

AUDIO RENTALS • SOUND PROCESSING

L'ACOUSTICS

Network Management







- Amplified Controllers real time control and monitoring
- Workflow and application driven GUI maximizing productivity and user experience
- · Automatic discovery of the units over the network and assisted unit matching
- Multiple group assignation facilitating advanced system tuning and management
- Comprehensive reporting and log of faults
- Array Morphing tool for tonal balance adjustment
- System resources indication as a function of gain, Array Morphing and EQ
- Interactive tutorials suite

DOLBY LAKE

Processor System





- Supports up to four-in by 12-out signal processing and eight-in by eight-out for EQ applications
- This allocation can be split to provide a 4×4 EQ with a loudspeaker 2×6 configuration as well
- Conversion resolution: 24-bit Internal sample rate: 96kHz
- Internal data path: 32-bit floating point
- System propagation delay: 2 milliseconds any input to any output
- Operating sample rates: 44.1kHz, 48kHz, 88.1kHz, 96kHz
- THD+noise: 0.00003% typical, 20Hz to 20kHz Dynamic Range: 140dB typical, 20Hz to 20kHz



AUDIO RENTALS • SOUND PROCESSING

L'ACOUSTICS P1

AVB Processor





- **Architecture:** 20 x 16 (+ headphones)
- Busses: 8 DSP busses + Cue Bus
- I/O: 8 Milan-AVB I/O, 4 Line I/O, 4 AES I/O, 4 Mic/Line inputs (48V)
- Processing (per bus): Gain, mute, polarity, delay 16 EQ filters Clip protection
- Height: 1U
- **Network:** Milan-certified with seamless network redundancy









Prodigy MP

Processor System





- Flexible I/O, dual network audio, DSP functions, sample rate conversion + hard and software
- Fully modular, the hardware can be configured to specific requirements
- Features two A slots, two B slots and four C slots
- A slot: audio network, multi-port MADI or USB up to 128 channels per module
- B slot: single-port MADI 64 channels per module
- C slot: converter (mic/line, AD/DA) and AES3 8 channels per module
- Multi Format: RAVENNA / AES67 Dante | SoundGrid AVB / MILAN MADI single-port, multi-port
 -Analog AES3 USB
- DSP, SRC & Sync management





AUDIO RENTALS • AMPLIFICATION

L'ACOUSTICS LA4X

Amplified Controller





• Architecture: 4 x 4

• Output Power: 4 x 1000 W at 4 and 8 ohms

• Power Supply: Universal SMPS with PFC

• Inputs: Milan-AVB, AES/EBU, Analog

• Height: 2U

Network: Milan-certified









L'ACOUSTICS LA12X

Amplified Controller





• Architecture: 4 x 4

• Output Power: 4 x 3300 W at 2.7 ohms - 4 x 2600 W at 4 ohms - 4 x 1400 W at 8 ohms

• Power supply: Universal SMPS with PFC

• Inputs: Milan-AVB, AES/EBU, Analog

• Network: Milan-certified with seamless network redundancy













AUDIO RENTALS • AMPLIFICATION

L'ACOUSTICS LA7.16

Multi-Channel Amplified Controller





- Architecture: 16 x 16
- Output Power: 16 x 700 W at 16 ohms 16 x 1300 W at 8 ohms 16 x 1100 W at 4 ohms
- Power Supply: Universal SMPS with PFC
- Inputs: Milan-AVB, AES/EBU, Analog
- **Network:** Milan-certified with seamless network redundancy









L'ACOUSTICS LA-RAK III

Touring Rack





- Architecture: 48 channels of amplification
- Output Power: Up to 62,400 W at 8 ohms
- Power supply: Three-phase 32 A IEC in/link 30 A NEMA for 110 V
- Inputs: Milan-AVB, AES/EBU, Analog
- Network: Milan-certified with seamless network redundancy









AUDIO RENTALS • AMPLIFICATION

L'ACOUSTICS LA-RAK II AVB Touring Rack





- Architecture: 12 channels of amplification
- Output Power: Up to 40 000 W at 2,7 ohms
- Power supply: Three-phase 32 A IEC in/link 30 A NEMA for 110 V
- Inputs: Milan-AVB, AES/EBU, Analog
- **Network**: Milan-certified with seamless network redundancy







L'ACOUSTICS K1

Long Throw Loadspeakers



Max SPL: 149 dB Bandwidth: 35 Hz- 20 KHz.

Transducers: LF:2x15" MF:4x6.5" HF:3x3"

Weight: 106 kg / 234 lb **Directivity:** H: 90° V: 5°

Large Format WST Line Source > 3-way active, dual 15" • Exceptional SPL, LF and throw capability for stadium and festivals

New K transducer configuration for smooth horizontal radiation pattern

• State of the art rigging system for laser-like accuracy and quick set-up

Dedicated LA-RAK K touring system package

New preset library for "out of the box" results and easy tuning



CURVATURE LINE



L-VENTS





L'ACOUSTICS K2

Long Throw Loudspeakers



Max SPL: 147 dB Bandwidth: 35 Hz- 20 KHz **Transducers:** LF:2x12" MF:4x6.5" HF:2x3"

Weight: 56 kg / 123 lb **Directivity:** H: 70° / 90° / 110° V: 10°

Variable Curvature WST Line Source > 3-way active, dual 12"

V-DOSC SPL and bandwidth, with 10° inter element flexibility

• 100% acoustic and rigging compatibility with K1 and K1-SB

LA-RAK (LA8) advanced system drive and protection

Low-weight for rigging limitations and cost-effective logistics





L-VENTS



PANFLE)









L'ACOUSTICS KARA II

Long Throw Loudspeakers





- Max SPL: 142 dB Bandwidth: 55 Hz- 20 KHz Transducers: LF: 2 × 8" HF: 1 × 3"
- Weight: 26 kg / 57 lb Directivity: H: 70° / 90° / 110° V: 10°
- The dawn of a new KARA II > 2-way active, dual 8"
- Compact and lightweight design, compliant with rigging and sightline constraints
- Extended LF resources for contour requirements from flat to medium
- Clarity, intelligibility and precision for vocal, speech and lead instruments
- 110° horizontal directivity for distributed applications, fills and central clusters
- LA-RAK (LA8) advanced system drive and protection
- State-of-the-art rigging system for high accuracy and quick set-up











