). Subwoofer: 12" x 12" x 15.5" (305mm x 305mm x 394mm). Total weight: 70lbs (31.8kg).

RA150 Details

Rated Output. 75 watts RMS per channel at 4 ohms. 45 watts RMS per channel at 8 ohms. 150 watts RMS per channel at 8 ohms (bridged mode). **Connections & Control.** Audio: Stereo input (1/4" TRS), stereo input (RCA). Stereo output ("banana" connectors). Front panel: Input trim L/R, power, power LED, clip LED L/R. **Audio Specs.** Frequency response: 10Hz–70kHz \pm 3dB. Distortion: <0.02%. Damping factor: 200 at 8 ohms. Slew rate: 60V/ μ s (two-channel), 120V/ μ s (bridged mono). Input sensitivity: +4dB for rated output. Input impedance: 20k ohms balanced, 10k ohms unbalanced. Maximum input level: +26dBu. Crosstalk: –85dBu. **Power & Dimensions.** Power: 120V AC, 500 watts max. Dimensions (H x W x D): 3.9" x 19" x 10.25" (99mm x 483mm x 260mm), 2U rackmount. Weight: 15lbs (6.8kg).

RA300 Details

Rated Output. 150 watts RMS per channel at 4 ohms. 90 watts RMS per channel at 8 ohms. 300 watts RMS per channel at 8 ohms (bridged mode). **Connections & Control.** Audio: Stereo input (XLR), stereo input (1/4" TRS), stereo input (RCA). Stereo

output ("banana" connectors). Front panel: Input trim L/R, power, power LED, clip LED L/R, program meters. **Audio Specs.** Frequency response: 10Hz–70kHz \pm 3dB. Distortion: <0.02%. Damping factor: 200 at 8 ohms. Slew rate: 60V/ μ s (two-channel), 120V/ μ s (bridged mono). Input sensitivity: +4dB for rated output. Input impedance: 20k ohms balanced, 10k ohms unbalanced. Maximum input level: +26dBu. Crosstalk: –85dBu. **Power & Dimensions.** Power: 120V AC, 500 watts max. Dimensions (H x W x D): 3.9" x 19" x 10.6" (99mm x 483mm x 270mm), 2U rackmount. Weight: 19lbs (8.6kg).

RA500 Details

Rated Output. 250 watts RMS per channel at 4 ohms. 150 watts RMS per channel at 8 ohms. 500 watts RMS per channel at 8 ohms (bridged mode). **Connections & Control.** Audio: Stereo input (XLR), stereo input (1/4" TRS), stereo input (RCA). Stereo output ("banana" connectors). Front panel: Input trim L/R, power, power LED, clip LED L/R, program meters. **Audio Specs.** Frequency response: 10Hz–70kHz \pm 3dB. Distortion: <0.02%. Damping factor: 200 at 8 ohms. Slew rate: 60V/ μ s (two-channel), 120V/ μ s (bridged mono). Input sensitivity: +4dB for rated output. Input impedance: 20k ohms balanced, 10k ohms unbalanced. Maximum input level: +26dBu. Crosstalk: –85dBu. **Power & Dimensions.** Power: 120V AC, 500 watts max. Dimensions (H x W x D): 5.6" x 19" x 10.7" (143mm x 483mm x 272mm), 3U rackmount. Weight: 28.5lbs (13kg).

MultiMix 16USB Details

Control: Front-panel channels (top down): 8 microphone/line inputs with 75Hz highpass filter switch and up to 50dB of mic/line gain. All channels with 3-band EQ (high shelving at 12kHz, mid bandpass/reject at 2.5kHz, low shelving at 75Hz), aux send A (pre- or post-fader), aux send B (post-fader, onboard or external effects), pan or balance, pre-fader listen or solo-in-place, mute or alt 3/4, 60mm fader. Front-panel other: Effect section with selector plus clip and signal LEDs. Effects: 28-bit Effects, 100 Effect Types. Aux return A level, effects/aux return B level. Headphone/control room out level with mix, alt 3/4, 2-track, and alt 3/4 to mix switches. Solo mode, 2-track to mix switches. Stereo main and alt 3/4 60mm faders. Stereo 8-segment LED meters. **Connections.** All 1/4" TRS except as noted: Mic in x 4 (XLR), mono line in x 4, stereo line in x 4, aux sends x 2, stereo aux returns x 2, stereo main out, stereo control room out, stereo alt 3/4 out, headphone out. 2-track stereo in and out (RCA). 44.1kHz S/PDIF digital out (RCA). Integrated USB audio interface, Plug and Play operation under Mac OSX and Windows XP. **Audio Specs.** Frequency response: 20Hz–22kHz \pm 0.5dB. Dynamic range: >100dB. Distortion: <0.01% THD+N (mic/line to L/R master out). Maximum gain: 60dB (mic in to L/R master out). Maximum output: +14dBu

