HIGHLIGHTS
INTEGRATED

LDsystems LD®

Designed in Germany,
integrated
around the world!

LD Systems – Your Sound. Our Mission.

As a user of professional audio technology, you are in good hands with LD Systems. Your enthusiasm is our benchmark. Whether you are a system integrator, a sound engineer, a mobile DJ, a musician, a band, a singer-songwriter, a wedding singer or fitness trainer or just a sound addict like us – your needs are at the heart of every decision we make.

We are passionate about developing professional audio solutions that make your life easier on the job and meet your high expectations for sound and performance.

Of course, we are also happy to support you beyond your purchase. With us, you'll experience some of the best customer support in the industry – true to the motto "Your Sound. Our Mission."

LD Systems' professional audio product lines include innovative, high-performance PA systems, advanced speakers and subwoofers for live events, installations, battery-powered or outdoor use.

LD Systems wireless microphone and in-ear monitoring systems provide full freedom of movement and reliability for artists on stage and excellent speech intelligibility for speakers in conferences.

ld-systems.com

DQOR® SERIES
Sounds as good as it looks.

TWO-WAY PASSIVE INDOOR/OUTDOOR INSTALLATION LOUDSPEAKER

Encourage your customers and guests to linger for longer with great sound. Thanks to their wide coverage angle and balanced sound, DQOR speakers provide an inviting ambience whether indoors or outdoors. These modern and dynamic looking installation speakers are available as 3", 5" and 8" versions in black or white and respectively with two connection variants: low impedance (8 Ohm), or high impedance (70V/100V/16 Ohm) with multiple power taps.

reddot winner 2021

Indoor and outdoor use
IP65 (DQOR 3) and IP55 (DQOR 5 & 8) certified

Corrosion-resistant front grille
for effective protection

Elegant, dynamic design
to suit any environment

Available in black and white

Slide-and-lock wall mount
with concealed connections

Two connection variants
Low impedance (8 Ohm) and 70/100 V version

Flexible positioning
due to tilt angle of up to 27° and 45° horizontal swivel angle

DQOR® 3 (W)
3" TWO-WAY PASSIVE INDOOR/OUTDOOR
INSTALLATION LOUDSPEAKER

Load rating (RMS)	30 W
Max. SPL (Peak)	98 dB
Frequency response (-10 dB)	85 – 20,000 Hz
Dimensions (W × H × D)	114.6 × 180 × 180.8 mm 4.5 × 7.1 × 7.1 inch
Weight	1.4 kg / 3.1 lbs

DQOR® 5 (W)
5" TWO-WAY PASSIVE INDOOR/OUTDOOR
INSTALLATION LOUDSPEAKER

Load rating (RMS)	70 W
Max. SPL (Peak)	105 dB
Frequency response (-10 dB)	74 – 20,000 Hz
Dimensions (W × H × D)	156.7 × 253.8 × 215.3 mm 6.2 × 10 × 8.5 inch
Weight	2.7 kg / 5.95 lbs

DQOR® 8 (W)
8" TWO-WAY PASSIVE INDOOR/OUTDOOR
INSTALLATION LOUDSPEAKER

Load rating (RMS)	120 W
Max. SPL (Peak)	109 dB
Frequency response (-10 dB)	62 – 20,000 Hz
Dimensions (W × H × D)	255.8 × 413.9 × 314.6 mm 10.1 × 16.3 × 12.4 inch
Weight	5.2 kg / 11.5 lbs

EASY INSTALLATION
AVAILABLE IN BLACK AND WHITE

Wall Mount (included)
- Slide-and-lock wall mount mechanism
- With concealed integrated connections
- Optional wall mount cover

Pole Mount Bracket
- For mounting on cylindrical objects (poles, trusses, etc.)
- Maximum load capacity: 20 kg

Cluster Mount Bracket
- For ceiling or floor mounting
- Including safety lugs to secure the mounted speakers
- Maximum load capacity (centered): 50 kg

Pole Mount Bracket

Cluster Mount Bracket

DQOR® SUB 8 (A/D)
INDOOR- AND OUTDOOR INSTALLATION SUBWOOFERS

Part of the DQOR series, these compact installation subwoofers feature an 8" woofer and a 10" passive radiator for high performance. Suitable for both indoor (DQOR SUB 8 A) and outdoor use (DQOR SUB 8 & SUB 8 D), they offer a durable, powder-coated aluminum enclosure up to IP55 weather resistance. They're available in both passive and powered configurations, including Dante-enabled connectivity (DQOR SUB 8 D). All DQOR SUB 8 models come with rubber feet for floor mounting or can be installed using an optional surface-mount bracket.

Durable aluminium enclosure

8" subwoofer with 10" passive radiator

A-Model to power up to 4 DQOR loudspeakers

D-Model including Dante®-enabled connectivity

IP55-rated models for outdoor use

Optional wall and ceiling mount bracket

Find out more about our **DQOR SUB 8**
ld-systems.com/**DQOR**

Dante®

DQOR® SUB 8 (W)

PASSIVE INDOOR/OUTDOOR INSTALLATION
SUBWOOFER

Power Rating (Peak)	400 W
Max. SPL (Peak)	108 dB peak @ 100 Hz @ 10% distortion
IP Protection Class	IP 55, MIL-SPEC 810
Dimensions (W × H × D)	537 × 303 × 205 mm 21.1 × 11.9 × 8.1 inch (height with rubber feet)
Weight	13.7 kg / 30.2 lbs

DQOR® SUB 8 A (W)

POWERED INDOOR/OUTDOOR
INSTALLATION SUBWOOFER

Output Power	2 × 140 W RMS
Max. SPL (Peak)	108 dB peak @ 100 Hz @ 10% distortion
IP Protection Class	–
Dimensions (W × H × D)	537 × 303 × 205 mm 21.1 × 11.9 × 8.1 inch (height with rubber feet)
Weight	15.2 kg / 33.5 lbs

DQOR® SUB 8 D (W)

POWERED INDOOR/OUTDOOR INSTALLATION
SUBWOOFER WITH DANTE®

Power Rating (Peak)	500 W
Max. SPL (Peak)	108 dB peak @ 100 Hz @ 10% distortion
IP Protection Class	IP 55, MIL-SPEC 810
Dimensions (W × H × D)	537 × 303 × 205 mm 21.1 × 11.9 × 8.1 inch (height with rubber feet)
Weight	15.2 kg / 33.5 lbs

DQOR® SUB WMB

WALL/CEILING MOUNT BRACKET FOR DQOR® SUB 8

Features

- Easy to mount and install
- For vertical & horizontal mounting
- Opening mechanism for easy setup and hands-free cabling

CELIX® SERIES
COAXIAL CEILING LOUDSPEAKERS WITH BACKCAN

Designed for modern installations, the CELIX Series delivers clear speech, high-quality background music and reliable safety announcements. With models ranging from the low-profile 4" to the versatile 6" and the powerful 8", plus a matching 8" subwoofer, CELIX ensures consistent voicing and even coverage across every zone. Its ultra-flat, frameless aluminium grille blends discreetly into any ceiling, and the self-holding mounting system enables quick, single-person installation.

Active 6" model with DANTE® & PoE+ integrated Class-D amplifier and secondary amplified output to drive a passive follow speaker, fully managed via QUESTRA®

4", 6" and 8" passive models with consistent voicing and ready-to-use DSP presets (IPA Series)

Ultra-flat, frameless aluminium grille for discreet ceilings

Self-holding mount for fast one-person installation

EN54-24-certified design (4" / 6") for fully compliant voice alarm and other safety-critical public installations

CELIX 4 Surface-mount, also available in various wood finishes

CELIX® 4

4" COAXIAL CEILING LOUDSPEAKER
WITH LOW-PROFILE BACKCAN

Powertaps	100 V (5 / 10 / 20 / 40 W); 70 V (1 / 5 / 10 / 20 / 40 W); 8 Ω
Frequency Response (-10 dB)	72 Hz – 20 kHz
Sensitivity (SPL 1W/1m)	85 dB
Grille Diameter / Backcan depth	Ø 259,5 / 100 mm
Ceiling Cutout	Ø 232 +3 mm
Weight	3.7 kg / 8.1 lbs

CELIX® 6

6" COAXIAL CEILING LOUDSPEAKER
WITH BACKCAN

Powertaps	Power taps: 100 V (8.5 / 17.5 / 35 / 70 W); 70 V (2 / 8.5 / 17.5 / 35 / 70 W); 8 Ω
Frequency Response (-10 dB)	coming soon
Sensitivity (SPL 1W/1m)	coming soon
Grille Diameter / Backcan depth	Ø 355 mm / 212 mm
Ceiling Cutout	Ø 329 +3 mm
Weight	9.4 kg / 20.7 lbs

CELIX® 6D

6" DANTE-ENABLED, PoE, COAXIAL CEILING
LOUDSPEAKER WITH BACKCAN

Frequency Response (-10 dB)	coming soon
Sensitivity (SPL 1W/1m)	coming soon
Grille Diameter / Backcan depth	Ø 355 mm / 212 mm
Ceiling Cutout	Ø 329 +3 mm
Weight	9.2 kg / 20.3 lbs

CELIX® 8

8" COAXIAL CEILING LOUDSPEAKER WITH BACKCAN

Powertaps	100 V (15 / 30 / 60 / 120 W); 70 V (4 / 15 / 30 / 60 / 120 W); 8 Ω
Frequency Response (-10 dB)	50 Hz – 20 kHz
Sensitivity (SPL 1W/1m)	88 dB
Grille Diameter / Backcan depth	Ø 373 mm / 212 mm
Ceiling Cutout	Ø 349 +3 mm
Weight	9.7 kg / 21.4 lbs

CELIX® SUB 8

8" CEILING SUBWOOFER WITH BACKCAN

Frequency Response (-10 dB)	50 Hz – Preset
Sensitivity (SPL 1W/1m)	94 dB
Grille Diameter / Backcan depth	Ø 373 mm / 212 mm
Ceiling Cutout	Ø 349 +3 mm
Weight	9.25 kg / 20.4 lbs

CELIX® 4 Surface Mount

WALL/CEILING MOUNT FOR CELIX® 4

Features

- Round surface-mount housing
- On-wall design in black or white
- Three optional wood finishes
- Installer-friendly mounting concept

Find out more about our **CELIX** SERIES
ld-systems.com/**CELIX**

CURV 500®
SERIES
An array of possibilities

Flexible, scalable array with WaveAhead® technology and expandable vertical coverage for amazing sound pressure and excellent balance. Constructed around our SmartLink® plug-and-play adapter, numerous mounting solutions are offered, including optional extensions and additional coverage control.

red dot award 2016 winner

iF DESIGN AWARD WINNER

GERMAN DESIGN AWARD WINNER

Elegant Unibody aluminium housing

Wide dispersion of mid and high frequencies

Narrow 10° vertical dispersion (per satellite) for reduction of reflections on ceilings and floors