L'ACOUSTICS K3

Long Throw Loudspreakers



Max SPL: 143 dB Bandwidth: 42 Hz- 20 KHz Transducers: LF: 2 × 12" - HF: 1 × 4"



CURVATURE SOURCE



I-VENTS



PANFLEX



Compact and lightweight design, compliant with rigging and sightline constraints

Clarity, intelligibility and precision for vocal, speech and lead instruments

State-of-the-art rigging system for high accuracy and quick set-up



• Weight: 43 kg / 95 lb Directivity: H: 70° / 90° / 110° V: 10°

• Full-range. Compact. No compromises > 2-way active, dual 12"



L'ACOUSTICS A10 FOCUS Medium Throw Loudspeakers









- Max SPL: 140 dB Bandwidth: 66 Hz- 20 KHz Transducers: LF: 1 x 10" HF: 1 x 2.5"
- **Weight:** 22 kg / 49 lb **Directivity:** H: 70° / 90° / 110° V: 10°
- Performance and discretion > 2-way passive, 10"
- Compact and lightweight design, compliant with rigging and sightline constraints
- Clarity, intelligibility and precision for vocal, speech and lead instruments
- State-of-the-art rigging system for high accuracy and quick set-up





L'ACOUSTICS A10 WIDE Medium Throw Loudspreakers









L-VENTS







- **Max SPL:** 137 dB **Bandwidth:** 67 Hz- 20 KHz **Transducers:** LF: 1 x 10" HF: 1 x 2.5"
- Weight: 20 kg / 44 lb Directivity: H: 70° / 90° / 110° V: 30°
- Performance and discretion > 2-way passive, 10"
- Compact and lightweight design, compliant with rigging and sightline constraints
- Clarity, intelligibility and precision for vocal, speech and lead instruments
- State-of-the-art rigging system for high accuracy and quick set-up



L'ACOUSTICS A15 FOCUS Medium Throw Loudspeakers







- Max SPL: 144 dB Bandwidth: 41 Hz- 20 KHz Transducers: LF:1x15" HF:1x3"
- Weight: 35 kg / 77 lb Directivity: H: 70° / 90° / 110° V: 10°
- Performance and simplicity > 2-way passive, 15"
- Compact and lightweight design, compliant with rigging and sightline constraints
- Clarity, intelligibility and precision for vocal, speech and lead instruments
- State-of-the-art rigging system for high accuracy and quick set-up



L-VENTS





L'ACOUSTICS A15 WIDE Medium Throw Loudspreakers





CONSTANT SOURCE



L-VENTS





- Max SPL: 141 dB Bandwidth: 42 Hz- 20 KHz Transducers: LF:1x15" HF:1x3"
- Weight: 33 kg / 73 lb Directivity: H: 70° / 90° / 110° V: 30°
- Performance and simplicity > 2-way passive, 15"
- Compact and lightweight design, compliant with rigging and sightline constraints
- Clarity, intelligibility and precision for vocal, speech and lead instruments
- State-of-the-art rigging system for high accuracy and quick set-up



L'ACOUSTICS L2

Long Throw Loudspeakers



• **Max SPL:** 155 dB **Bandwidth:** 45 Hz- 20 kHz

• Transducers: LC: 4 x 12" LF: 8 × 10" HF: 8 × 3"

• **Weight:** 158 kg / 348 lb **Directivity:** V: 10°

• H: Four modules Panflex: 70° / 90° / 110° Integrated cardioid

• The Sound. The Shape. The Future > Award winning design

• 16-channel PULS for medium and large size events

Compact design, compliant with rigging and sight-lines

• Clarity, intelligibility & precision for vocal, speech and instruments

• State-of-the-art rigging system for accuracy and quick set-up



INTEGRATED CARDIOID



PROGRESSIVE ULTRA-DENSE LINE SOURCE







L'ACOUSTICS L2D

Long Throw Loudspreakers



• Max SPL: 151 dB Bandwidth: 45 Hz- 20 kHz

• Transducers: LC: 4 x 12" LF: 8 × 10" HF: 8 × 3"

• **Weight:** 149 kg / 328 lb **Directivity:** V: 60°

• **H:** Top two modules **Panflex:** 70° / 90° / 110°

• Bottom two modules progressive 110° to 140°

• The Sound. The Shape. The Future > Award winning design

• 16-channel PULS for medium and large size events

• Compact design, compliant with rigging and sight-lines

• Clarity, intelligibility & precision for vocal, speech and instruments

• State-of-the-art rigging system for accuracy and quick set-up



INTEGRATED



PROGRESSIVE ULTRA-DENSE LINE SOURCE











AUDIO RENTALS • POINT SOURCE NON POWERED

L'ACOUSTICS X8

Short Throw Loudspeakers



• Max SPL: 128 dB Bandwidth: 60 Hz- 20 KHz

• Transducers: LF:1x8" HF:1x1.5"

• Weight: 12 kg / 26.5 lb Directivity: H: 100° V: 100°

Big PA sound in a compact box > 2-way passive, 8"

• Compact design, compliant with rigging and sightlines

• Clarity, intelligibility & precision for vocal, speech and instruments

• State-of-the-art rigging system for accuracy and quick set-up



POIN



COAXIAL



L-VENTS

L'ACOUSTICS X12

Short Throw Loudspreakers



Max SPL: 136 dB **Bandwidth:** 59 Hz- 20 kHz

• Transducers: LF:1x12". HF:1x3"

• Weight: 20 kg / 44.1 lb Directivity: H: 90° V: 60°

• Jack of all trades > 2-way passive, 12"

· Compact design, compliant with rigging and sightlines

• Clarity, intelligibility & precision for vocal, speech and instruments

• State-of-the-art rigging system for accuracy and quick set-up



SOURCE



COAXIAL



L-VENTS



ELLIPSOID WAVEGUIDE





AUDIO RENTALS • POINT SOURCE NON POWERED

L'ACOUSTICS X15 HIQ

Short Throw Loudspeakers





POINT SOURCE



COAXIAL

- Max SPL: 138 dB Bandwidth: 55 Hz- 20 KHz Transducers: LF:1x15" HF:1x3"
- Weight: 21 kg / 46 lb Directivity: H: 60° V: 40°
- Diva of the stage > 2-way active, 15"
- Compact design, compliant with rigging and sightlines
- Clarity, intelligibility & precision for vocal, speech and instruments
- State-of-the-art rigging system for accuracy and quick set-up