main L/R, +5dBV 2-track outs. **Power & Dimensions.** Power: 120V AC external transformer. Dimensions (H x W x D): 3.2" X 13" X 15.2" (80mm x 331mm x 386mm). Weight: 9.7lbs (4.4kg).

MultiMix 12FX/12USB Details

Control. Front-panel channels (top down): 4 mic/line channels with 75Hz highpass filter switch and mic/line gain. All channels with 3-band EQ (high shelving at 12kHz, mid bandpass/reject at 2.5kHz, low shelving at 75Hz), aux send A (pre- or post-fader), aux send B (post-fader, onboard or external effects), pan or balance, pre-fader listen or solo-in-place, mute or alt 3/4, 60mm fader. Front-panel other: Effect section with selector plus clip and signal LEDs, Effects: 28-bit Effects, 100 Effect Types. Aux return A level, effects/aux return B level. Headphone/control room out level with mix, alt 3/4, 2-track, and alt 3/4 to mix switches. Solo mode, 2-track to mix switches. Stereo main and alt 3/4 60mm faders. Stereo 8-segment LED meters. **Connections.** All 1/4" TRS except as noted: Mic in x 4 (XLR), mono line in x 4, stereo line in x 4, aux sends x 2, stereo aux returns x 2, stereo main out, stereo control room out, stereo alt 3/4 out, headphone out, 2-track stereo in and out (RCA). 44.1kHz S/PDIF digital out (RCA) on 12USB. Integrated USB audio interface, Plug and Play operation under Mac OSX and Windows XP on 12USB. **Audio Specs.** Frequency response: 20Hz–22kHz ±0.5dB. Dynamic range: >100dB. Distortion: <0.01% THD+N (mic/line to L/R master out). Maximum gain: 60dB (mic in to L/R master out). Maximum output: +14dBu main L/R, +5dBV 2-track outs. **Power & Dimensions.** Power: 120V AC external transformer. Dimensions (H x W x D): 3.75" x 11.25" x 13.25" (95mm x 286mm x 337mm). Weight: 7lbs (3.2kg).

MultiMix 8USB Details

Control. Front-panel channels (top down): 4 mic/line channels with 75Hz highpass filter switch and mic/line gain. All channels with 3-band EQ (high shelving at 12kHz, mid bandpass/reject at 2.5kHz, low shelving at 75Hz), aux send A (pre-fader), aux send B (post-fader, onboard or external effects), pan or balance, level. Front-panel other: Effect section with selector plus clip and signal LEDs, Effects: 28-bit Effects, 100 Effect Types. Aux return A level, effects/aux return B level. Main out level with 2-track to mix switch. Headphone/control room out level with 2-track to control room switch. Stereo 8-segment LED meters. **Connections.** All 1/4" TRS except as noted: Mic in x 4 (XLR), mono line in x 4, stereo line in x 4, aux sends x 2, stereo aux returns x 2, stereo main out, stereo control room out, headphone out, 2-track stereo in and out (RCA). Integrated USB audio interface, Plug and Play operation under Mac OSX and Windows XP. **Audio Specs.** Frequency response: 20Hz–22kHz ±0.5dB. Dynamic range: >100dB. Distortion: <0.01% THD+N (mic/line to L/R master out). Maximum gain: 60dB (mic in

to L/R master out). Maximum output: +14dBu main L/R, +5dBV 2-track outs. **Power & Dimensions.** Power: 120V AC external transformer. Dimensions (H x W x D): 3.5" x 9.25" x 10.25" (89mm x 235mm x 260mm). Weight: 4.5lbs (2.1kg).

