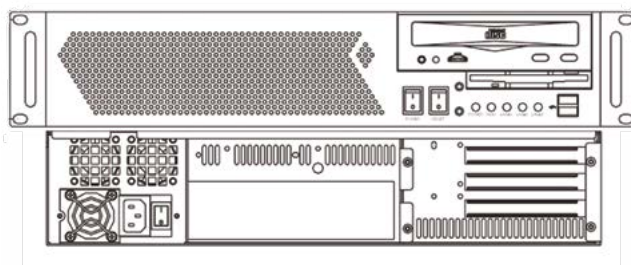


Ovation



IMMERSIVE AUDIO & EVENT SEQUENCER

3D sound & control for performance & installation



RAVENNA
AES67 built-in



Live/Events/AV/Broadcast... Covered.

Whatever the application, if you have been looking for intuition, simplicity, power, flexibility and economy in an immersive audio and show control ployout solution, you just found it with Ovation.



Ovation: Audio for Live, Redefined

More than just a cue sequencer

With Ovation, all of the standard features associated with a cue sequencer are just the beginning of the list. The concept of Ovation is to finally stop stringing together box after box, with each one performing just one part of the task. Ovation is the entire performance audio solution, in a 2U box.

Immersive audio content with Pyramix

Creating content for non-standard spaces has always meant a lot of guess work on the side of the sound designer, until now. Using Merging's Immersive panning and custom speaker arrays, users can actually mix onsite with ease, ensuring that the content truly does fit the space every time.

Complete the ultimate trifecta AV solution

Two names synonymous with the AV industry have got to be Medialon (Show Control) and Dataton (Watchout Video Server). Adding Ovation to these two products creates the most coherent and flexible AV solution imaginable, for even the biggest of events. All three companies have worked long and hard to ensure that when using each product together, the show will go on every night.

Native AES67 & RAVENNA

Using AES67 as the native connectivity for Ovation engines, Merging has future proofed users against any progressions in the AoIP landscape. The ability to interconnect network audio streams with any other AES67 compatible system means that installers can use Ovation as their solution with confidence.

Ovation: NATIVE

All the power of Ovation on your laptop

For designers using Ovation, Merging has prepared a version just for you. Run Ovation Native on any Windows computer or laptop and get the job done, even if you are nowhere near the main Ovation PC. Update shows, work through system issues, demonstrate potentials, you can even run shows with Ovation Native! The software, options and interface are exactly the same, and the show files are of course completely transferable between systems... need anything else?

Ovation: Broadcast Ployout

The NEW cart player on the block

The TV industry knows live as well. Whether it is a game show, sporting event, or any other TV production in need of 'at the moment' sound and control, Ovation is the ultimate solution. Tried and tested in some of the most important and influential TV stations around the world, Ovation is more flexible and powerful than the competition, and its usually much more cost effective as well.



Standard/Timed Cue List

Industry standard playlist, with simple grouping hierarchy and centre-focused scrolling for simple "look ahead" views. Timed cue Lists add a chase-able, distinct time reference for each cue list which can be used to fire cues.



Hot/Custom Keys Cue List

Touch Screen-ready cue lists with "Cart Player" functionality. Use hot keys for a default look, or use the Custom keys for a custom designed look, perfect for "non-operator" firing control.



Interaction Rules

"Programming for those who don't program". These rules are a simple way to create inter-cue behaviours based on simple text. "Do something to something else once you've done something, only if something else is happening" .. easy!



Multitrack Cues with Editing

Up to 384 tracks (@1FS) in each cue. Create complex timelines made up of multiple audio files. Mix samplers, file types and media locations and embed them in single cues.



Control Protocol Support

MIDI, MTC, LTC(SMPTE), 9pin, COM, GPIO, TCP/IP, Script/Batch. With inputs for remote show control and outputs for environment control, Ovation has what users need. And the list keeps growing with every release!