L-VENTS



ELLIPSOID WAVEGUIDE

L'ACOUSTICS SYVA

Medium Throw Loudspreakers



- Max SPL: 137 dB Bandwidth: 87 Hz- 20 KHz
- Transducers: LF: 6 x 5" HF: 3 x 1.75"
- Weight: 21 kg / 46 lb Directivity: H: 140° V: +5°/-21°
- Performance Art > 2-way passive, 5"
- · Compact design, compliant with rigging and sightlines
- Clarity, intelligibility & precision for vocal, speech and instruments
- State-of-the-art rigging system for accuracy and quick set-up



COLINEAR SOURCE



DOSC



L-VENTS



L-FINS



AUDIO RENTALS • POINT SOURCE NON POWERED

L'ACOUSTICS SYVA LOW Medium Throw Loudspreakers



• Max SPL: 137 dB Low Frequency Limit: 40 Hz

• Transducers: LF:2x12"

• Weight: 29 kg / 64 lb Directivity: Standard

• Performance Art > Bass reflex, dual 12"



• Clarity, intelligibility & precision for vocal, speech and instruments

State-of-the-art rigging system for accuracy and quick set-up

L'ACOUSTICS 5XT

Short Throw Loudspeakers







• Max SPL: 121 dB Bandwidth: 95 Hz- 20 KHz Transducers: LF:1x5" HF:1x1"

• Weight: 3.5 kg / 7.7 lb Directivity: H: 110° V: 110°

• Good things in small packages > 2-way passive, 5"

• 110° conical directivity with smooth off-axis radiation

• Microphone stand or U-Bracket mount

• LF extension with SB15m LA4/LA8 control and protection



AUDIO RENTALS • POINT SOURCE POWERED

QSC K8.2

Medium Throw Loudspreakers



- Max SPL: 128 dB Frequency Response: 59 Hz 20 kHz
- Transducers: LF: 203 mm (8-inch) HF: 35.6 mm (1.4-inch)
- Weight: 12.2 kg / 27 lb Nominal Coverage Area: 105° Axisymetric
- Multi-purpose, 2-way active loudspeaker, 8"
- 2000 Watt Class-D amplifier module
- Intrinsic Correction[™] tuning and loudspeaker management
- Directivity Matched Transition design has excellent power response
- Refined, professional appearance looks great in any application
- Deployment in either main PA or floor monitor position

QSC K12.2

Medium Throw Loudspeakers



- Max SPL: 132 dB Frequency Response: 50 Hz 20 kHz
- Transducers: LF: 305 mm (12-inch) 35.6 mm (1.4-inch)
- Weight: 17.7 kg / 39 lb Nominal Coverage Area: 75° Axisymetric
- Multi-purpose, 2-way active loudspeaker, 12"
- 2000 Watt Class-D amplifier module
- Intrinsic Correction[™] tuning and loudspeaker management
- Directivity Matched Transition design has excellent power response
- Refined, professional appearance looks great in any application
- Deployment in either main PA or floor monitor position



AUDIO RENTALS • POINT SOURCE POWERED

MEYER SOUND UPJ-IP

Medium Throw Loudspreakers



- Max SPL: 125 dB Frequency Response: 55 Hz 20 kHz
- Transducers: LF: 10" cone driver Voice coil size: 2"
- HF: 3" compression driver Voice coil size: 3"
- Weight: 46 lbs / 20.87 kg Nominal Coverage Area: 80° x 50°
- Multi-purpose, 2-way active loudspeaker, 10"
- Exceptional fidelity and extended high frequency enhance performance
- Compact package delivers surprising power capability
- Constant-Q horn affords uniform response throughout the coverage area
- Extraordinarily flat amplitude and phase response provide tonal accuracy

MEYER SOUND UPM-1P Medium Throw Loudspeakers



- Max SPL: 118.5 dB Frequency Response: 75 Hz 20 kHz
- Transducers: LF: Two 5-inch cone drivers HF: 1-inch metal dome tweeter
- Weight: 22 lb / 9.98 kg Nominal Coverage Area: 100° x 100°
- Multi-purpose, 2-way active loudspeaker, 5"
- Exceptional fidelity and extended high frequency enhance performance
- Compact package delivers surprising power capability
- · Wide, symmetrical pattern covers broad listening areas
- Unique crossover design eliminates combing for consistent midrange response
- Metal dome driver provides exceptionally smooth high-frequency characteristic



AUDIO RENTALS • POINT SOURCE POWERED

YAMAHA HS 8

Spreaker



- 2-way bass-reflex bi-amplified nearfield monitor
- 8" cone woofer and 1" dome tweeter
- 38 Hz-30kHz frequency response
- 75W LF plus 45W bi-amp system
- High-performance 120W power amplification
- ROOM CONTROL and HIGH TRIM response controls
- XLR and TRS phone jack inputs accept balanced or unbalanced signals

YAMAHA MS 101

Speaker



- 10-cm full-range speaker with 10 watts output
- Three inputs: mic x1 (phone), line x 2 (phone & RCA pin)
- Tone Control
- Line output allows addition of external speaker



AUDIO RENTALS • SUBWOOFERS NON POWERED

L'ACOUSTICS KS21

Subwoofer Loudspeakers







L-VENTS

- Max SPL: 139 dB Low Frequency Limit: 29 Hz Transducers: LF: 1 x 21"
- Weight: 49 kg / 108 lb Directivity: Standard or cardioid configurations
- High power subwoofer, 21"
- · Compact design, compliant with rigging and sightlines
- State-of-the-art rigging system for accuracy and quick set-up
- Clarity, intelligibility & precision

L'ACOUSTICS KS28

Subwoofer Loudspeakers







L-VENTS

- Max SPL: 143 dB Low Frequency Limit: 25 Hz Transducers: LF: 2 x 18"
- Weight: 79 kg / 174 lb Directivity: Standard or cardioid configurations
- Reference high power subwoofer, dual 18"
- Compact design, compliant with rigging and sightlines
- State-of-the-art rigging system for accuracy and quick set-up
- Clarity, intelligibility & precision