MultiMix 6FX Details

Control. Front-panel channels (top down): 2 mic/line channels with gain. All channels with 3-band EQ (high shelving at 12kHz, mid bandpass/reject at 2.5kHz, low shelving at 75Hz), aux send (post-fader, onboard or external effects), pan or balance, level. Front-panel other: Effect section with selector plus clip and signal LEDs, Effects: 28-bit Effects, 100 Effect Types. Effects level, aux return level. Main out level with 2-track to mix switch. Headphone/control room out level with 2-track to control room switch. Stereo 4-segment LED meters. **Connections.** All 1/4" TRS except as noted: Mic in x 2 (XLR), mono line in x 2, stereo line in x 2, aux send, stereo aux return, stereo main out, stereo control room out, headphone out, 2-track stereo in and out (RCA). **Audio Specs.** Frequency response: 20Hz–22kHz ±0.5dB. Dynamic range: >100dB. Distortion: <0.01% THD+N (mic/line to L/R master out). Maximum gain: 60dB (mic in to L/R master out). Maximum output: +14dBu main L/R, +5dBV 2-track outs. **Power & Dimensions.** Power: 120V AC internal transformer. Dimensions (H x W x D): 3" x 7.25" x 9" (76mm x 184mm x 229mm). Weight: 3lbs (1.4kg).

MultiMix 12R Details

Control. Front-panel (top down): 8 mic/line channels and 2 stereo channels with trim, 2-band EQ (high shelving at 12kHz, low shelving at 80Hz), aux send 1 (pre-fader), aux send 2 (post-fader), pan/balance, and 60mm fader. Front-panel other: 60mm stereo master fader. Stereo aux return level. Headphone jack with level and master/tape switch. Stereo 10-segment LED meters. Power and phantom power LEDs. **Connections.** All 1/4" TRS except as noted: Mic in x 8 (XLR), line in x 12, channel insert x 8, aux send x 2, stereo aux return, stereo main out, stereo monitor out, headphone out. Stereo tape in and master out (RCA). **AUDIO SPECS.** Frequency response: 20Hz–50kHz ±0.5dB. Dynamic range: 108dB. Distortion: <0.005% THD+N (mic/line to L/R master out). Maximum gain: 70dB (mic in to L/R master out). Headroom: 24dB. **Power & Dimensions.** Power: 120V AC internal transformer. Dimensions (H x W x D): 5.25" x 19" x 4.25" (134mm x 483mm x 108mm), 3U rackmount. Weight: 8lbs (3.6kg).

Zonemix 6 Details

Input: Line: 10K input impedance. 140mV rms sensitivity (for 1V output). Front Mic: 10K input impedance unbalanced. 1.5mV rms sensitivity (for 1V output). 60mV rms max input. Mic1/Mic2: 10K input impedance. 2.5mV rms sensitivity (for 1V output), 80mV rms max input. **Outputs:** Line: 9V rms max. Headphone: 0.5 watt into

47 ohms. Distortion: less than 0.01%. **Signal-to-Noise Ratio (vs. maximum output):** Line: better than 92dB. Front Mic: better than 90dB. Mic /Mic 2: better than 80dB. Phono: better than 80dB. **Frequency Response:** Line: 20Hz–22kHz ±0.5dB. Mic: 20Hz–18kHz ±0.5dB. Phono: ±1dB except for controlled attenuation of -3dB @ 20Hz to reduce rumble and feedback. **Equalization Boost / Cut Amount (front Mic / Zone A / ZoneB):** Bass: +/-13dB. Middle: +/-14dB. Treble: +/-12dB. **Power Consumption:** 10.2 watts typical. 12.8 watts with full output. **Dimensions & Weight:** 19" (W) x 1.75" (H) x 7.87" (D) / 5 lbs. (480 x 44 x 200 mm / 2.2 kgs).

ProVenue 1501 Details

Input: 300 Watts RMS Input Impedance 8 ohms. Sensitivity 98 dB SPL (1w/1m) Active/Passive. Passive **Output:** Lo Freq Driver 15.0", Die-Cast Chassis, 3" Voice Coil, Hi Freq Driver 1" Compression Driver, 1.75" flat Voice Coil, 2" Titanium Diaphragm. **Frequency Response:** 45Hz–18kHz. Coverage Angle Horizontal: 90 deg. Vertical: 40 deg. **Cabling Requirements:** I/O Connectors SpeakOn NL 4MPR (x1) 1/4" TRS (x1). **Mechanicals:** Size (HxWxD): 26.5" x 17.7" x 13.5" (675 x 450 x 345 mm) **Weight:** 48lbs (23.3 kg)