WaveAhead® technology
Symmetrical horizontal dispersion

SmartLink® Adapter
for wireless connection of up to four array satellites

Customisable
in any RAL colour
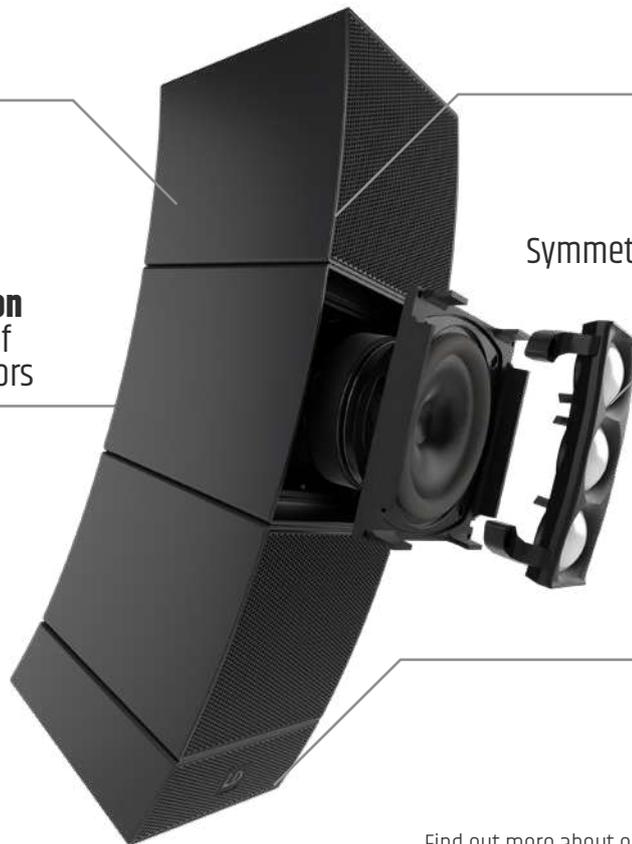
Find out more about our **CURV 500** SERIES
ld-systems.com/CURV500

CURV 500® I SUB (W)
10" INSTALLATION SUBWOOFER

Load rating (RMS)	200 W
Sensitivy	approx. 87 dB 1 W/1 m
Frequency Response	47 - 150 Hz
DImensions (W × H × D)	610 × 310 × 230 mm 24 × 12.2 × 9 inch
Weight	14.5 kg / 32 lbs

CURV 500® S2 (W)
TWO ARRAY SATELLITES

Load rating (RMS)	40 W
Max. SPL	104 dB
Woofers	3 × 1" tweeter / 1 × 4" mid
DImensions (W × H × D)	122 × 122 × 122 mm 4.8 × 4.8 × 4.8 inch
Weight (Pair)	3.44 kg / 7.6 lbs

CURV 500® D SAT (W)
DUPLEX SATELLITE

Load rating (RMS)	80 W
Max. SPL (Peak)	110 dB
Woofers	6 × 1" tweeter / 2 × 4" mid
Dimensions (W × H × D)	122 × 240 × 126 mm 4.8 × 9.4 × 4.96 inch
Weight	3.3 kg / 6.6 lbs

CURV 500® SLA T (W)
70 / 100 V SMARTLINK® ADAPTER

Connectors	1 × Phoenix 1 × Speakon compatible
Features	2 × 16 mm flanges, 2 × M6 thread (optional wall mount)
Dimensions (W × H × D)	122 × 57 × 57 mm 4.8 × 2.2 × 2.2 inch
Weight	0.35 kg / 0.77 lbs

CURV 500® I AMP
4-CHANNEL CLASS D INSTALLATION AMPLIFIER

Rated output power	1 kHz @ 2.7 Ohms: 4 × 240 W; 1kHz @ 4 Ohms: 4 × 240 W; 1 kHz @ 8 Ohms: 4 × 120 W; 1kHz @ 16 Ohms: 4 × 60 W
Frequency response	10 - 22000 Hz
Max. Power consumption	1100 W
Dimensions (W × H × D)	482 × 44 × 420 mm 19 × 1.7 × 16.5 inch
Weight	6.8 kg / 15 lbs

CURV 500® WMBL (W)
TILT & SWIVEL WALL MOUNT BRACKET
FOR CURV 500® SATELLITES

CURV 500® WMB (W)
WALL MOUNTING BRACKET
FOR CURV 500® SATELLITES

CURV 500® CMB (W)
CEILING MOUNTING BRACKET
FOR CURV 500® SATELLITES

CURV 500® TMB
TRUSS CLAMP
FOR CURV 500® SATELLITES

BISTRO

Bistros, cafés, clubs or restaurants often require audio systems with a multi-zone layout. The modular design of the **CURV 500®** installation system enables individual configurations for each zone ranging from subtle background music to dancefloor levels while keeping the same excellent sonic signature throughout the installation.

BISTRO MEDIUM BUNDLE
12 SATELLITES AND 2 SUBWOOFERS

ZONE 1
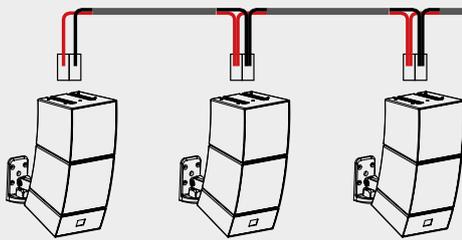
CH A PRESET: 2 × C500-SAT
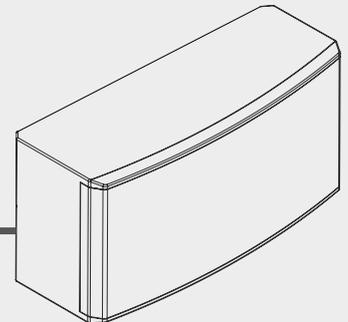
CH B PRESET: 1 × C500ISUB

CH A   CH B   CH C   CH D

CURV 500® I AMP OUTPUT
4 balanced mono line inputs, assignable to any output, in any combination, thanks to the internal routing matrix.

ZONE 2

CH C PRESET: 2 × C500-SAT

CH D PRESET: 1 × C500ISUB

INSTALL SOLUTIONS

CONFERENCE

In addition to excellent speech intelligibility, conference and meeting room audio systems must deliver superb sound reproduction for multimedia applications. With its modular design and elegant appearance, the **CURV 500®** is the perfect choice for all installation sizes from small meeting rooms to large multipurpose spaces.

CONFERENCE MEDIUM BUNDLE
8 SATELLITES AND 1 SUBWOOFER

FRONT

CH A PRESET: 2 × C500-SAT

CH B PRESET: 2 × C500-SAT

CH A   CH B   CH C   CH D
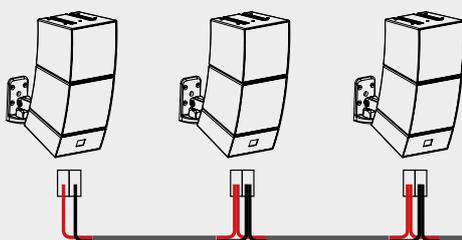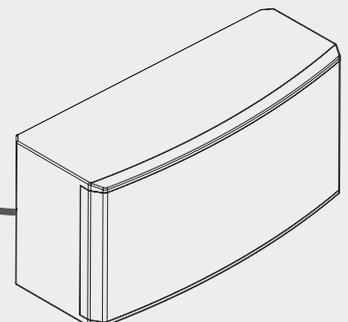
+   -   +   -

CURV 500® I AMP OUTPUT
4 balanced mono line inputs, assignable to any output, in any combination, thanks to the internal routing matrix.

REAR

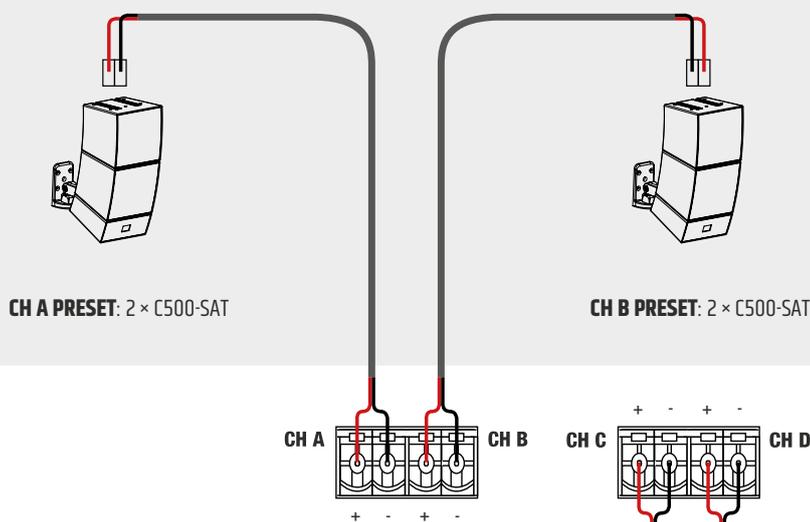**CH C PRESET**: 2 × C500-SAT

CH D PRESET: 1 × C500ISUB

13

CURV 500®SERIES

VOICE

Audio installations for speech reproduction like for house of worship - or corporate boardroom applications typically do not require sub frequency reinforcement, however subwoofers are offered for the CURV installations where sub frequencies are needed. The **CURV 500®** system's **I AMP** provides delay compensation per channel to ensure maximum speech intelligibility, imaging and sound quality throughout the installation.

VOICE MEDIUM BUNDLE
24 SATELLITES

ZONE 1

CH A PRESET: 3 × C500-SAT
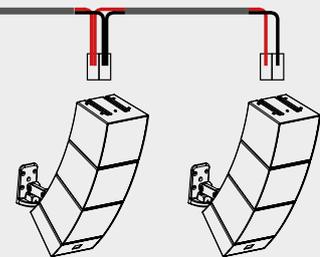
CH B PRESET: 3 × C500-SAT

CH A   CH B   CH C   CH D

CURV 500® I AMP OUTPUT
4 balanced mono line inputs, assignable to any output, in any combination, thanks to the internal routing matrix.
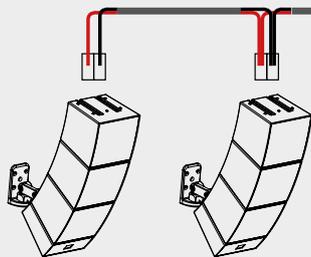
ZONE 3

CH C PRESET: 3 × C500-SAT

CH D PRESET: 3 × C500-SAT

70V EXAMPLE

The **CURV 500® I AMP** includes 70V output to deliver audio to a large number of speakers.

This permits setting up a distributed system by daisy-chaining a maximum of 24 satellites to bridged channel A and B outputs, or bridged channel C and D outputs. The satellites can be wired individually or in groups of 2, 3 or 4 units.