AUDIO RENTALS • SUBWOOFERS NON POWERED

L'ACOUSTICS SB28

Subwoofer Loudspeakers







OMNI / CARDIO SUBWOOFER

L-VEN

- Max SPL: 142 dB Usable Bandwidth: 25 Hz 117 Hz Transducers: LF: 2 × 18"
- Weight: 93 kg / 205 lb Directivity: Standard or cardioid configurations
- High Power Passive Subwoofer 2x18-Inch
- Compact design, compliant with rigging and sightlines
- 6 ergonomic handles 2 stacking runners and matching top tracks
- Integrated rails for flown configuration with loudspeakers of the same family
- State-of-the-art rigging system for accuracy and quick set-up
- Clarity, intelligibility & precision



AUDIO RENTALS • SUBWOOFERS POWERED

MEYER SOUND UMS-1XP

Subwoofer Loudspeakers



- Max SPL: 127 dB Frequency Range: 25 Hz 160 Hz Transducers: LF: 2 × 10"
- Weight: 58 lbs (26.3 kg) Coverage: 360 degrees for single unit
- 2 x 10" UltraCompact Subwoofer > Powerful low-frequency extension
- IntelligentDC technology affords the flexibility of lengthy cable runs without conduits
- Linear driver excursion ensures clean bass with very low distortion

QSC KW181

Subwoofer Loudspeakers



- Max SPL: 135 dB Frequency Range: 34 Hz 143 Hz
- Transducers: 18" cone transducer Weight: 88 lb / 40 kg
- Coverage: 360 degrees for single unit
- 18" UltraCompact Subwoofer > Powerful low-frequency extension
- 1000 watt Class D continuous power
- Extensive DSP featuring DEEP™ and Intrinsic Correction™
- Rugged, texture-painted birch enclosure
- Tour-grade 16 gauge steel grilles & Threaded pole socket
- Mounting pole included (35 mm diameter, 36 inches (91 cm) long, M20 thread.)



Avid SGL

Professional Mixing Console



- Meet the most demanding live sound challenges with the industry's most powerful processing engine
- Deliver the best sound quality with high-performance preamps and extended sample rate support
- Unmatched sound processing and tactile control through fully integrated, onboard plug-ins
- Unprecedented Pro Tools, like Virtual Soundcheck, over Ethernet AVB an Thunderbolt no interface required
- Share I/O across multiple networked systems with advanced gain tracking
- Visual feedback and instant access to your most important functions through high-resolution touch screens and OLED displays
- Configure the modular system components and I/O to meet the demands of any live production
- Interface with network and I/O formats like Ethernet AVB, Dante, MADI, Thunderbolt, and more
- Enjoy the familiar VENUE workflows and interface and you know and love, with show file compatibility

DIGICO SD12

Digital Mixing Console



- Compact in size but big on features
 72 channels at 48kHz/96kHz
 36 Aux / Sub-Group Busses
- LR/LCR Master Buss
 12 x 8 Full Processing Matrix
 119 Dynamic Equalizers
 48/96 kHz Sample Rate
- Standard channel processing across both inputs and outputs Channel Delay, Single and Multi-Channel
- Dual insert points Hi- and Lo-pass filters @ 24dB/octave
- Four-band parametric EQ with band curve selection
 36 busses assignable as sub-groups or auxiliaries
- DiGiCo's DYN 1 (Compressor, De-esser or Multiband Compressor) and DYN 2 (Gate, Compressor or Ducker)
- 119 Dynamic EQ processors which can be assigned to any of the input or output channels; 119 Multiband
 Compressors and 119 DiGiTuBes
 12×8 output matrix, dual solo busses, and a Master buss
- 16 graphic EQs, 12 digital effects, and up to 12 control groups (VCAs)





DIGICO SG9

Digital Mixing Console

- Faders: 24 x 100mm Touch-sensitive, motorized
- Screens: 1x15" (38cm) LCD high resolution touch screen
- Input Channels: 48 Flexi channels Mono or Stereo
- Matrix: 12 x 8 Matrix (additional to busses above)
- Control Groups: 8, Selectable for VCA-style, Moving Fader, Mute Group
- Graphic EQ: 16 x 32-band, Gain +/- 12dB
 Internal FX: 8 Stereo FX Processors
 GPI: 2 x 1/4" Jack TF
- Local I/O: 8 x Mic/Line I/O, 4 x AES/EBU: I/O (Mono) MADI Interface: In / Out USB Ports (3): USB 2
- Optic Interface: Optocore (Optional Factory Fit Only) MIDI Interface: In / Out / Thru
- VGA Port: DB-15 Mini-Female (1024 x 768 Resolution) Solo Busses: 2 Stereo Busses
- Light Connection (2): XLR3 1.2 12V Ext Sync: Word Clock, MADI GPO: 2 x 1/4" Jack TF
- Headphone: TRS Unbalanced / 8-600 Ohms 1/4 Inch Jack
 Busses: 24 Flexi* (full processing**)
- SD9 Dimensions: 878mm (w) x 785mm (d) x 262mm (h) SD9 Weight: 36Kg (105Kg with flight case)
- SD9 Flightcase: 1063mm (w) x 1131mm (h) x 472mm (d)
- SD9 Power: 90-264 VAC, 47-63Hz Auto Sensing 208 watts, 232VA Requirements
- Redundancy: Internal PSU x 2 (Optional) Meters: 24 x 8-Segment LED bargraph

DIGICO Q225

Professional Mixing Console



- 72 Input Channels 36 Aux / Sub-Group Busses LR/LCR Master Buss 12 x 12 Full Processing Matrix
- 155 Dynamic Equalizers 48/96 kHz Sample Rate
- Despite being a smaller format console, there hasn't been any sacrifice when it comes to connectivity
- Local I/O: Quantum 225's local I/O includes 8 analogue inputs, 8 analogue outputs and 2 AES I/O
- MADI: Quantum 225 offers 2 redundant MADI in/out at 48kHz
- Also be configured as 4 MADI I/O. At 96kHz this acts as 2 MADI I/O with full channel counts.
- Optocore: Quantum 225 offers the option to add a single or dual loops of Optocore
- **UBMADI**: 48-channel UBMADI, connect laptop via USB and get 48 channels of recording and playback



(818) 266-2232





DIGICO Q338

Digital Mixing Console

- 128 Input Channels 64 Aux / Sub-Group Busses
- LR/LCR/LCRS/5.1 Master Buss 24 x 24 Full Processing Matrix
- 286 Dynamic Equalizers
 48/96 kHz Sample Rate
- Trio of 17-inch, 1000 nit, high brightness multitouch screens at your disposal
- 70 individual TFT channel displays join the floating Quantum chassis with 38 100mm touch sensitive faders in three blocks of 12 fader banks plus two dedicated user-assignable faders, with high resolution metering
- Ultimate Stadius 32-bit ADC and DAC conversion, built into the Quantum 338 as standard alongside six single or three redundant MADI connections, dual DMI slots and a built-in UB MADI USB recording interface
- Mustard Processing channel strips, Spice Rack plugin style native FPGA processing options, Nodal Processing and True Solo.