ProVenue 1201 Details

Input: 200 Watts RMS Input Impedance 8 ohms. Sensitivity 98 dB SPL (1w/1m) Active/Passive. Passive **Output:** Lo Freq Driver 12.0", Die-Cast Chassis, 2.5" Voice Coil, Hi Freq Driver 1" Compression Driver, 1.75" flat Voice Coil, 2" Titanium Diaphragm. **Frequency Response:** 70Hz–18kHz. Coverage Angle Horizontal: 90 deg. Vertical: 40 deg. **Cabling Requirements:** I/O Connectors SpeakOn NL 4MPR (x1) 1/4" TRS (x1). **Mechanicals:** Size (HxWxD): 23.5" x 15.5" x 11.8" (595 x 395 x 300 mm) **Weight:** 38lbs (18.4 kg)

GigaMix 4FX Specifications

Amp Config: Mono Main Output, **Amp Power:** 200 Watts/4 ohms, **Mic/Line Inputs:** 4, **Master Graphic EQ:** 1x 9-Band EQ on Main; 8-Segment LED Level Meter, **Effects:** 28-bit Effects, 100 Effect Types, Channel EQ: 3-Band Active (+/-15dB) EQ on all Input Channels, **Frequency Response:** 10Hz–40kHz (+0.5/-3dB), **Mechanicals:** Size (HxWxD): 20" X 26.5" X 17.5" (608 x 673 x 444), Weight: 40.5 lbs (21.5 kg)

GigaMix 6FX Specifications

Amp Config: Switchable - Mono Main Out x2, or Mono Main and Mono Monitor Outs **Amp Power:** 300 Watts/4 ohms x2 (600 Watts total), **Mic/Line Inputs:** 6, **Master Graphic EQ:** 1x 9-Band EQ (Stereo) on Main, and 1x 9-Band EQ Monitor; 8-Segment LED Level Meters (x2), **Effects:** 28-bit Effects, 100 Effect Types,

Channel EQ: 3-Band Active (+/-15dB) EQ on all Input Channels, **Frequency Response:** 10Hz–40kHz (+0.5/-3dB), **Mechanicals:** Size (HxWxD): 20" X 26.5" X 17.5" (508 x 673 x 444),Weight: 44 lbs (21.5 kg)

GigaMix 8FX Specifications

Amp Config: Switchable - Stereo Main Out, or Mono Main and Mono Monitor Outs, **Amp Power:** 400 Watts/4 ohms x2 (800 Watts total), **Mic/Line Inputs:** 8, **Master Graphic EQ:** 1x 9-Band EQ (Stereo) on Main, and 1x 9-Band EQ Monitor; 8-Segment LED Level Meters (x2), **Effects:** 28-bit Effects, 100 Effect Types, **Channel EQ:** 3-Band Active (+/-15dB) EQ on all Input Channels, **Frequency Response:** 10Hz–40kHz (+0.5/-3dB), **Mechanicals:** Size (HxWxD): 20" X 26.5" X 17.5" (508 x 673 x 444), Weight: 46 lbs (18 kg)

DEQ830 Details

Control. 30 band-select buttons covering 25Hz to 20kHz, 13-segment LEDs for each band. 8 channel-select buttons with 10-segment level LEDs. Dedicated link, store, bypass, and compare buttons. 3-digit LED for program numbers and editing. **Connections.** Analog: 8 inputs, 8 outputs (1/4" TRS, -10dBV/+4dBu). Digital: 8-channel ADAT Optical in, out. Other: MIDI in, out. AUDIO SPECS. Converters and resolution: 24-bit A/D/A, 28-bit internal processing, 48kHz sample rate. Frequency response: 22Hz–22kHz ±0.5dB. Distortion: <0.005% THD+N. Signal-to-noise ratio: >100dB (A-weighted). Maximum input and output levels: +6dBV/+19dBu. **Power & Dimensions.** Power: 15 watts max, 100–240V AC, 50/60Hz. Dimensions (H x W x D): 1.75" x 19" x 5" (45mm x 483mm x 127mm), 1U rackmount. Weight: 3lbs (1.4kg).