70V EXAMPLE — 3 SATELLITE SETS
MAX. 24 SATELLITES PER BRIDGED OUTPUT

ZONE 1 — SATELLITES

SLAT SETTINGS

100 V
INPUT SELECT
70 V
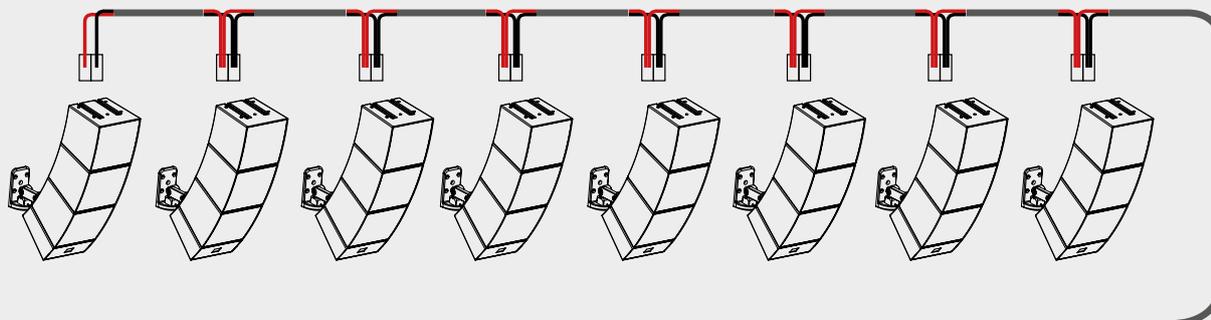
CH A PRESET: 3 × C500-70V

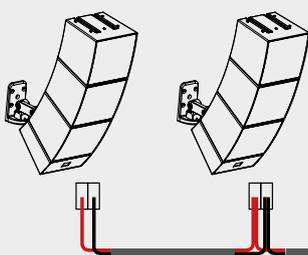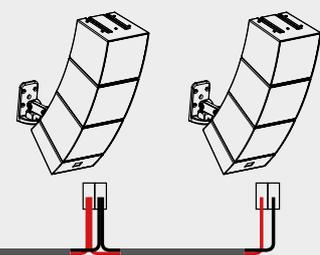CH A   CH B   CH C   CH D

CURV 500® I AMP OUTPUT
4 balanced mono line inputs, assignable to any output, in any combination, thanks to the internal routing matrix.

ZONE 1 — SUBWOOFERS
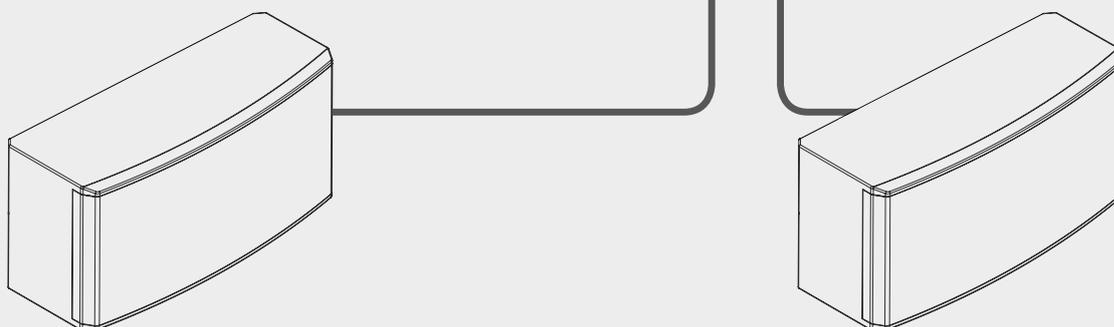
MAUI® SERIES
SLEEK. EASY. MIGHTY.

The MAUI Series by LD Systems is an innovative audio solution designed to elevate your indoor install projects to new heights. With cutting-edge technology and a perfect blend of engineering excellence, this state-of-the-art system delivers exceptional audio performance.
Experience the power of pristine sound quality with advanced WaveGuide®

technology, providing wide horizontal coverage and focused vertical dispersion. Whether it's background music, engaging presentations, or clear speeches, the MAUI Series ensures every corner of your venue is filled with immersive audio. It seamlessly blends into any environment, adding a touch of sophistication while delivering powerful sound.

reddot winner 2021

MAUI® i1

BEM-optimized high frequency waveguide
for wide horizontal and controlled vertical dispersion

U-Bracket included
bracket for angled wall installation optionally available

IP65 protection class
aluminum speaker grille and weather treated cones

4-pole terminal block connector
for parallel speaker connection

Input selector switch 8 Ohms (transformer bypass) / 100 V / 70 V

All MAUI models available in **black or white**

Find out more about our **MAUI** SERIES
ld-systems.com/**MAUI**

MAUI® i1

PASSIVE INDOOR/OUTDOOR INSTALLATION
COLUMN LOUDSPEAKER

System power (Peak)	480 W
Max. SPL (Peak)	116 dB
Woofers	9 × 3" mid / low
Overall height	985 mm / 38.8 inch
70 V / 100 V power taps	60 W, 30 W, 15 W, 7.5 W

MAUI® i1 WMBT

TILT-AND-SWIVEL WALL MOUNT FOR MAUI® I1,
BLACK AND WHITE

Swivel	160°
Tilt	40°, continously variable
Material	Powder-coated steel
Max. load capacity	20 kg / 44.1 lbs
Weight	1.5 kg / 3.3 lbs

40° tilt

160° swivel

MAUI® 28 G3

COMPACT POWERED COLUMN PA SYSTEM

System power (Peak)	2060 W
Max. SPL (Peak)	127 dB
Woofers	2 × 1" tweeter / 12 × 3.5" mid / 12" sub
Overall height	2052 mm / 80.8 inch
Weight	35.4 kg / 78 lbs

MAUI® 11 G3

PORTABLE POWERED COLUMN PA SYSTEM

System power (Peak)	1460 W
Max. SPL (Peak)	125 dB
Woofers	2 × 1" tweeter / 6 × 3.5" mid/ 2 × 8" sub
Overall height	2052 mm / 80.8 inch
Weight	30.7 kg / 67.7 lbs

MAUI® P900 (W/G/B)

POWERED COLUMN PA SYSTEM
BY PORSCHE DESIGN STUDIO

System power (Peak)	2800 W
Max. SPL (Peak)	131 dB
Woofers	32 × 1" tweeter / 16 × 2.8" mid / 2 × 10" sub
Overall height	2173 mm / 85.6 inch
Weight	46 kg / 101.4 lbs
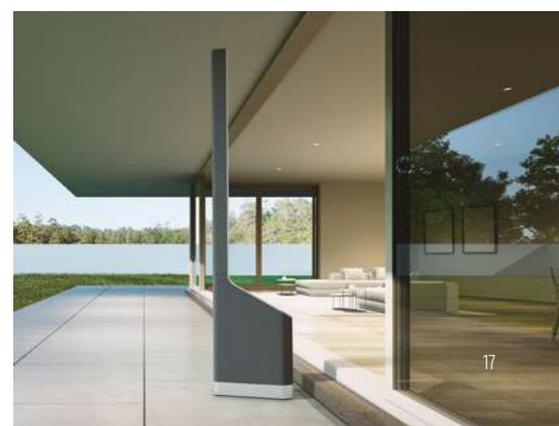
MAILA® SERIES
COMPACT LINE-ARRAY SYSTEM

MAILA (Modular All-Round Intelligent Line-Array) is not just "one" product, but a scalable sound reinforcement system that sets new standards in its diversity and flexibility. From a wedding reception to a conference to a festival – MAILA combines the best concepts of sound reinforcement technology in one system. Also, with the EasySplay® mechanism and many other clever features, MAILA® takes user-friendliness in the line array sector to a whole new level. The result is a big, scalable sound for almost any application.

reddot winner 2023
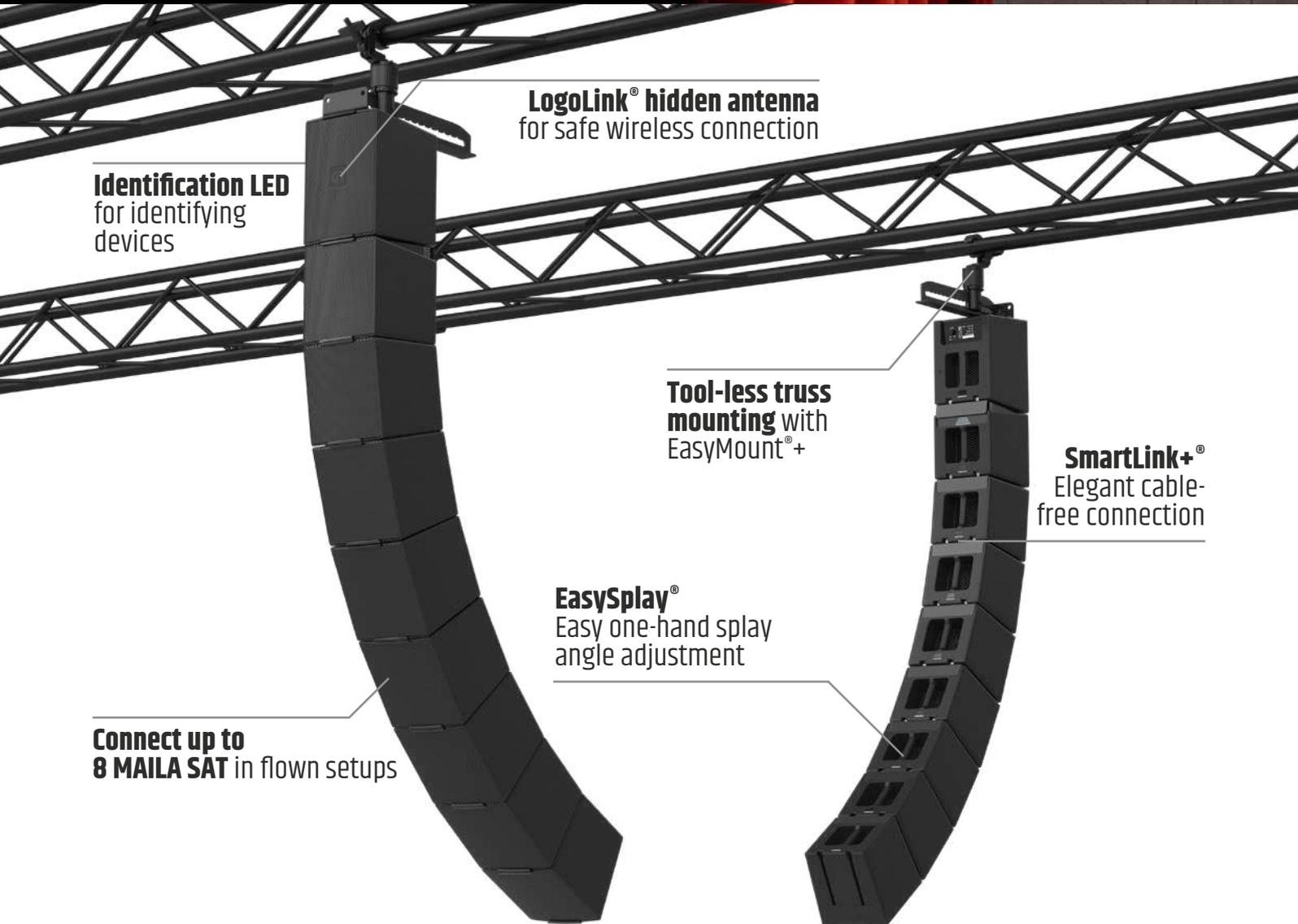
Identification LED
for identifying
devices