- Input channels: 72 mono, 8 stereo
- Stainless steel stay for iPad support
- Built-in meter bridge
- Fader configuration: 16-fader left section, 8-fader Centralogic section, 8-fader right section, 2-fader master





YAMAHA QL5

Professional Mixing Console

- Mix channels: 64 mono, 8 stereo
 Local I/O: 32 in, 16 out
- Busses: 16 mix, 8 matrix (Input to Matrix supported)
- Dugan Automixing: Renowned Dan Dugan automatic
- Fader configuration: 32 + 2 (Master)
- Port-to-Port Dante Networking: Allows QL console inputs and
- Outputs to act as a "stage box" for interconnecting with other Dante-equipped consoles
- Microphone mixing is built-in to the QL consoles
 Stainless steel iPad support stays
- Dual Channel Inserts: Each input channel features dual insert
- Points for advanced signal routing and processing
- File Compatibility with CI-Series: Console mix data is interchangeable between CL and QL (and vice versa)
- Intuitive and familiar touchscreen (same as that of CL series)

YAMAHA QL1

- Mix channels: 32 mono, 8 stereo
- Busses: 16 mix, 8 matrix (Input to Matrix supported)
- Fader configuration 16 + 2 (Master)
- 16 + 2 fader configuration in a compact, rack mountable unit





YAMAHA MG10XU

Professional Mixing Console

- 10-Channel Mixing Console
 Max 4 Mic / 10 Line Inputs (4 mono + 3 stereo)
- 1 Stereo Bus 1 AUX (incl. FX)
 PAD switch on mono inputs
- "D-PRE" mic preamps with an inverted Darlington circuit
- 1-Knob compressors High-grade effects: SPX with 24 programs
- 24-bit / 192kHz 2in / 2out USB Audio functions
 +48V phantom power
- Includes Cubase AI DAW software download version
 XLR balanced outputs
- Works with iPad (2 or later) through Apple iPad Camera Connection Kit / Lightning to USB Camera Adapter



YAMAHA MG10

Professional Mixing Console

- Type Analog Channels 10 Weight: 4.19 lbs
- Inputs Mic Preamps 4 x Combo (TRS/XLR)
- Line 6 x TRS / 4 x RCA Headphones 1 x 1/4"
- Outputs Main 2 x XLR, 2 x TRS / 2 x TRS (Monitor Out)
- Send/Return I/O1xTRS
 Phantom Power 4
- EQ Bands 3-Band (High, Mid, Low)



YAMAHA MG10

- Input mixing channels: 72 mono Buses: 48 Mix + 12 Matrix + 2 Stereo
- Display: 12.1" multi-touch screen x 1, 7" multitouch screen x 1
- Faders: 16 (12 + 4) Analog I/O: 16 inputs / 16 outputs
- Dante: 144 in / 144 out
 AES/EBU: 1 out
 Slot: PY Slot x 1
- USB Audio Interface: 18 in / 18 out
 Power consumption: 240 W
- Power supply: Redundant power supply built-in
 Net Weight: 16.5 kg /36.4 lb
- Dimensions (W x H x D): 468 mm x 324 mm x 564 mm (18.5" x 12.8" x 22.2")







YAMAHA DM3-D

- 8 + 1 fader configuration 9-inch multi-touch screen
- Input mixing channels: 16 mono + 1 stereo + 2 FX return
- Busses: 1 Stereo, 6 Mix, 2 FX, 2 Matrix (Supports Input to Matrix)
- Dante: 16 inputs, and 16 outputs USB: 18 inputs, and 18 outputs
- 18 Effects, and GEQ on Mix 1-6 and Stereo channels
- Sampling rate: 48kHz/96kHz Net weight: 14.3 lbs
- Dimensions (W x H x D): 320 mm × 140 mm × 455 mm
- Local I/O: 16 Mic/Line (12 XLR + 4 XLR/TRS Phones Combo) inputs, and 8 (XLR) outputs





YAMAHA RIO 1608D

3U Digital Stage Box



- Sampling frequency rate: Internal: 44.1kHz, 48kHz, 88.2kHz Total harmonic distortion: Less than 0.05%
- 96kHz External: 44.1kHz: +4.1667%, +0.1%, -0.1%, -4.0% (±200ppm) / 48kHz: +4.1667%, +0.1%, -0.1%, -4.0% (±200ppm) / 96kHz: +4.1667%, +0.1%, -0.1%, -4.0%
- Frequency response: +0.5, -1.5dB 20Hz-20kHz, refer to +4dBu output @1kHz, INPUT to OUTPUT, Fs=44.1kHz, 48kHz / +0.5, -1.5dB 20Hz-40kHz, refer to +4dBu output @1kHz, INPUT to OUTPUT, Fs=88.2kHz, 96kHz
- Dynamic range: 108dB typ., INPUT to OUTPUT, Input Gain = Min
- Crosstalk: -100dB, adjacent INPUT/OUTPUT channels, Input Gain = Min

YAMAHA RIO 3224D

5U Digital Stage Box



- Sampling frequency rate: Internal: 44.1kHz, 48kHz, 88.2kHz, 96kHz External: 44.1kHz: +4.1667%, +0.1%, -0.1%, -4.0% (±200ppm) / 48kHz: +4.1667%, +0.1%, -0.1%, -4.0% (±200ppm) / 88.2kHz: +4.1667%, +0.1%, -0.1%, -4.0% (±200ppm) / 96kHz: +4.1667%, +0.1%, -0.1%, -4.0%
- Total harmonic distortion: Less than 0.05% Frequency response: +0.5, -1.5dB 20Hz-20kHz, refer to +4dBu output @1kHz, INPUT to OUTPUT, Fs=44.1kHz, 48kHz / +0.5, -1.5dB 20Hz-40kHz, refer to +4dBu output @1kHz, INPUT to OUTPUT, Fs=88.2kHz, 96kHz
- Dynamic range: 108dB typ., INPUT to OUTPUT, Input Gain = Min
- Crosstalk: -100dB, adjacent INPUT/OUTPUT channels, Input Gain = Min