DEQ230D, DEQ230 Details

Control. 60 band-select buttons covering 25Hz to 20kHz, 13-segment LEDs for each band. Dedicated link, store, and bypass buttons. 2-digit LED for program numbers. **Connections.** Analog: 2 inputs, 2 outputs (1/4" TRS; -10dBV/+4dBu on 230D, -10dBV on 230). Digital on DEQ230D: S/PDIF coaxial (RCA) in, out. Other on DEQ230D: MIDI in, out. AUDIO SPECS. Converters and resolution: 24-bit A/D/A, 28-bit internal processing, 48kHz sample rate. Frequency response: 22Hz–22kHz ±0.50dB. Distortion: <0.005% THD+N. Signal-to-noise ratio: >96dB (A-weighted). Maximum input and output levels: +6dBV/+19dBu on 230D, +6dBV on 230. **Power & Dimensions.** Power: 15 watts max, 100–240V AC, 50/60Hz on 230D, 9V AC (external) on 230. Dimensions (H x W x D): 1.75" x 19" x 5" (45mm x 483mm x 127mm), 1U rackmount. Weight: 3lbs (1.4kg).

DEQ224 Details

Control. 24 band-select buttons covering 25Hz to 19kHz, 13-segment LEDs for each band. Dedicated link, store, and bypass buttons. 2-digit LED for program numbers. **Connections.** Analog: 2 inputs, 2 outputs (1/4" TRS, -10dBV). **Audio Specs.** Converters and resolution: 24-bit A/D/A, 28-bit internal processing, 48kHz sample rate. Frequency response: 22Hz-22kHz ±0.5dB. Distortion: <0.007% THD+N. Signal-to-noise ratio: >96dB (A-weighted). Maximum input and output levels: +5dBV. **Power & Dimensions.** Power: 9V AC (external). Dimensions (H x W x D): 1.75" x 8.5" x 5.5" (45mm x 216mm x 140mm), 1/2U rackmount. Weight: 2lbs (0.91kg).

3630 Compressor Details

Control. Compressor: Threshold (-20dBu to +20dBu), ratio (1:1 to -1:1), attack (0.1ms to 200ms), release (50ms to 3sec), and output x 2. Peak/RMS, hard knee/soft knee, input/output, bypass switches x 2. Gate: Threshold (open to 10dBu) and rate (20ms to 2sec) x 2. Open/close switch x 2. Other: 12-segment gain reduction and input/output LEDs x 2. **Connections.** Audio: 2 independent inputs, 2 independent outputs (1/4", -10dB or +4dB switchable). 2 sidechain (1/4" TRS). **Audio Specs.** Dynamic range: 118dB (A-weighted). Distortion: <0.05% THD+N. Signal-to-noise ratio: _100dB. Headroom: 18dB. Maximum input level: +22dBu. Output gain control range: -20 to +20dB. **Power & Dimensions.** Power: 9V AC external transformer, UL and CSA approved. Dimensions (H x W x D): 1.75" x 19" x 4" (45mm x 483mm x 102mm), 1U rackmount. Weight: 2.6lbs (1.2kg).

GRIP Details

Control. Front panel: Dedicated input, output, crossover, sub-bass level, bass drive, bass level, lo cut, and bypass controls. 16-segment input, gain reduction, and bass level LED meters. **Connections.** Audio: 2 in, 2 out (1/4" TRS). Sub-bass out (1/4" TRS). **Audio Specs.** Internal DSP: 28-bit resolution. Input and output converters: 24-bit/48kHz. Frequency response: 20Hz-22kHz ±1dB. Signal-to-noise ratio: >104dB (A-weighted). Distortion: <0.004% THD+N. Input level: +4dBu nominal, +19dBu maximum. Output level: +19dBu maximum. **Power & Dimensions.** Power: 7 watts max, 100-240V AC, 50/60Hz. Dimensions (H x W x D): 1.75" x 19" x 6.4" (45mm x 483mm x 162mm). Weight: 4lbs (1.8kg).

PicoVerb Details

Control. Dedicated input, mix, and program select knobs. Power LED. **Connections.** Audio: 2 inputs, 2 outputs (1/4" TS). **Audio Specs.** Converters and resolution: 24-bit A/D/A, 28-bit internal processing, 48kHz internal sample rate. Frequency response: 20Hz-20kHz +0/-2dB. Distortion: 0.01% THD+N. Signal-to-

noise ratio: 101dB (A-weighted). Maximum levels: input +7dBu, output +5dBu. **Power & Dimensions.** Power: 9V AC external transformer, UL and CSA approved. Dimensions (H x W x D): 1.5" x 4.25" x 5.3" (39mm x 108mm x 135mm), 1/4-U rackmount. Weight: 1lbs (0.46kg).