LogoLink® hidden antenna
for safe wireless connection

**Tool-less truss
mounting** with
EasyMount®+

SmartLink+®
Elegant cable-
free connection

EasySplay®
Easy one-hand splay
angle adjustment

**Connect up to
8 MAILA SAT** in flown setups

MANY FACES OF MAILA®

SAT X - NEARFILL OR ARRAY

- Hybrid passive Point-/Line-Source loudspeaker
- Automatic adaptive dispersion: 40° (nearfill) / 8° (array)
- Cable-free connection to MAILA SAT via SmartLink+® rails
- SpeakON® I/O for easy daisy-chaining of multiple SAT X
- Integrated extendable tilt stand for flat surfaces
- Pole-mount setups with 35 mm flange or flown with EasyMount® +

EASYSPLAY® MECHANISM

- Easy one-hand splay angle adjustment
- Safe position locking
- Continuously adjustable tilt from 0°–8°, even under load
- Recommended splay angles are calculated via MAILA App

SMARTLINK+®

- Cable-free connection between MAILA SAT modules and MAILA SPA, COL and SAT X units
- Audio and power supplied through integrated aluminium rails
- Secure lock mechanism

Find out more about
our **MAILA** SERIES
ld-systems.com/**MAILA**

MAILA® COMPONENTS

MAILA® SAT (W)
PASSIVE ARRAY SATELLITE SPEAKER

Frequency response (-6 dB)	100 – 20,000 Hz
Load rating (AES)	175 W / 50 W
Max. SPL Peak (Pink noise)	129.1 dB (fullspace @1m, Crest factor 4)
Connectivity	SmartLink+®
Dimensions (W × H × D)	205 × 234 × 226 mm 8.1 × 9.2 × 8.9 inch
Weight	7.65 kg / 16.9 lbs

MAILA® SAT X (W)
PASSIVE NEARFILL OR ARRAY SATELLITE SPEAKER

Frequency response (-6 dB)	100 – 20,000 Hz
Load rating (AES)	175 W / 50 W
Max. SPL Peak (Pink noise)	129.5 dB (fullspace @1m, Crest factor 4)
Connectivity	SmartLink+® / SpeakOn
Dimensions (W × H × D)	205 × 283 × 229 mm 8.1 × 11.1 × 9 inch
Weight	8.3 kg / 18.3 lbs (prelim.)

MAILA® COL P (W)
4 × 6.5" PASSIVE COLUMN SPEAKER

Frequency response (-6 dB)	105 Hz – 500 Hz
Max. SPL Peak (Pink noise)	130 dB (fullspace @1m, Crest factor 4)
Connectivity	SmartLink+® / SpeakOn
Dimensions (W × H × D)	205 × 968 × 354 mm 8.1 × 38.1 × 13.9 inch
Weight	31 kg / 68.3 lbs

MAILA® SUB 15 P (W)
15" PASSIVE BASS REFLEX PA SUBWOOFER

Frequency response (-10 dB)	30 Hz – Preset
Max. SPL Peak (Pink noise)	132 dB (halfspace @1m, Crest factor 4)
Connectivity	SpeakOn
Dimensions (W × H × D)	540 × 474 × 761 mm 21.3 × 18.7 × 30 inch
Weight	34 kg / 75 lbs

MAILA® SUB 15 FP (W)
15" FLYABLE PASSIVE BASS REFLEX PA SUBWOOFER

Frequency response (-10 dB)	30 Hz – Preset
Max. SPL Peak (Pink noise)	132 dB (halfspace @1m, Crest factor 4)
Connectivity	SpeakOn
Dimensions (W × H × D)	540 × 474 × 761 mm 21.3 × 18.7 × 30 inch
Weight	42 kg / 92.6 lbs

MAILA® SUB P
2 × 15" PASSIVE BANDPASS PA SUBWOOFER

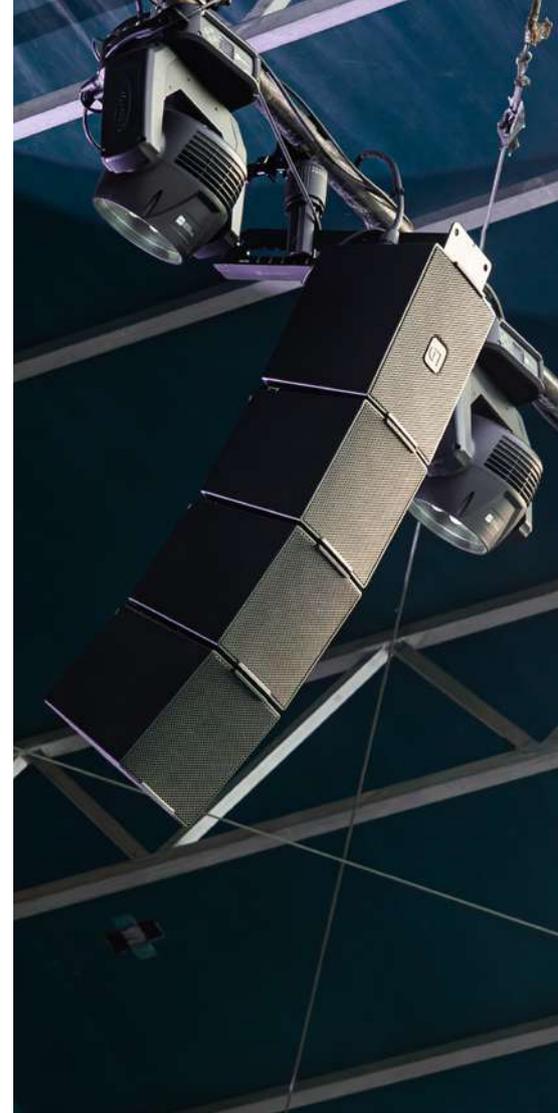|	
Frequency response (-10 dB)	33 Hz – Preset
Max. SPL Peak (Pink noise)	139 dB (halfspace @1m, Crest factor 4)
Connectivity	SpeakOn
Dimensions (W × H × D)	540 × 934 × 803 mm 21.3 × 36.8 × 31.6 inch
Weight	72.2 kg / 159.2 lbs

MAILA® SPA

POWER AMPLIFIER FOR UP TO EIGHT MAILA SAT

Frequency response (-6 dB)	–
Amping power	1.25 kW RMS
Connectivity	SmartLink+®, XLR, LogoLink®
Dimensions (W × H × D)	205 × 282 × 226 mm 8.1 × 11.1 × 8.9 inch
Weight	7.45 kg / 16.4 lbs

MAILA® COL

4 × 6.5" COLUMN SPEAKER + POWER AMPLIFIER FOR UP TO EIGHT MAILA SAT

Frequency response (-6 dB)	105 Hz – 500 Hz
Amping power	2.5 kW RMS
Max. SPL Peak (Pink noise)	130 dB
Connectivity	SmartLink+®, XLR, LogoLink®
Dimensions (W × H × D)	205 × 968 × 354 mm 8.1 × 38.1 × 13.9 inch
Weight	36.2 kg / 79.8 lbs

MAILA® SUB 15

15" POWERED BASS REFLEX PA SUBWOOFER

Frequency response (-10 dB)	31 Hz – Preset
Amping power	1.25 kW RMS
Max. SPL Peak (Pink noise)	132 dB (halfspace @1m, Crest factor 4)
Connectivity	XLR, LogoLink®
Dimensions (W × H × D)	540 × 474 × 761 mm 21.3 × 18.7 × 30 inch
Weight	38 kg / 83.8 lbs

MAILA® SUB 15 F

15" FLYABLE POWERED BASS REFLEX PA SUBWOOFER

Frequency response (-10 dB)	31 Hz – Preset
Amping power	1.25 kW RMS
Max. SPL Peak (Pink noise)	132 dB (halfspace @1m, Crest factor 4)
Connectivity	XLR, LogoLink®
Dimensions (W × H × D)	540 × 474 × 761 mm 21.3 × 18.7 × 30 inch
Weight	42 kg/92.6 lbs (prelim.)

MAILA® SUB

2 × 15" POWERED BANDPASS PA SUBWOOFER

Frequency response (-6 dB)	33 Hz – Preset
Amping power	2.5 kW RMS
Max. SPL Peak (Pink noise)	137 dB (halfspace @1m, Crest factor 4)
Connectivity	XLR, LogoLink®
Dimensions (W × H × D)	540 × 934 × 803 mm 21.3 × 36.8 × 31.6 inch
Weight	89.8 kg / 198 lbs

MAILA® ACCESSORIES

Including traverse and shackle bracket

EASYMOUNT®+

- Truss mount adapter for flown set-ups
- Enables truss or shackle mounting
- Easy 360° alignment even under load
- Tool-free assembly
- Selflock tube clamp for easy truss attachment
- Steel construction with powder coating
- Conform to DGUV regulation 17 (BGV C1)
- Max. load capacity: 105 kg

MAILA WALL MOUNT

- Tilt-and-Swivel Wall Mount for MAILA SPA & SAT X
- 0 – 40° down tilt, Up to 120° swivel (configuration-dependent)
- Continuously adjustable
- Easily readable angle scale
- Available in Black and White

MAILA CEILING MOUNT

- Tilt-and-Swivel Ceiling Mount for MAILA SPA & SAT X
- 0 – 40° down tilt and 120° swivel
- Continuously adjustable
- Easily readable angle scale
- Available in Black and White

STANDS & POLES

- Speakerpoles and column stands for ground setups
- Speaker poles for 1 × SPA or SAT X and max. 2 SAT
- Column stand for up to 4 × SAT
- Compact and discreet visual appearance

RAINCOVER

- Rain-repellent materials, reliable protection
- Seven pieces and five combinations for all array setups
- Modular Velcro design for flexible configurations
- Protects each module and full arrays
- Easy installation with full system functionality

MAILA SUB 15 FLIGHT BRACKET

- Flight bracket for up to 6 × MAILA SUB 15 F (P) (max. 300 kg load)
- Can be used with EasyMount+ to hang a MAILA Array under a flown subwoofer
- Tool-free, quick attachment via ball lock pins.
- Multiple shackle positions allow for flexible rigging setups.