YAMAHA RIO 3224-D2

High-Performance I/O Rack

- Sam32 analog inputs and 16 outputs, and 8 digital outputs
- Dimensions (WxHxD): 480 x 220 x 368mm (18.9" x 8.7" x 14.5")
- Dual power supply units are built in for high reliability
- Power consumption: 120W Net Weight: 13.5 kg (29.8 lbs)
- Redundant connections supported with primary and secondary connectors Daisy chain supported



YAMAHA RIO 3224-D3

High-Performance I/O Rack

- Analog I/O: 32 inputs / 16 outputs
 AES/EBU: 8 outputs
- Dante: 26 receive / 32 transmit channels
- Onboard headphone socket
 Power consumption: 100 W
- Dimensions (WxHxD): 480 x 220 x 370 mm (18.9" x 8.7" x 14.6")
- Comprehensive display and local control of gain, delay and other parameters
- Dual power supply units are built in for high reliability
 Net Weight: 13.2 kg (29.1 lb)



YAMAHA RIO 1608-D2

High-Performance I/O Rack

- 32 analog inputs and 16 outputs, and 8 digital outputs
- Dimensions (WxHxD): 480 x 220 x 368mm (18.9" x 8.7" x 14.5")
- Dual power supply units are built in for high reliability
- Power consumption: 120W
 Net Weight: 13.5 kg (29.8 lbs)
- Comprehensive display and local control of gain and other parameters
- Redundant connections supported with primary and secondary connectors Daisy chain connections also supported







YAMAHA RIO 1608-D3

High-Performance I/O Rack

- Analog I/O: 16 inputs / 8 outputs
 Power consumption: 60 W
- Dante: 10 receive / 16 transmit channels
- Onboard headphone socket
 Net Weight: 9.4 kg (20.7 lb)
- Dimensions (WxHxD): 480 x 132 x 370 mm (18.9" x 5.2" x 14.6")
- Dual power supply units are built in for high reliability
- Comprehensive display and local control of gain, delay and other parameters



DIGICO SD RACK

High-Performance I/O Rack



- 192 kHz analogue I/O converters and multiple digital formats including: MADI, AES, ADAT and Aviom
- Sample Rate Conversion MADI at 48kHz for broadcast or recording feeds, for example, or 96kHz
- The Versatility of Gain Tracking[™] and Splitting (+/-40dB)
- 56 input / 56 output arrangement, in blocks of eight, populate SD Rack with I/O cards
- Other useful touches are '48V present' LEDs that light to confirm 48V is present per XLR
- Audio connections completed by either a 2G Optocore™ optical connection or dual MADI interface providing a MADI main and a MADI auxiliary input and output
- SD Rack USB Port feature allows remote monitoring and control of all SD Rack settings with an attached PC or Intel® based Mac





DIGICO D RACK

High-Performance I/O Rack



- 32 microphone inputs, 8 line outputs and 8 modular outputs that can be selected as either analogue or AES, providing a maximum capacity of 32 ins and 16 outs
- With a digital CAT5E cable to connect to the console work surface, the hum and noise of analogue multicores are eliminated
- Can also run @96kHz on CAT5E with 28 Mic inputs and up to 16 outputs
- Offers the options of Rack mount ears, an extra PSU (for redundancy) and fibre optic connection



AUDIO RENTALS • WIRELESS MICROPHONES

SHURE UHF-R Wireless Microphone System (Freq H4, G1)



- Transmitter form factors include handheld, bodypack, plug-on and micro bodypack options; receiver form factors include single, dual and portable configurations
- Power options include AA batteries (UR1, UR2, UR3 or UR5), AAA batteries (UR1M), Shure SB900 Lithium Ion Rechargeable Battery (UR5) and DC power (UR5)
- Up to 75 MHz overall tuning bandwidth (region and receiver dependent)
- Up to 40 preset compatible systems per frequency band (region dependent)

SHURE ULX-D

Wireless Microphone System



- Transmitter form factors include handheld and bodypack; receiver options include single, dual, and quad channel
- Power options include Shure SB900 Lithium-Ion Rechargeable Battery and AA batteries
- Up to 64 MHz overall tuning bandwidth (region dependent)
- Up to 47 active transmitters in one 6 MHz TV channel (63 in one 8 MHz TV channel) in High Density mode





AUDIO RENTALS • WIRELESS MICROPHONES

SHURE AXIENT DIGITAL

Wireless Microphone System



- Modulation scheme uses patent-pending technology to provide maximum signal stability
- 5 segment Channel Quality meter allows real-time analysis of RF signal-to-noise, enabling operating range assessments and visibility into potential interference
- 2 discrete RF signals per receiver channel using a quality-based maximal-ratio-combining algorithm
- 4 antenna inputs to a single channel via patented technology, can provide extended coverage and option for separate zones, plus added resistance against multipath interference and RF noise
- Expansive tuning bandwidth of up to 184 MHz across all receivers and transmitters supplies broad strategic spectrum coverage while simplifying inventories for both sellers and operators
- High Density transmission mode increases system channel count, with up to 47 active channels per 6
 MHz TV band (63 channels / 8 MHz)
- Selectable transmission modes and power levels enable optimum range and audio quality, with analog-type resilience, artifact-free muting, and fast signal recovery at end of range
- Signal quality is maximized by transmitting two identical signals on independent frequencies
- Real-time monitoring via the AXT600 Spectrum Manager, neutralize RF interference by manually switching signal to a clear backup frequency or by programming the system to do it automatically
- Industry-leading low latency, transparent frequency response, and wide dynamic range
- Impressive 2 milliseconds from microphone transducer to analog output guarantees seamless, cohesive sound. (Latency is transmission mode dependent. High Density mode latency is 2.9 ms.)
- Flat frequency response over a wide range from 20 Hz to 20 kHz provides accurate audio reproduction
- Advanced Encryption Standard (AES) 256-bit encrypted signal
- ADX transmitters with ShowLink give engineers comprehensive remote control of all transmitter parameters using 2.4 GHz diversity wireless connection, allowing change of settings from control booth