NanoVerb Details

Control. Dedicated input, mix, output, adjust, and program select knobs. Power and dual-colored signal/peak LEDs. **Connections.** Audio: 2 inputs, 2 outputs (1/4"). **Audio Specs..** Converters and resolution: 18-bit A/D/A, 24-bit internal processing, 46.9kHz internal sample rate. Frequency response: 20Hz-20kHz +1/-3dB. Dynamic range: >90dB. Distortion: 0.02% THD+N. Maximum levels: input +10dBV, output +10dBV. **Power & Dimensions.** Power: 9V AC external transformer, UL and CSA approved. Dimensions (H x W x D): 1.5" x 5.5" x 4.5" (39mm x 140mm x 115mm), 1U rackmount. Weight: 1.25lbs (0.6kg).

MidiVerb 4 Details

Control. Dedicated program, utility, store, input, output, edit, and bank buttons. Large, backlit LCD with precise signal monitors. **Connections.** Audio: 2 inputs, 2 outputs (1/4"). Other: Footswitch, MIDI in, out/thru. **Audio Specs.** Converters and resolution: 18-bit A/D/A, 24-bit internal processing, 48kHz internal sample rate. Frequency response: 20Hz-20kHz ±1dB. Dynamic range: >90dB. Distortion: 0.01% THD+N. Maximum levels: input +20dBV, output +14dBV (effect) or +20dBV (direct). **Power & Dimensions.** Power: 9V AC external transformer, UL and CSA approved. Dimensions (H x W x D): 1.75" x 19" x 7" (45mm x 483mm x 178mm), 1U rackmount. Weight: 4.5lbs (2kg).

MicroVerb 4 Details

Control. Dedicated input, mix, output, edit A, and edit B knobs. Store and bank/MIDI buttons. Large, 3-digit LED and 4-segment signal strength LED. **Connections.** Audio: 2 inputs, 2 outputs (1/4"). Other: Footswitch, MIDI in, out/thru. **Audio Specs.** Converters and resolution: 18-bit A/D/A, 24-bit internal processing, 46.9kHz internal sample rate. Frequency response: 20Hz-20kHz +1/-3dB. Dynamic range: >90dB. Distortion: 0.02% THD+N. Maximum levels: input +20dBV, output +14dBV (effect) or +20dBV (direct). **Power & Dimensions.** Power: 9V AC external transformer, UL and CSA approved. Dimensions (H x W x D): 1.75" x 19" x 4" (45mm x 483mm x 102mm), 1U rackmount.

Playmate Vocalist Details

Weight: 2.4kg
Size: 255mm x 190mm x 113mm

Playmate Guitarist Details

Weight: 2.4kg
Size: 255mm x 190mm x 113mm

AirFX Details

Effects. airFX: 50 preset programs. **Control & Connections.** Front panel: 3-way program encoder for selection, freeze, and bypass. Axyz controller. Audio: 2 inputs, 2 outputs (RCA, -10dBV). Other: Threaded hole on bottom for mounting on mic stand. **Audio spec.** Converters: 24-bit A/D/A. Frequency response: 20Hz-20kHz +0/-2dB. Dynamic range: 103dB. Distortion: <0.006% THD+N. Signal-to-noise ratio: -102.4dB (A-weighted). Maximum input and output levels: 11.96dBV. **Power & Dimension.** Power: 9V AC power supply (UL and CE approved). Dimensions (H x W x D): 2.25" x 6.5" x 8.00" (57mm x 165mm x 203mm). Weight: 1.5lbs (0.75 kg).