POWER YOUR MAILA® PASSIVE

ADA 8K4 / 12K4 SINGLE RACK

4-CHANNEL AMPLIFIER RACK WITH PATCH PANEL

Power amplifiers	LDADA8K4 or LDADA12K4
Patchpanel size	2U Audio and power (Neutrik connectors)
Rack	4U, Double door, shockmount
Total power	8 kW (8K4) / 10.8 kW (12K4)
Presets	34 × MAILA presets for flying & ground-stack applications
Power distribution	–

ADA 12K4 TOURING RACK

3 × AMPLIFIER POWER RACK WITH PATCH PANEL AND POWER DISTRIBUTION

Power amplifiers	3 × LDADA12K4
Patchpanel size	3U Audio (Neutrik connectors)
Rack	12U, Double slide-in door, shockmount
Total power	32.4 kW
Presets	34 × MAILA presets for flying & ground-stack applications
Power distribution	32A In/Daisy chain – 6 × Schuko out, 3 × circuit breakers, 3 × digital voltage / current meters

ArmoníaPlus

SYSTEM MANAGER SOFTWARE BY POWERSOFT

- MAILA "Quick Setup App" converted into ArmoníaPlus presets (incl. splay angles, rigging height, pickup points)
- 70+ manufacturer EQs covering 300 MAILA configurations
- MEQ based on MAILA Auto EQ, compensating speaker coupling and air-loss over distance
- Seamless integration with LD Systems ADA amps

MAILA® APP
FOR FAST SETUP

- **Room simulation:** Automatic EQ adjustment and calculation of the splay angles

- **Pre-planning:** Optimal preparation in advance, no matter when and where

- **10 Band EQ Presets:** Create custom 10-band parametric EQ presets

- **Delay lines:** Easy delay line configuration based on distance and temperature

TICA® SERIES
TOOLS FOR INTEGRATING COMMERCIAL AUDIO

Flexible and affordable professional audio solutions. The TICA series offers a versatile range of products that seamlessly integrate in both smaller and larger audio setups. TICA stands as a testament to thoughtful engineering, enabling users to customize their audio systems by mixing and matching components to meet specific needs. Experience unparalleled flexibility and exceptional features without breaking the bank with the TICA Series.

Find out more about our **TICA** SERIES
ld-systems.com/**TICA**

NMP 8
8 × 8 DSP MATRIX WITH 4 ANALOG I/O
AND 4 × 4 AES67 CHANNELS

Size	1/3 19" rack, 1U
Audio Matrix	8 × 8
AES67 Audio Input Channels	4
AES67 Audio Output Channels	4
Analog Mic/Line Inputs	4
Analog Mic/Line Outputs	4

NMP 32
32 × 32 DSP MATRIX WITH 4 ANALOG I/O
AND 28 × 28 AES67 CHANNELS

Size	1/3 19" rack, 1U
Audio Matrix	32 × 32
AES67 Audio Input Channels	28
AES67 Audio Output Channels	28
Analog Mic/Line Inputs	4
Analog Mic/Line Outputs	4

DIO (04/22/44)
4 OUTPUT / 2 × 2 INPUT/OUTPUT /
4 × 4 INPUT/OUTPUT DANTE® INTERFACE

Size	1/3 19" rack, 1U
Line Inputs	0 / 2 / 4 (terminal block)
Third Party/Remote Control	Ethernet Control / QUESTRA
Line Outputs	4 / 2 / 4 (terminal block)
Gain Steps	-15 dB, 0 dB, +15 dB, +30 dB

AMP 106 T
1-CHANNEL MINI INSTALLATION POWER
AMPLIFIER 60 W @ 4 OHM / 70 V / 100 V

Size	1/4 19" rack, 1U
Line Inputs	2
Powered Outputs	1 with output mode selector (Low-Z/High-Z)
RMS Power	60 W (Continuous sine wave 1 kHz, 4 Ohm load)
Third Party/Remote Control	Standby, VCA

AMP 205 (D/AV)
2-CHANNEL MINI INSTALLATION POWER
AMPLIFIER 2 × 50 W @ 4 OHM, DANTE® MODEL:
WITH DANTE® INTERFACE, AV MODEL: WITH HDMI INTERFACE

Size	1/3 19" rack, 1U
Line Inputs	2
Powered Outputs	2
RMS Power	1 × 100 W @ 2 0hm (Continuous sine wave 1 kHz 10sec, 4 0hm load), 2 × 50 W @ 4 0hm (ST, PAR)
Third Party/Remote Control	Standby, VCA

AMP 405
4-CHANNEL MINI INSTALLATION POWER
AMPLIFIER 4 × 50 W @ 4 OHM

Size	1/3 19" rack, 1U
Line Inputs	4
Powered Outputs	4 with output mode selector (Stereo/Parallel/High Power Mode)
RMS Power	4 × 50 W @ 4 ohm (ST, PAR) / 2 × 100 W @ 2 ohm (Continuous sine wave, 1 kHz, 10 sec)
Third Party/ Remote Control	Standby, VCA

RSMP
RADIO STREAMING MEDIA PLAYER

Size	1/3 19" rack, 1U
Remote Control	UNDOK App Control
Audio modes	Audio Streaming services, Bluetooth Audio Receiver, DAB/DAB+, FM Radio, Internet Radio, USB Player (.mp3)
Line Outputs	1 Stereo (terminal Block)
Network Connectivity	LAN (RJ45), Wi-Fi 802.11a/b/g/n (2.4 GHz and 5 GHz bands)

MSMP
MESSAGE SCHEDULER-STREAMER MUSIC PLAYER

Size	1/3 19" rack, 1U
Third Party/Remote Control	Web Interface / QUESTRA
Audio modes	Audio message scheduler and streaming media player, local media (USB/MicroSD card), URL sources, Airplay and DLNA streaming
Line Outputs	1 Stereo (RCA)
Network Connectivity	Wired Ethernet and Wifi interface for device control and audio streaming capabilities

HPA 2
2-CHANNEL HEADPHONE AMPLIFIER

Size	1/4 19" rack, 1U
Line Inputs	2
Audio modes	Headphone Mode (Mono/Stereo), HP+Monitor Mode
Line Outputs	2
Headphone Outputs	2 × 3,5mm Jack (Front), 2 × 6,3mm Jack (Back)

PRE 2
2-CHANNEL MICROPHONE AND LINE MIXER

Size	1/4 19" rack, 1U
Line Inputs	1 Stereo (terminal Block)
Third Party/ Remote Control	VCA
Line Outputs	1 Stereo (terminal Block)
Phantom Power	24 V

TR (206/212)
AUDIO LINE TRANSFORMER

Size	1/3 19" rack, 1U
Line Inputs	2
Powered Outputs	2×60 W (TR206) / 2×120 W (TR212)
Low Impedance Input	2 × 8 0hm/4 0hm/2 0hm
High Impedance Outputs	2 × 25 V / 70 V / 100 V
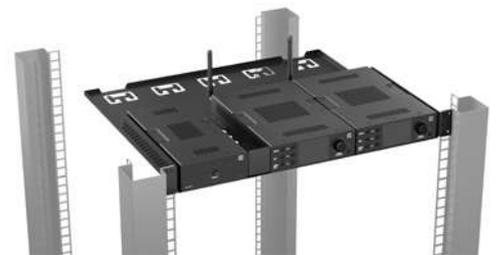
TICA® RACK TRAY
19" RACK TRAY FOR TICA® SERIES PRODUCTS

- Mount any combination of TICA Series products into 1 rack unit
- Marked mounting holes for easy product mounting
- Ventilation holes to keep your system cool
- For quarter, third and half 19 inch width devices

TIVA® SERIES
TOOLS FOR **I**NTEGRATING **V**IDEO AND **A**UDIO

The TIVA Series is a family of AV interfaces designed to work hand in hand with the QUESTRA platform. From HDMI™ splitters, switchers and matrix solutions to Ethernet-based I/O modules, TIVA devices bring video, audio and control signals together in a way that can be centrally configured, monitored and automated via QUESTRA – for clean, consistent and reliable AV workflows in professional environments.

Find out more about our **TIVA** SERIES
ld-systems.com/TIVA

QUESTRA MANAGED

QUESTRA MANAGED

SPAV 14
1 × 4 8K HDMI SPLITTER AND AUDIO EXTRACTOR

Number of HDMI Inputs	1
Number of HDMI Outputs	4
Video Standards	HDMI 2.1
Video Resolution	up to 8K 60 Hz YCbCr 4:2:0 12 Bit
Copy Protection	HDCP 2.3, HDCP 1.4

SWAV 41
8K HDMI™ 4 × 1 SWITCHER WITH AUDIO EXTRACTOR

Number of HDMI Inputs	4
Number of HDMI Outputs	1
Video Standards	HDMI 2.1
Video Resolution	up to 8K 60 Hz YCbCr 4:2:0 12 Bit
Copy Protection	HDCP 1.4, HDCP 2.0, HDCP 2.2, HDCP 2.3

MXAV 44
4 × 4 HDMI MATRIX SWITCH WITH WEB GUI, TCP/IP AND IR CONTROL

Number of HDMI Inputs	4
Number of HDMI Outputs	4
Video Standards	HDMI 2.0
Video Resolution	up to 4K2K 50/60 Hz 4:4:4
Copy Protection	HDCP 1.4, HDCP 2.0, HDCP 2.

D USB 22
2 × 2 DANTE TO USB-C AUDIO INTERFACE

Features

- Bidirectional 2 × 2 Dante®–USB-C audio interface
- Plug-and-play, Compliant with USB Audio Class 2.0
- High-resolution 48 / 96 kHz, 24-bit audio
- Ultra-low latency (1 / 2 / 5 ms)
- AES67 RTP audio transport support
- Powered via PoE (Class 1, IEEE 802.3af) or USB-C
- No software installation required

SGP 42
ETHERNET I/O EXPANSION INTERFACE WITH GPIO, RELAYS & RS232

QUESTRA MANAGED

Features

- Compact Ethernet-based I/O interface for control and automations
- Fully integrated with the QUESTRA platform for remote third-party configuration
- 4 configurable digital GPIO ports
- 2 relay outputs, Normally Open (NO)
- RS232 port with 3-pin terminal block (TX, RX, GND)

QUESTRA®
simply **powerful.**

DESIGN & MANAGEMENT SOFTWARE FOR NETWORKED INSTALLATION SOLUTIONS

Meet QUESTRA – the design and management software for networked LD Systems installation solutions. QUESTRA enables a streamlined configuration of LD Systems devices and the design of custom user panels that can be controlled on both Windows computers and Android or iOS portable devices.

for Windows

for control panels

WHAT IS QUESTRA® ?

With QUESTRA you gain access to the full DSP capabilities of LD Systems' audio installation devices. It allows you to configure audio networks, small and large, but also to manage every single device and control it from a single application.

PLANNING A PROJECT

Plan and prepare system configurations right from early stages of your install project – even before installing any hardware on site. Quickly create end-user interfaces to demonstrate to customers before they buy. With QUESTRA you're in pole position to win that next pitch.