Edit with Pyramix

Use Merging's DAW to create complex timelines, complete with dynamic gain, multiple audio files and virtually unlimited track count. Or just use it for simple broadcast editing. It's your choice as it comes free with every Ovation!



384track/256bus Mix Engine

Mix playback from Ovation with live inputs from the environment with ease. Using industry remote standards like Eucon(AVID), Oasis and HUI/MIDI users can push faders and store and recall scenes just like a FOH standard.



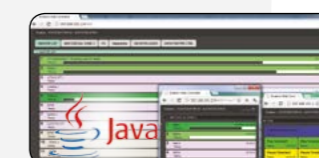
Multi-Ovation Sync

Create a master cue and sync any number of slave cues with phase accuracy, these cues can be on any number of separate Oventions, sitting anywhere on a wired or wireless network. It's easy AND it's bulletproof.



Watchout Synchronisation

When Ovation users need video playback, Merging has provided for this by implementing easy to setup, rock solid and flexible sub-frame sync with the industry standard for video server tools from Dataton AB.



WebServer JavaScript UI

Via any web-enabled device, users can access all the commands of an Ovation show. With no need for an App, the interface appears in any web-browser. Users can even create branded designs using simple JavaScript commands!





Ovation Software available in the following packages:

- Ovation Silver:** A pure audio player with MIDI and GPI/O capabilities, targeted for TV or radio broadcast, OB vans, museums, small theatres or environments where audio layout alone is required.
- Ovation Gold:** An integrated multimedia player supporting all types of cues and control protocols, with advanced editing, design and rehearsal capabilities, typically for theatres, opera houses or theme parks.
- Ovation Platinum:** Equips Ovation Gold with the ability to remote control the internal mix engine using EuCon(AVID), Oasis, or Mackie HUI protocols. Then, store and recall your mixer configurations using the inbuilt scene snapshot and recall tool.
- Ovation WebServer:** Add this option to any of the packs above and allow multiple access points to your Ovation show over standard HTTP (Web Browser) using any web connected device. (comes included in Ovation Platinum).

Ovation is available with the following choice of Audio Engine:

- MassCore:** Merging Technologies' proprietary audio engine. MassCore is by far the most powerful yet cost-effective hardware/software audio DSP available.
- Features:
- Up to 384 Inputs and Outputs @1FS
 - 256 Busses operating up to 384kHz (DXD)/DSD 64, 128, 256 sample rates
 - Latency as low as 5.33ms from Live In to Out
 - Connect to all Merging's Networked Audio Interfaces using RAVENNA.
- Native (ASIO):** For smaller budgets and for use with laptops, the Native Audio Engine uses standard ASIO drivers to connect to any 3rd party audio interface. From USB and FireWire to PCI and PCIe, if it connects with the computer, Ovation is ready for use.
- Features:
- Up to 128 channels @1FS
 - Sample rates from 44.1kHz up to 384kHz (DXD) & DSD 64, 128, 256
 - Use any ASIO device for audio I/O
- * Both audio engines can be used with the Ovation Turnkey Chassis

For information regarding **silent or 4U branded** turnkey chassis, please contact your local Merging representative



PYRAMIX - Turnkey Chassis Specifications

Case material	Cold rolled steel
Weight	9.5kg
Dimensions (2U rack mounting)	483 x 357 x 88 mm
Voltage (AC)	90V-260V, 47-63 Hz
Indicators	On/Off, LAN, HDD
System drive	120GB SSD
Storage	up to 2xHDD (3.5")
Operating system	Windows 64bit

Ovation Accessories



Standard OV keyboard
Theatre/live applications



Hot keys OV keyboard
Broadcast applications



22" touch screen LCD monitor, suitable for all applications

AES67 & RAVENNA:

- Industry standard for Audio over IP
- Compatible with newer Dante devices
- Operates on existing network infrastructure
- Operates in shared traffic environments (w/QoS)
- Hundreds of ultra-low latency audio channels on CAT6