Vocal Zapper Details

High resolution: 24-bit, 48kHz conversion, 28-bit internal processing **Dimensions:** (H x W x D): 1.5" X 4.25" X 5.3" (381mm x 108 x 134.6) **Weight:** 1 lbs. (0.4 kg)

Wildfire 15, 30, 60 Details

Output Power Rating: WildFire 15: 15W RMS Mono in 8 ohms, WildFire 30: 30W RMS Mono in 8 ohms, WildFire 60: 60W RMS Mono in 8 ohms. **Internal Speaker Size/Power:** WildFire 15: 8" Driver /18W RMS, WildFire 30: 10" Driver /34W RMS, WildFire 60: 12" Driver /70W RMS. **Internal Speaker Sensitivity:** WildFire 15: 95dB/W/m, WildFire 30: 98dB/W/m, WildFire 60: 99dB/W/m. **Internal Speaker Max Output:** WildFire 15: 105dB SPL @ 1m, WildFire 30: 111dB SPL @ 1m, WildFire 60: 115dB SPL @ 1m. **Amplifier Specifications:** Input Connector: 1/4" TS (Unbalanced Mono). Input Impedance: >500K, Max Input Level: 2.0Vp. Frequency Response: 5Hz-34kHz. THD+N: <0.15% at 1W. THD+N: <3% at Rated Power. Speaker Output Connector: 1/4" TS (Unbalanced). Output Impedance: 0.1. Max Output Level: Rated Power into 8 ohms. Speaker Impedance: >8 ohms. Headphone Output Connector: 1/4" TRS (Unbalanced Stereo). Output Impedance: 2.2 ohms, Max Output Level: 2.4Vp (100K ohm load). Headphone Impedance: >16 ohms. Aux Input Connectors: RCA (Unbalanced Stereo), Input Impedance: 100K ohms, Max Input Level: 2.0Vp. Stereo Link Output Connector: 1/4" TS (Unbalanced). Output Impedance: 2.2 ohms, Max Output Level: 2.4Vp (100K load). Destination Impedance: >1K ohms. Expression Pedal Input Connector: 1/4" TRS (Balanced Mono), Tip Output Level: 3.3VDC, Tip Output Impedance: 50K-150K ohms, Ring Input Level: 1.6VDC-2.5VDC, Ring Input Impedance: 36K ohms, Sleeve Output Level: 1.6VDC (Reference Out), Sleeve Output Impedance: 100 ohms. FootSwitch Input Connector: 1/4" TS

(Unbalanced), Impedance: 10K ohms, Accepted Switch Type: Single-Pole, Single-Throw, Normally Open or Normally Closed. **Signal Processing Specifications:** Sample Rate: 31.25kHz, Effect Modules: 8, Programs: 8 Banks x 10 Programs =80. A/D Converter: 20-bit, 64x oversampling, D/A Converter: 20-bit, 128x oversampling, A/V Power Requirements (Refer to the Rear Panel), WildFire 15: 25W -120VAC~ or 230VAC~, WildFire 30: 45W -120/230VAC~. WildFire 60: 90W-120VAC~ or 230VAC~. **Mechanicals:** WildFire 15: 14.25" x 13.25" x 7.15" / 360mm x 335mm x 180mm, 17.0lb/7.7kg. WildFire 30: 16.25" x 15.25" x 8.15" / 415mm x 385mm x 205mm, 24.0lb/10.9kg. WildFire 60 465mm x 445mm x 240mm, 32.0lb/14.5kg.