PROJECT DEPLOYMENT

Deploying your new system is just a few clicks away. Simply upload your offline configuration to all the online devices on the network, fine-tune the project and device settings and you're done. QUESTRA makes your work easier with its intuitive User Interface, clearly structured menus and quickly accesible settings.

PROJECT ADMINISTRATION

QUESTRA puts you in control of all your installation projects. Create users, assign specific roles, limit the access to certain functions and ensure critical network settings cannot be modified. Easily create and manage device presets for different user applications for users to trigger using QUESTRA Panels. With remote access, you can monitor your installation and provide maintenance from anywhere, at any time.
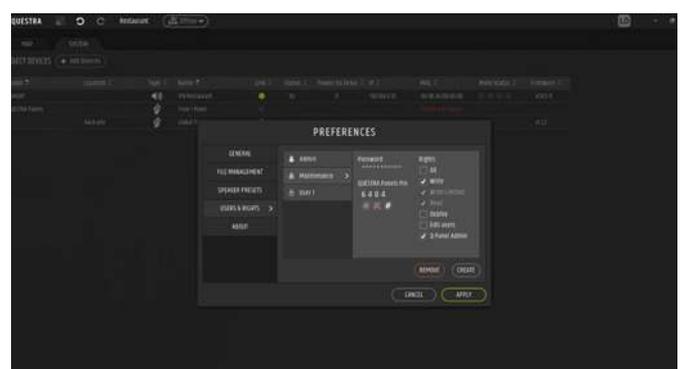
QUESTRA® UPDATE V 1.4

INTEGRATION OF THIRD-PARTY CONTROL AND AUTOMATION

Features

- Native control of the latest LD Systems AV and I/O devices on a single platform.

- OSC has been added as a control protocol, as well as TCP/UDP/HTTP with JSON, ASCII and binary

- Virtual devices turn custom logic into reusable third-party device drivers, both online and offline

- Advanced discovery with mDNS, multicast and IP/MAC matching, plus bi-directional status communications

- Community-driven and future-proof platform: Create, share and reuse devices across AV ecosystems
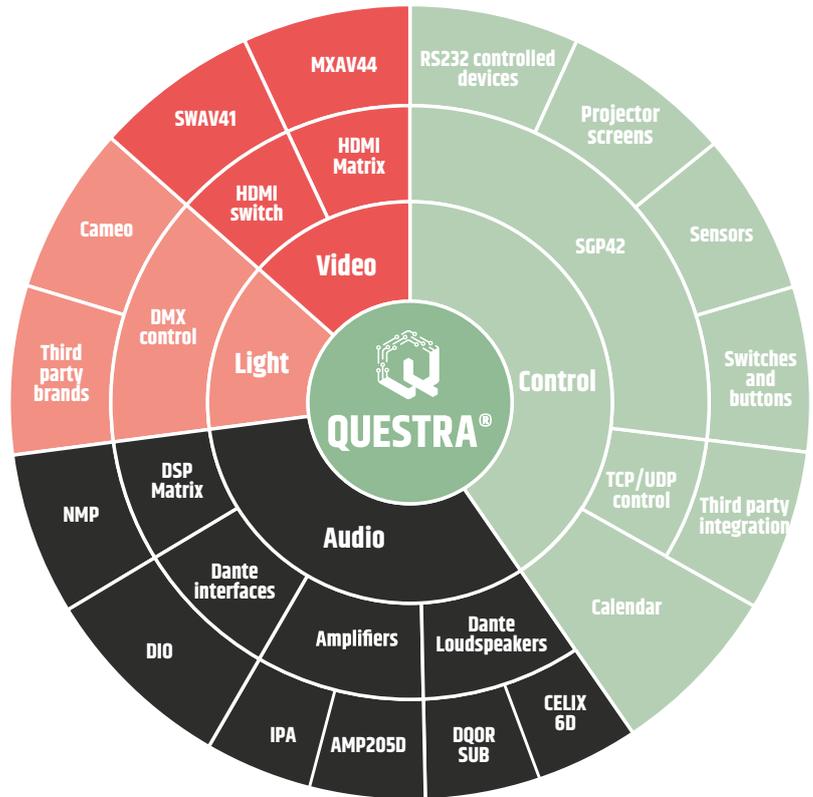
QTP 5

QUESTRA® TOUCHSCREEN DISPLAY 5-INCH
WITH ANDROID 11 AND POE

Mounting options	86-Type Electrical Box, EU – flush-mounted box
Power supply	External power supply unit 12 V DC 2 A (optionally available), IEEE 802.3 at compliant, PoE (Power over Ethernet)
Dimensions (W × H × D)	145.7 mm × 84 mm × 38 mm 5.74 inch × 3.3 inch × 1.5 inch
Weight	0.32 kg / 0.7 lbs

QTP 8

QUESTRA® TOUCHSCREEN DISPLAY 8-INCH
WITH ANDROID 11 AND POE

Mounting options	86-Type Electrical Box, EU – flush-mounted box, US – 2 – gang-electrical Box
Power supply	External power supply unit 12 V DC 2 A (optionally available), IEEE 802.3 at compliant, PoE (Power over Ethernet)
Dimensions (W × H × D)	200 mm × 124.6 mm × 37.7 mm 7.87 inch × 4.9 inch × 1.48 inch
Weight	0.34 kg / 0.75 lbs

Find out more about **QUESTRA**
ld-systems.com/**QUESTRA**

QUESTRA® TRAININGS AND CERTIFICATION

LD Systems QUESTRA is the heart and brain of the Adam Hall Integrated Systems universe and offers everything that professional service providers need for their installation projects. With our certification programme for the Design & Management software, we teach users everything they need to know to plan, configure, and manage projects. QUESTRA certification courses are available at several international locations. If you are interested in a QUESTRA certification training, our sales team will be happy to help you!

Request training here:
Questra@adamhall.com

QUESTRA®
Certified
Level
1

QUESTRA®
Certified
Level
2

QUESTRA®
Certified
Level
3

Project support
project.support@adamhall.com

- **End-to-end expert guidance**
  from planning to implementation

- **Tailored system design, specifications**
  and **integration support**

- **On-site assistance** for installation,
  setup and commissioning

- **Comprehensive training, certification**
  and After-Sales services

- **International, multilingual support network**
  for global projects

- **QUESTRA software training**
  and certification programs worldwide

provided by **adam hall® INTEGRATED SYSTEMS**

IMA® SERIES
INSTALLATION MIXING AMPLIFIERS

Your permanent audio installations require solutions that on the one hand blend discreetly into the background and on the other hand are highly flexible and versatile in their functions. You need to be able to connect different audio sources and manage them, to mute non-priority signals during announcements or emergency calls.

With the IMA-Series, LD Systems presents an all-in-one mixing amplifier-series, which leaves nothing to be desired in terms of quality, design and flexibility. Seamless integration for industrial and commercial applications thanks to the 9.5-inch housing design, a wide range of connectivity options including Bluetooth® for wireless audio connection and a multistage priority circuit are just some of the benefits the IMA Series offers. And best of all, the IMA-Series products, are designed to be intuitive and easy to use for everyone.

Line input for emergency signal with contact closure

Switchable chime feature in Mic/Line 1 channel

4 priority levels for comprehensive integration options

Balanced AUX line output with Music-Mix switch

Switchable auto standby mode for reduction of energy consumption

Intuitive control panel design with capacitive controls for selecting music source and Bluetooth® pairing

Find out more about our **IMA** SERIES
ld-systems.com/**IMA**

IMA® 240
INSTALLATION MIXING AMPLIFIER 240 W

RMS Power	240 W (Continuous sine wave 1 kHz, 4 Ohm load)
Amplifier Outputs	High-Z: 70 V or 100 V; Low-Z: 4 Ohms minimum
Dimensions (W × H × D)	210 × 95 × 267 mm 8.3 × 3.7 × 10.5 inch
Weight	3.5 kg / 7.7 lbs

IMA® 120
INSTALLATION MIXING AMPLIFIER 125 W

RMS Power	125 W (Continuous sine wave 1 kHz, 4 Ohm load)
Amplifier Outputs	High-Z: 70 V or 100 V; Low-Z: 4 Ohms minimum
Dimensions (W × H × D)	210 × 95 × 267 mm 8.3 × 3.7 × 10.5 inch
Weight	3 kg / 6.6 lbs

IMA® 60
INSTALLATION MIXING AMPLIFIER 65 W

RMS Power	65 W (Continuous sine wave 1 kHz, 4 Ohm load)
Amplifier Outputs	High-Z: 70 V or 100 V; Low-Z: 4 Ohms minimum
Dimensions (W × H × D)	210 × 95 × 267 mm 8.3 × 3.7 × 10.5 inch
Weight	2.4 kg / 5.3 lbs

IMA® 30
INSTALLATION MIXING AMPLIFIER 35 W

RMS Power	35 W (Continuous sine wave 1 kHz, 4 Ohm load)
Amplifier Outputs	High-Z: 70 V or 100 V; Low-Z: 4 Ohms minimum
Dimensions (W × H × D)	210 × 95 × 267 mm 8.3 × 3.7 × 10.5 inch
Weight	2.4 kg / 5.3 lbs

IMA® RK
RACK- AND UNDER TABLE MOUNT KIT FOR IMA®

- Rack and under table mount kit for IMA series mixing amplifiers
- For mounting one single unit or two units together
- One IMA device in a 19-inch rack (2 RU)
- One IMA device under a table, a shelf, or under a counter
- Two IMA devices together in a 19-inch rack (2 RU)
- Seven-piece installation set including screws

PRE ST 1
4-CHANNEL STEREO MIXER PREAMPLIFIER

Emergency input	1 balanced line input
Mic/ line inputs	2
Music sources	2 unbalanced stereo line inputs, Bluetooth 4.0
Dimensions (W × H × D)	210 × 95 × 267 mm 8.3 × 3.7 × 10.5 inch
Weight	2.08 kg / 4.6 lbs

IPA SERIES
INSTALLATION POWER AMPLIFIERS

Whether in hotels, schools, houses of worship or airports, the future is audio solutions that grow and adapt to new conditions. The IPA Series DSP-based installation amplifiers offer four-channel, powerful class-D power amplifiers with direct access to the most typical basic DSP controls. The IPA Series is already prepared for remote operation with the future remote panels and paging microphones from LD Systems. An additional expansion slot guarantees a high level of future-proofing. The configuration of the IPA installation amplifiers is even more flexible thanks to the optional Ethernet card, for example when the room layout is changed or when there are fluctuating numbers of attendees. The Ethernet & Dante® card also offers Dante audio networking capabilities in order to transmit high quality, uncompromised audio with almost no latency via a standard IP network. This solution guarantees access to a wide range of Dante®-enabled devices for all conceivable applications.