AUDIO RENTALS • PERSONAL MONITOR SYSTEMS

PSM 1000

Personal Monitor Systems

- Advanced In-Ear Personal Monitoring System
- Touring-Grade Design and Performance
- Used in largest arenas & biggest stages
- Superb audio quality
- Pristine RF signal
- More on-air channels
- Streamlined setup and use
- Full-rack, dual channel wireless transmitter
- Touring-grade, all-metal chassis



- Internal power supply with IEC in/out ports enables easy power chaining in the rack
- Backwards compatibility with PSM®900 receivers for simplified inventory management
- Diversity bodypack improves signal reception and increases range
- Front-end RF filtering reduces RF interference for cleaner, stronger RF signal, fewer dropouts
- CueMode allows monitoring of different stage mixes and storing of up to 20 separate channels
- Up to 72 MHz Tuning Bandwidth (region dependent) provides flexibility in crowded RF environments
- Send the identified frequencies and spectrum plot to the P10T transmitter over IR sync
- Program compatible frequency assignments from one transmitter to every other P10T transmitter on the network over Ethernet connection for vastly simplified and streamlined setup
- Spectrum display provides a front-panel spectrum plot with selectable zoom
- Fully compatible with Wireless Workbench® 6, which provides advanced RF spectrum plotting,
 comprehensive frequency coordination, and live monitoring and adjustment of transmitter settings
- SB900 lithium-ion rechargeable battery provides extended usage times
- SCB800-US eight-bay charger brings up to eight SB900 batteries to full charge within two hours





PIONEER DJM-V10

6 Channel Professional DJ Mixer

- 6-channel unit loaded with unique features
- Produces warm audio full of energy and presence
- MIDI Control: Full assignable MIDI controls
- Inputs: 6 DIGITAL (Coaxial) 6 LINE (RCA) 4 PHONO (RCA)
- Mic Connection: XLR / 1/4-inch Combo Jack 1/4-inch TRS Jack
- DVS Control: Rekordbox Serato DJ Pro TRAKTOR PRO 3 Weight: 26.24 lb
- Sampling Rate: 96 kHz A/D Converter: 32 bit D/A Converter: 32 bit
- S/N Ratio Line: 105 dB S/N Ratio Phono: 88 dB S/N Ratio Mic: 79 dB
- EQ: 4 band Channels: 6 Filter: HPF LPF LAN: 1 Fader Curve: 3
- SEND: Short Delay Long Delay Dub Echo Reverb 2 Externals (1/4-inch TS jack)
- MULTII/O: 1/4-inch jack USB (Type A) USB: 2 USB B ports 1 USB A port
- Beat FX: Delay Echo Ping Pong Spiral Helix Reverb Shimmer Flanger Phaser Filter Trans Roll Pitch
- Outputs: 2 MASTER (XLR, RCA) 1 BOOTH (1/4 inch TRS Jack) 4 HEADPHONE MONITOR (1/4 inch Jack, mini-jack) 1 REC OUT (RCA) 1 DIGITAL (AES/EBU) 1 MIDI (DIN)



6 Channel Professional DJ Mixer

- MIDI Control: Full assignable MIDI controls Weight: 26.24 lb
- Inputs: 6 DIGITAL (Coaxial) 6 LINE (RCA) 4 PHONO (RCA)
- Mic Connection: XLR / 1/4-inch Combo Jack 1/4-inch TRS Jack
- DVS Control: Rekordbox Serato DJ Pro TRAKTOR PRO 3
- Sampling Rate: 96 kHz A/D Converter: 32 bit D/A Converter: 32 bit
- S/N Ratio Line: 105 dB S/N Ratio Phono: 88 dB S/N Ratio Mic: 79 dB
- Channels: 6 Filter: HPF LPF LAN: 1 Fader Curve: 3
- **EQ:** 4 band **EQ Range:** [Hi/Low] -∞ ~ +6 dB / [Hi Mid/Low Mid] -26 dB ~ +6 dB dB
- SEND: Short Delay Long Delay Dub Echo Reverb 2 Externals (1/4-inch TS jack)
- MULTII/O: 1/4-inch jack USB (Type A) USB: 2 USB B ports 1 USB A port
- Beat FX: Delay Echo Ping Pong Spiral Helix Reverb Shimmer Flanger Phaser Filter Trans Roll Pitch
- Outputs: 2 MASTER (XLR, RCA) 1 BOOTH (1/4 inch TRS Jack) 4 HEADPHONE MONITOR (1/4 inch Jack, mini-jack) 1 REC OUT (RCA) 1 DIGITAL (AES/EBU) 1 MIDI (DIN)







PIONEER DJM A9

4 Channel Professional DJ Mixer

- MIDI Control: Full assignable MIDI controls
- Mic Connection: XLR / 1/4-inch Combo Jack 1/4-inch TRS Jack
- DVS Control: Rekordbox Serato DJ Pro Weight: 22.49 lb
- **EQ Range:** Built-in, switchable 3-band equaliser: -26 dB ~ +6 dB dB
- Sampling Rate: 96 kHz A/D Converter: 32 bit D/A Converter: 32 bit
- S/N Ratio Line: 105 dB S/N Ratio Phono: 88 dB S/N Ratio Mic: 79 dB
- EQ/ISO: 3 band Channels: 4 Filter: HPF LPF LAN:1 Fader Curve: 3
- SEND: 1 SEND (1/4-inch TS jack) 1 RETURN (1/4-inch TS jack) MULTI I/O: USB (Type A)
- Inputs: 4 DIGITAL (Coaxial) 4 LINE (RCA) 4 PHONO (RCA) USB: 1 USB A port 2 USB B ports 2 USB C
- Outputs: 1 MASTER (XLR, RCA) 1 BOOTH (1/4 inch TRS Jack) 2 HEADPHONE MONITOR (1/4 inch Jack, mini-jack) 1 REC OUT (RCA) 1 DIGITAL (Coaxial)