GuitarFX Details

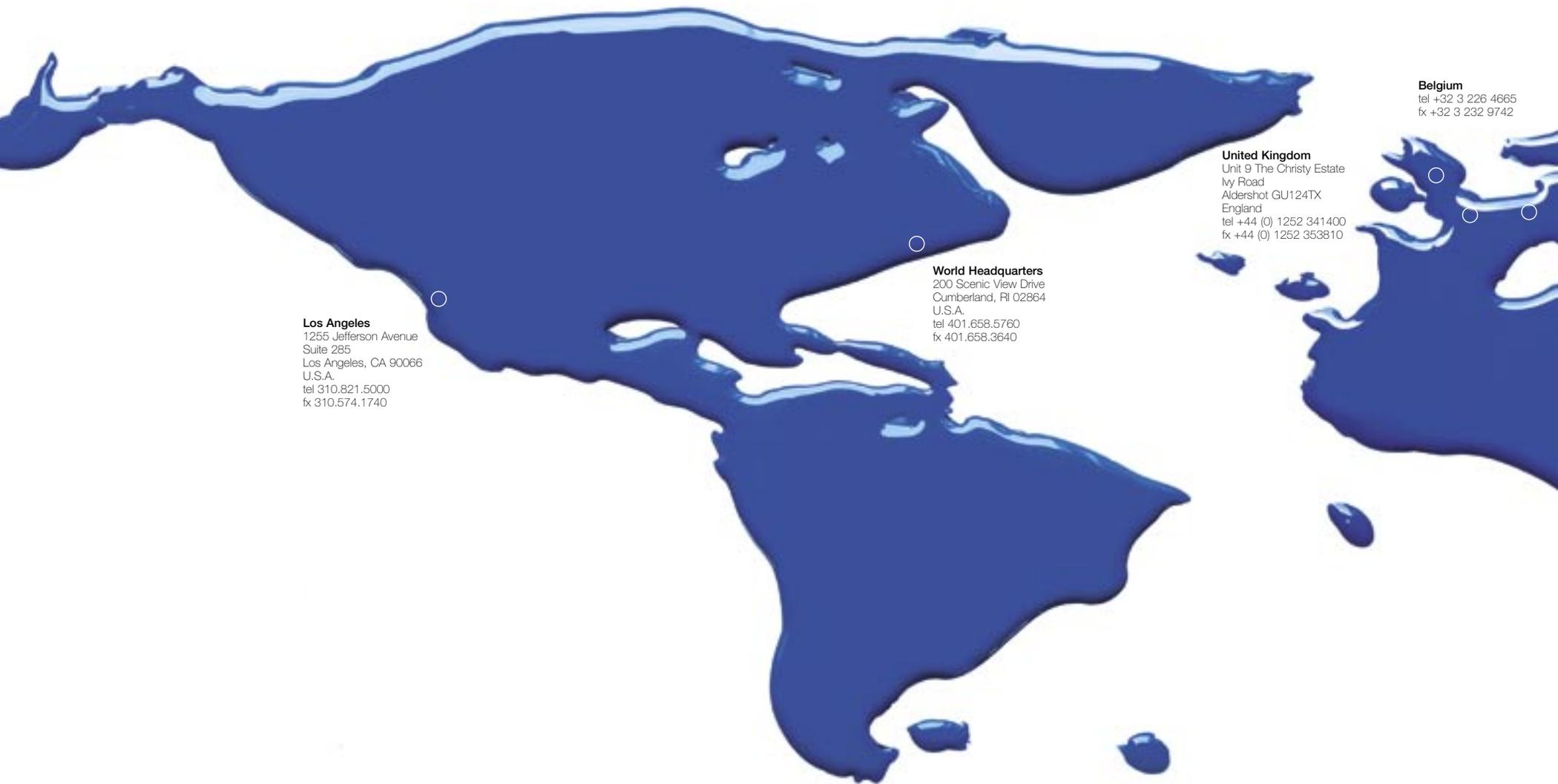
Distortion: Acoustic, Tube Clean, Rhythm, Overdrive, Distortion, Blues, Fuzz, Lead, Metal, Stack Drive, Combo Drive. **Cabinet:** Cab 1, Cab 2, Cab 3. **Processing:** EQ, Comp/Limiter. **Effects:** Wah, Phaser, Tremolo, Ring Mod, Cry, Step Filter, Slow Attack, Auto Pan, Auto Phase, Flanger, Rotary, Chorus, Pitch, Doubling, Ping Pong, Tape Delay, Stereo Delay, Echo, Hall, Room, Reverse, Plate, Decimate, Bit Reduce.

BassFX Details

Distortion: SS Clean, Tube Clean, Classic 1, Classic 2, Jazz Tone, Fat Bottom, Studio, Grunge, Southern, Synth. **Cabinet:** Cab 1, Cab 2, Cab 3. **Processing:** EQ, Comp/Limiter. **Effects:** Wah, Phaser, Tremolo, Ring Mod, Cry, Step Filter, Slow, Attack, Auto Pan, Auto Phase, Sub Bass, Chorus, Flanger, Rotary, Pitch, Octaver, Doubling, Ping Pong, Tape Delay, Stereo Delay, Echo, Hall, Room, Reverse, Plate, Chorus, Flanger, Decimate, Bit Reduce.

AcoustiFX Details

Type Clean, Warm, Bright, Rhythm, Jumbo, Drive. **Processing:** EQ, Edge, Comp/Limiter, Hum Cancel, Noise Gate. **Effects:** Chorus, Phaser, Flanger, Tremolo, 12-String, Slow Attack, Step Filter, Wah, Rotary, Cry, Hall, Room, Plate, Reverse, Doubling, Stereo Delay, Ping Pong, Tape Delay, Echo.



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