Slot for optional expansion cards
for Ethernet or Ethernet + Dante®

Stereo/parallel/bridge mode
selector per pair of channels

DSP presets with HPF and LPF which can be activated via DIP switches

4 balanced line inputs and 4 speaker outputs with terminal block connections

Speaker protection circuits

optional rack rails available

User-friendly front panel
with signal, limit, protection, mute and bridge mode LEDs per channel

Find out more about our **IPA** SERIES
ld-systems.com/**IPA**

IPA 424 T
4-CHANNEL DSP INSTALLATION AMPLIFIER
4 × 240 W @ 4 OHM / 70V / 100V

Rated ouput power (1kHz @ 4 Ohms)	4 × 240 W (1.5 seconds sine burst)
Rated ouput power (1kHz @ 8 Ohms, bridged)	2 × 490 W (1.5 seconds sine burst)
Expansion Slot	For optional Ethernet, or Ethernet + Dante® cards
Dimensions (W × H × D)	483 × 44.5 × 425 mm 19 × 1.75 × 16.7 inch
Weight	11.36 kg / 25 lbs

IPA 412 T
4-CHANNEL DSP INSTALLATION AMPLIFIER
4 × 120 W @ 4 OHM / 70V / 100V

Rated ouput power (1kHz @ 4 Ohms)	4 × 240 W (1.5 seconds sine burst)
Rated ouput power (1kHz @ 8 Ohms, bridged)	2 × 490 W (1.5 seconds sine burst)
Expansion Slot	For optional Ethernet, or Ethernet + Dante® cards
Dimensions (W × H × D)	483 × 44.5 × 425 mm 19 × 1.75 × 16.7 inch
Weight	8.7 kg / 19.2 lbs

X-EDAI
ETHERNET & DANTE® AUDIO INTERFACE EXPANSION CARD
FOR IPA SERIES

Software	QUESTRA®
Dante Channels	4 × 4
Dimensions (W × H × D)	82.5 × 36.5 × 76.3 mm 3.25 × 1.44 × 3 inch
Weight	0.5 kg / 1.1 lbs

X-ECI
ETHERNET CONTROL INTERFACE CARD FOR IPA SERIES

Software	QUESTRA®
Dimensions (W × H × D)	82.5 × 36.5 × 76.3 mm 3.25 × 1.44 × 3 inch
Weight	0.5 kg / 1.1 lbs

IPA SERIES   **+**   **X EDAI** OR **X ECI**   **=**   **QUESTRA®**

Set up your system from one place

Tired of opening up different programs to configure all your equipment? Questra is a single application for PC that lets you configure and control all compatible products from one program. Use online or offline; adjust settings, create presets and configure remote control using a consistent, easy to use interface.

Find out more about our **QUESTRA**
ld-systems.com/**QUESTRA**

ZONE X SERIES
HYBRID ARCHITECTURE DSP MATRIX

In hotels, restaurants, conference centers, churches - wherever signals need to be dynamically distributed and switching processes controlled, a ZONE X DSP matrix processor makes sure everything runs smoothly. You can conveniently and concisely plan events and rely on seamless processes with comprehensive automation. The ZONE X processor becomes the brain of your installation, so to speak, just waiting for your commands.

12 balanced audio mic/line inputs

12 balanced line outputs & 8 GPI/GPO logic-ports

Hybrid architecture DSP processor
with practical templates

Ethernet + Dante® card optionally available

40-bit floating point DSP engine

Analogue devices dual core SHARC+
and ARM Cortex A5 processor

Find out more about our **ZONE X** SERIES
ld-systems.com/**ZONEX**

ZONE X 1212 (D)

HYBRID ARCHITECTURE DSP MATRIX – 12 IN / 12 OUT
(WITH DANTE® STANDARD)

Audio inputs	12 balanced mic/line inputs + 1 remote bus audio input
Audio outputs	12 balanced line outputs
DSP	40-bit floating point Analog Devices Dual-core SHARC+ processor
Dimensions (W × H × D)	483 × 44.5 × 315 mm 19 × 1.75 × 12.4 inch
Weight	4 kg / 8.8 lbs

EXTENSIVE SYSTEM CONTROL
IN MULTI-ZONE INSTALLATIONS

Features

- DSP processor with hybrid architecture that allows users to adapt to different installation requirements via templates
- 40-bit floating point DSP engine with Analog Devices dual core SHARC+ and ARM Cortex A5 processor
- New generation Linux operating system
- Premium microphone preamplifiers and high resolution 32 bit-AD/DA converters
- 12 balanced audio mic/line inputs with 48V phantom power selection per channel
- 12 balanced line outputs
- 8 GPI and 8 GPO logic ports
- Ethernet & Dante® interface for remote control via the universal control software Xilica Designer and integration of Dante®-compatible devices
- Integrated event scheduler

the brain of your installation

U500® SERIES
WIRELESS MICROPHONE SYSTEMS

The U500 Series wireless systems have been developed based on user feedback to provide technically advanced yet affordable wireless microphones and in-ear monitoring systems tailored to the needs of professional users. Whether for vocals, instruments or wireless in-ear monitoring, our versatile sets meet your expectations for premium sound, reliability and ease of use.

Sound quality with up to 100 meters or 300 feet of reach

One bodypack, wide range with mini XLR input, with a three-position level switch

Up to 12 systems simultaneously

Interchangeable mic heads

Find out more about our **U500** SERIES
ld-systems.com/**U500**

U500* HBH 2

WIRELESS MICROPHONE SYSTEM WITH BODYPACK, HEADSET AND DYNAMIC HANDHELD MICROPHONE

Channels	96 (8 groups of 12 channels)
Frequency response	30 Hz – 16 KHz Headset: 20 Hz – 20 KHz Microphone: 60 HZ – 16 KHz
Rated HF output power	Variable (2/10/30 mW)

U500* BPHH

WIRELESS MICROPHONE SYSTEM WITH BODYACK AND HEADSET

Channels	96 (8 groups of 12 channels)
Frequency response	30 Hz – 16 KHz Headset: 70 Hz – 16 KHz
Rated HF output power	Variable (2/10/30 mW)

U500* HHD

WIRELESS MICROPHONE SYSTEM WITH DYNAMIC HANDHELD MICROPHONE

Channels	96 (8 groups of 12 channels)
Frequency response	60 Hz – 16 KHz
Rated HF output power	Variable (2/10/30 mW)

U500* HHD 2

DUAL WIRELESS MICROPHONE SYSTEM WITH 2× DYNAMIC HANDHELD MICROPHONE

Channels	96 (8 groups of 12 channels)
Frequency response	60 Hz – 16 KHz
Rated HF output power	Variable (2 / 10 / 30 mW)

WS 100 DA

DIRECTIONAL ANTENNA FOR SETTING UP LARGER SYSTEMS

Frequency band	500 – 900 MHz
Antenna gain	7 dBi
Antenna connector	BNC

WS 100 AB

ANTENNA BOOSTER

Frequency band	500 – 900 MHz
Signal gain	13 dB
Antenna output connection	BNC

WIN 42 AD

4-WAY ANTENNA SPLIT BOX

Frequency band	500 – 900 MHz
Signal gain	3 dB
Antenna output connection	BNC

* WHAT FREQUENCY DO YOU REQUIRE?

- 470 – 489 MHz: **U504.7 (only available in USA)**
- 514 – 542 MHz: **U505.1 (only available in USA)**
- 548 – 608 MHz: **U505**
- 655 – 679 MHz: **U506**
- 823 – 832 MHz / 863 – 865 MHz: **U508**
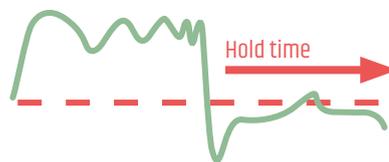- 1785 – 1800 MHz: **U518**
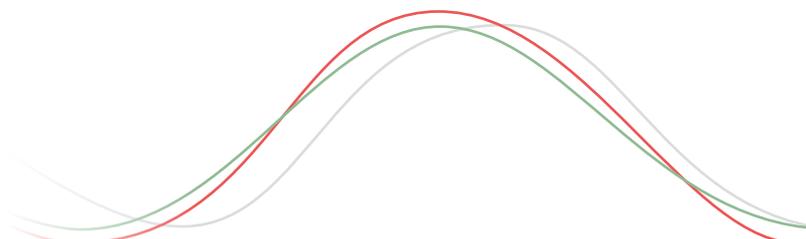
U500® CS4
4-CHANNEL WIRELESS CONFERENCE SOLUTION

Designed around you and for you, our engineering and development put their focus on professional users to create a wireless conference system for effective communication and interaction. Providing advanced technology and superb speech intelligibility, the U500 is a fully featured, elegant solution. This user-friendly system makes your job easier and conventions, meetings and discussions a success.

Highpass filter
prevents boominess up close

Hold time

Auto and manual gate
for noise control

Receiver cascading
up to five
microphone units

Individual XLR outputs
for each of the 4 channels

Removable gooseneck mic

Pilot tone for noise
free transmission

External control
via remote systems

Find out more about our **U500** SERIES
ld-systems.com/**U500**

38

U500® CONFERENCE SOLUTION

U500* CS4
4-CHANNEL WIRELESS CONFERENCE SYSTEM

CONFERENCE RECEIVER

Modulation type	FM
Groups	6
Channels	60 (6 × 10)
Antenna inputs	2
Antenna connectors	BNC
Frequency response	60 – 16,000 Hz
Noise reduction	Adjustable squelch (10 steps)
Signal-to-noise ratio	> 100 dB
Audio outputs balanced	4 × XLR
Audio outputs mix balanced	XLR
Max. output level	+12 dBu
Controls	Power on/off, digital encoder, RX 1 – 4 quick access buttons
Indicators	OLED display
Dimensions (W × H × D)	484 × 44 × 243 mm 19.1 × 1.7 × 9.6 inch
Weight	2.45 kg / 5.4 lbs

CONFERENCE MICROPHONE

Groups	6
Channels	60 (6 × 10)
Inputs	XLR
Frequency response	60 – 16,000 Hz
Signal-to-noise ratio	> 100 dB
Rated HF output power	10 mW
Controls	Low cut, power / mute, gain
Indicators	LED, OLED display
Dimensions (W × H × D)	115 × 54 × 135 mm 4.5 × 2.1 × 5.3 inch
Weight	0.72 kg / 1.59 lbs

U500® RK
RACKMOUNT KIT FOR U500® RECEIVER

Product type	Wireless Microphone System Accessories
Surface	Powder coated
Weight	0.2 kg / 0.44 lbs

*WHAT FREQUENCY DO YOU REQUIRE?

- 554 – 586 MHz: **U505 CS4**
- 662 – 694 MHz: **U506 CS4**
- 823 – 832 MHz / 863 – 865 MHz : **U508 CS4**

CONTRACTOR® SERIES
PROFESSIONAL INSTALLATION SPEAKERS

The professional installation monitors of the CONTRACTOR Series can be perfectly combined thanks to their uniform look and are the elegant solution for unobtrusive audio systems. The range includes in-wall speakers for ceilings and walls, frameless in-wall speakers as well as wall mount models. The ceiling and in-wall speakers are available in white, the wall mount speakers in black or white. All models of the CONTRACTOR Series have an extended frequency response with a high sound quality and speech intelligibility. They are ideal for permanent installations in hotels, restaurants, bars, theatre lobbies, shopping centres and AV systems.