PIONEER DJM-S9

4 Channel Professional DJ Mixer

• MIDI Control: Full assignable MIDI controls

• **Weight:** 4.6 kg

• Mic Connection: XLR / 1/4-inch Combo Jack

• DVS Control: Rekordbox Serato DJ Pro

• **S/N Ratio USB:** 107 dB

• Channels: 2

• **EQ:** 3 band **EQ Range:** -∞ ~ +6 dB

• **USB:** 2 USB B ports **LAN:**

• Inputs: 2 CD/LINE (RCA) 2 PHONO (RCA) 1 MIC (XLR/Jack Combo) 1 AUX (RCA)

• Outputs: 2 MASTER (XLR, RCA) 1 BOOTH (1/4 inch TRS Jack) 2 HEADPHONE MONITOR (1/4 inch Jack, mini-jack) 1 REC OUT (RCA) 1 DIGITAL (AES/EBU) 1 MIDI (DIN)





PIONEER DJM S11

2 Channel 4 Deck Control Mixer

• MIDI Control: Full assignable MIDI controls

• Weight: 11.46 lb

• Mic Connection: XLR / 1/4-inch Combo Jack

• DVS Control: Rekordbox Serato DJ Pro

• USB: 2 USB A ports 2 USB B ports

• Level Meter Size: 9 segment

• EQ/ISO: 3 band

• Channels: 2

• **EQISO Range:** -∞ dB to +6 dB (ISO) -26 dB to +6 dB (EQ)

• Sound card: USB (Type-B) 24 bit 48 kHz

• S/N Ratio USB: 115 dB (USB) 105 dB (LINE) 90 dB (PHONO) 80 dB (MIC) 90 dB (AUX) 105 dB

• Inputs: 2 LINE (RCA) 2 PHONO (RCA) 1 MIC (XLR & 1/4 inch TRS Jack) 1 AUX (RCA)

• Outputs: 2 MASTER (XLR, RCA) 1 BOOTH (1/4 inch TRS Jack) 2 PHONES (1/4-inch stereo jack)



PIONEER DDJ-SZ

4 Channel 4 Deck Control Mixer

• Weight: 22.93 lb

• Mic Connection: XLR / 1/4-inch Combo Jack

• **DVS Control:** Rekordbox Serato DJ Pro

• **S/N Ratio USB:** 107 dB

Sound Card: 24 bit/44.1 kHz

• Channels: 4 Deck Control: 4 / Dual

• Jog Wheel: 202 mm durable aluminum

• FX Parameters: 4knob x 4button

• Sampler: 6slot x 4bank

• **USB:**2 USB B ports

• Inputs: 2 MIC (XLR/1/4 inch jack Combo, 1/4 inch Jack) 2 PHONO/LINE (RCA) 4 CD/LINE (RCA)

• Outputs: 2 HEADPHONE MONITOR (1/4 inch Jack, mini-jack) 2 MASTER (XLR, RCA)







PIONEER CDJ-2000NXS2

Multi Player with Disc Drive

- File Formats: ALAC AAC AIFF FLAC MP3 WAV
- File Systems: FAT FAT32 HFS+ Weight: 12.57 lb
- D/A Converter: Asahi Kasei DAC (AK4490EQ)
- **Soundcard:** 24 bit/96 kHz **LAN:** 1 (100Base-TX)
- Signal-to-Noise Ratio: 115 dB Distortion: < 0.0018 %
- Audio Output Level: 2.0 Vrms (1 kHz, 0 dB)
- Frequency Range: 4 40000 Hz Jog Dial size: 8.11 in
- Main Display: 7-inch, full-color LCD touch screen
- USB: 1USB A port 1USB B port
- Outputs: 1 ANALOGUE (RCA) 1 DIGITAL (Coaxial)
- **Playable Media:** iPhone/iPad/iPod touch, Android phones/Android Tablets USB storage devices (flash memory/HDD, etc.) SD Card Computers (Mac/Windows PC) Optical drive



PIONEER CDJ-3000

Professional DJ Multi Player

• File Formats: ALAC AAC AIFF FLAC MP3 WAV

• File Systems: FAT FAT32 exFAT HFS+ Weight: 12.13 lb

• D/A Converter: 32 bit

• Main Display: 9-inch, full-color HD LCD touch screen

LAN: 1 (1000Base-TX)Distortion: < 0.0018 %

Audio Output Level: 2.0 Vrms (1 kHz, 0 dB)

• Frequency Range: 4 - 40000 Hz

• Jog Dial size: 8.11 in

• USB: 1 USB A port 1 USB B port

• Outputs: 1 ANALOGUE (RCA) 1 DIGITAL (Coaxial)

• Playable Media: USB storage devices (flash memory/HDD, etc.) SD Card iPhone Computers





PIONEER PLX-CRSS12

Direct Drive Turntable

Weight: 26.9 lb Width: 17.83 inDepth: 13.9 in Height: 6.26 in

Drive Method: Servo-type direct drive

• Platter: Aluminium, die-casting diameter: 332 mm

Motor: 3-phase, brushless DC motor
 Braking System: Electronic brake
 Rotation Speed: 33½ rpm, 45 rpm

• Rotation Adjustment Range: ±8, ±16, ±50 %

• Wow and Flutter: 0.15% or less WRMS (JIS WTD)

• Signal-to-Noise Ratio: 65 dB (DIN-B) USB: 1 USB C port Outputs: 1 PHONO(RCA)

• Starting Torque: High: 0.45 N·m (4.5 kgf·cm) Mid: 0.32 N·m (3.2 kgf·cm) Low: 0.2 N·m (2.0 kgf·cm)

• Start Time: 0.3 sec (at 331/3 rpm) Brake Time: Max: 3.5 seconds Mid: 1.0 seconds Min: 0.5 seconds

• **Arm Type:** Universal type S-shape **Gimbal-supported type bearing structure:** Static balance type

• Overhang: 0.59 in Effective Length: 9.06 in Tracking Error: Within 3° Height Adjustment: 0.24 in

• Stylus Pressure Variable Range: 0-4 g (1 scale 0.1 g) Cartridge Weight Single: 2.5-12 g



TECHNICS SL-1200 M5G

Professional DJ Turn Table

Sound Quality: Pure audio performance

• **Stylus Light:** High brightness and a long life

• **Stable Operation:** Adjustable height & inclination

• **Pitch Control:** Full digital control & stable adjustment within the range of ±8/16%

• **S-shaped Tonearm:** High tracking performance without stylus skipping

 Direct Drive System: Higher sound quality – Coreless Direct Drive Motor