Find out more about our **CONTRACTOR** SERIES
ld-systems.com/**CONTRACTOR**

CFL 52 (100 V) / CFL 62 (100 V)
5.25" / 6.5" FRAMELESS 2-WAY IN-WALL SPEAKER (100 V)

Type	Ceiling-mounted loudspeaker
Low-impedance rated load (RMS)	CFL 52 (100 V): 40 W; CFL 62 (100 V): 60 W
Depth	CFL 52 (100 V): 81 mm / 3.19 inch CFL 62 (100 V): 86 mm / 3.39 inch
Diameter	CFL 52 (100 V): 204 mm / 8.03 inch CFL 62 (100 V): 234 mm / 9.12 inch
Weight	CFL 52 (100 V): 1.225 kg / 2.7 lbs CFL 62 (100 V): 1.56 kg / 3.4 lbs

CICS 52 (100 V) / CICS 62 (100 V)
5.25" / 6.5" 2-WAY IN-WALL SPEAKER (100 V)

Type	Ceiling-mounted loudspeaker
Low-impedance rated load (RMS)	CICS 52 (100 V): 40 W; CICS 62 (100 V): 60 W
Depth	CICS 52 (100 V): 92 mm / 3.62 inch CICS 62 (100 V): 100 mm / 3.94 inch
Diameter	CICS 52 (100 V): 202 mm / 7.95 inch CICS 62 (100 V): 233 mm / 9.17 inch
Weight	CICS 52 (100 V): 1.31 kg / 2.9 lbs CICS 62 (100 V): 1.795 kg / 3.96 lbs
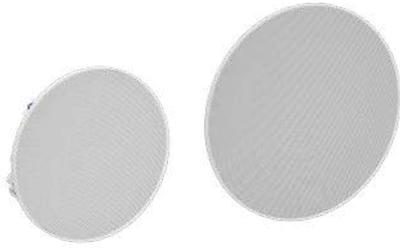
CE C6 / CE C8
FRAMELESS 6" / 8" CEILING LOUDSPEAKER 100 V

Type	Ceiling-mounted loudspeaker
Low-impedance rated load (RMS)	CE C6: 6 W; CE C8: 10 W
Depth	CE C6: 74 mm / 2.91 inch CE C8: 90 mm / 3.54 inch
Diameter	CE C6: 186 mm / 7.32 inch CE C8: 232 mm / 9.13 inch
Weight	CE C6: 0.76 kg / 1.68 lbs CE C8: 0.76 kg / 1.68 lbs

CWMS 42 (100 V) / CWMS 52 (100 V)
4" / 5.25" 2-WAY WALL MOUNT SPEAKER 100 V

Type	Ceiling-mounted loudspeaker
Low-impedance rated load (RMS)	CFL 52 (100 V): 40 W; CFL 62 (100 V): 60 W
Depth	CFL 52 (100 V): 81 mm / 3.19 inch CFL 62 (100 V): 86 mm / 3.39 inch
Diameter	CFL 52 (100 V): 204 mm / 8.03 inch CFL 62 (100 V): 234 mm / 9.12 inch
Weight	CFL 52 (100 V): 1.225 kg / 2.7 lbs CFL 62 (100 V): 1.56 kg / 3.4 lbs

CE H30
OUTDOOR HORN LOUDSPEAKER

Type	Horn loudspeaker
Low-impedance rated load	30 W (RMS)
Dimensions (W × H × D)	205 × 280 × 285 mm 8.07 × 11.02 × 11.22 inch
Weight	2.21 kg / 4.87 lbs

CE P10
10 W PROJECTOR LOUDSPEAKER

Type	Wall-mounted speaker
Low-impedance rated load	60 W (RMS)
Dimensions (W × H × D)	305 × 218 × 76 mm 12 × 8.6 × 2.99 inch
Weight	1. 69 kg / 4.19 lbs

CE PB10
10 W BI-DIRECTIONAL LOUDSPEAKER

Type	Wall- and ceiling speaker
Low-impedance rated load	10 W (RMS)
Dimensions (W × H × D)	138 × 138 × 200 mm 5.4 × 5.4 × 7.9 inch
Weight	1.7 kg / 3.75 lbs

CE 360
360-DEGREE PENDANT LOUDSPEAKER

Type	Pendant loudspeaker
Low-impedance rated load	20 W (RMS)
Diameter	254 mm / 10 inch
Weight	2.42 kg / 5.34 lbs

CWS 62
6.5" 2-WAY IN-WALL SPEAKER

Type	Wall-mounted
Low-impedance rated load	60 W (RMS)
Dimensions (W × H × D)	305 × 218 × 76 mm 12 × 8.6 × 2.99 inch
Weight	1. 69 kg / 4.19 lbs

COGS 52
5.25" OUTDOOR GARDEN SPEAKER

Type	Outdoor loudspeaker
100 V Inputs	2 W, 4 W, 8 W, 16 W, 32 W
Height	372 mm / 14.65 inch
Diameter	345 mm / 13.58 inch
Weight	3.88 kg / 8.55 lbs

PROJECT REFERENCES
BY LD SYSTEMS

For all types of installation projects, LD Systems provides high quality solutions to engage and delight your audience. From hospitality and retail to conferencing, music venues and more, we have decades of experience in developing and delivering innovative and reliable installation products.

With our extensive expertise, we are able to provide technical and logistical planning support and offer a comprehensive in-house repair service.

MODERN RESTAURANT PA
LD Systems in the Amza Restaurant

Open – that's how you might describe the Amza restaurant in Sibiu, Romania, in just one word. Over a hundred tables in a large, spacious dining area, an open kitchen, floor-to-ceiling windows, and lots of wood and plants. Amza's operators have created a thoroughly modern restaurant concept. Their AV service provider, SET-UP, chose a combination of the LD Systems CURV 500 and DQOR speaker series to provide sound for the restaurant's acoustically challenging environment.

Learn more:
blog.adamhall.com
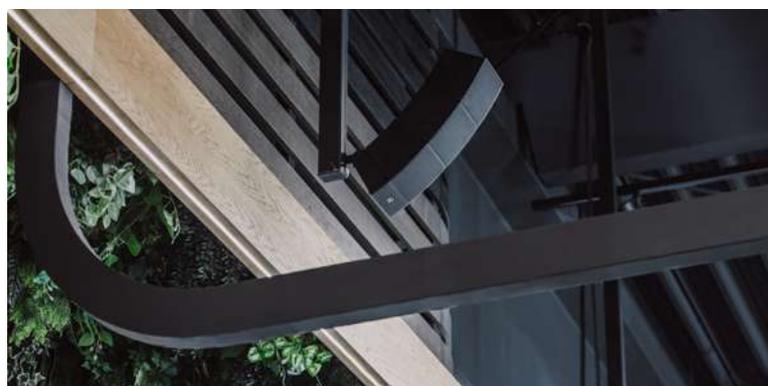
5-STAR SOUND

LD Systems at the Tyrolean luxury hotel "Das Central"

Between Tyrolean tradition and the alpine lifestyle, at the 5-star hotel "Das Central" in Sölden, Tyrol, guests will find everything they expect from a perfect alpine holiday. For the multi-zone sound system in the various indoor and outdoor areas, the integrator responsible – Wilderness Studios – opted for a lean LD Systems setup based on the QUESTRA design and management platform. The installation at "Das Central" comprises a total of six audio zones: in addition to the Summit Skybar including outdoor terrace, pool area and pool terrace, a large relaxation and wellness area on the upper floor and the lobby are also equipped with various LD Systems series. For the indoor areas, the CURV 500 miniature arrays were chosen as standard, some of which were supplemented by CURV 500 I SUB subwoofers. For the outdoor areas, the team chose the IP55-certified installation speakers from the LD Systems DQOR series.

Learn more:
blog.adamhall.com

(Photo by Matthew Murphy & Evan Zimmerman)

A LOOK BEHIND THE MASK

LD Systems at immersive broadway musical "The Masquerade" in New York

Since July 2025, the immersive new production of Andrew Lloyd Webber's famous "Phantom of the Opera" has been wowing Broadway audiences in New York. Under the direction of Tony Award winner Diane Paulus, the audience not only watch (and listen), but also immerse themselves in the action: in a multi-storey former department store in the centre of Manhattan, visitors move between large and small rooms, changing stage scenes, characters and ever-changing soundscapes. The latter are brought to life by more than 1,000 permanently installed loudspeakers from LD Systems, which have been seamlessly integrated into the opulent, detailed sets. But how is it possible to create clear, immersive soundscapes in such a complex room layout?

Learn more:
blog.adamhall.com

(Photo by Oscar Ouk)

(Photo by Luis Suarez)

(Photo by Oscar Ouk)

MULTI-ZONE AUDIO SYSTEM

LD Systems at ARCA Resort in Romania

If you want to eat particularly fresh fish in Romania, you can't avoid the ARCA Resort. Located directly at a large fish pond, the owners of ARCA run a high-quality fish restaurant with its own fish farm. But the building complex offers its guests much more than that: weddings and corporate events, tiny houses on the shore of the lake and a park with playgrounds and sports fields for children and adults. In order to provide the multifunctional location with audio signals as flexibly as possible, integrators Direct Sound took advantage of the extended closure period during the COVID pandemic to install a multi-zone audio system based entirely on LD Systems solutions.

Learn more:
blog.adamhall.com

About our **mission**.

RELIABILITY
Regardless of which concert or event, whether on stage or at a conference, you have to instinctively be able to rely on your sound system. That's why LD Systems continues to pride itself on delivering high-quality materials and long-lasting workmanship.

SOUND PERFORMANCE
Product developers at LD Systems take great care to ensure that the sound you've got in mind becomes a reality. From tweeters to subwoofers, or from mobile PAs to installed systems, our goal is to always represent the latest state of sound technology.

USER-FRIENDLINESS
LD Systems puts the user first, meaning that simple, intuitive, and efficient operation is already factored in at an early stage during development. From ergonomic handles to easily readable LED displays.

DESIGN LANGUAGE
Thanks to its design-award-winning design language, LD Systems products are not only a pleasure to be heard but a beauty to behold. The unmistakable LD Systems Angle, for example, is used time and time again and gives products their special look.

PASSION
We are dedicated to achieving excellence with remarkable engineering and measurement capability - like the passion that grips a musician on stage, the engineers and designers at LD Systems are enthusiastic to bring the highest standards in sound and design to our products - **LD Systems engineered in Germany.**

**Interested in products or need a quote
for your installation project?**

Please contact the Adam Hall sales department or
make an appointment with our project support team.

Adam Hall GmbH
Adam-Hall-Str. 1 | 61267 Neu-Anspach | Germany
project.support@adamhall.com

your **sound**.
our mission.