



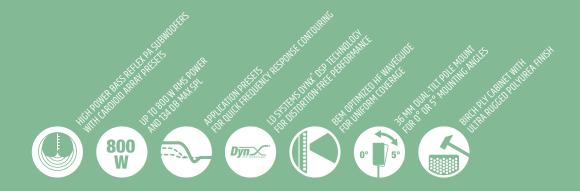
STINGER® G3 SERIES
MULTIFUNCTIONAL PA SPEAKERS & SUBWOOFERS



workhorse noun [C] UK /'wə:khɔ:s/

"A dependable performer; a steady, responsible worker who assumes a heavy workload."





STINGER® G3 SERIES MULTIFUNCTIONAL PA SPEAKERS & SUBWOOFERS

High-performance workhorse loudspeakers for outstanding sound reinforcement - that was our goal creating the STINGER G3 series. We've combined optimized components and smart details in active and passive models to ensure exceptional reliability and ease of use. STINGER multipurpose systems and subwoofers are your go-to choice for affordable pro audio quality. It's time you saddled up!



RE-DEFINING MULTITALENT

Application presets enable instant frequency response contouring.



INPUT VARIETY

Dual line and mic level inputs add application versatility to active STINGER G3 models



DYNX® DSP-TECHNOLOGY

Including multiband limiter and crossover functions, LD Systems' DynX DSP technology ensures perfect time alignment and distortion-free performance even at maximum levels



TAKE AIM

LD Systems' Dual-Tilt pole mount allows 0° and 5° orientation angles.





ENGINEERED FOR PERFECTION

Designed with BEM modeling of sound radiation and propagation, the HF waveguide reduces floor and ceiling reflections, effectively eliminates side lobes and achieves a controlled uniform coverage pattern

BUILT TO LAST

Ultra tough impact resistan polyurea coating provide unrivaled durability



ALL MODELS EQUIPPED WITH POWERCON COMPATIBLE CONNECTORS

4 x HEAVY-DUTY HANDLES

2 x M20 SPEAKER POLE INSERTS



Ultra tough impact resistant polyurea coating provides unrivaled durability.







INSTANT CARDIOID SUB ARRAY CONFIGURATION

2 X INTEGRATED KEEPER PLATES FOR STINGER CASTOR BOARD ATTACHMENT



SYSTEM INTEGRATION MADE EASY

PASSIVE





TECHNICAL SPECIFICATIONS

SPECIFICATIONS SPEAKERS:

| Art. No.: | LDEB82G3 | LDEB282G3 | LDEB102G3 | LDEB122G3 | LDEB152G3 | LDEB82AG3 | LDEB282AG3 | LDEB102AG3 | LDEB122AG3 | LDEB152AG3 |
|----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|--|--|--|--|
| Product type: | PA loudspeaker | PA loudspeaker | PA loudspeaker | PA loudspeaker | PA loudspeaker | PA loudspeaker | PA loudspeaker | PA loudspeaker | PA loudspeaker | PA loudspeaker |
| Туре: | passive | passive | passive | passive | passive | active | active | active | active | active |
| Low/mid driver dimensions: | | 2 x 8" | | | | | 2 x 8" | | | |
| HF driver dimensions: | | | | | | | | | | |
| HF driver brand: | BMS | BMS | BMS | BMS | BMS | BMS | BMS | BMS | BMS | BMS |
| Dispersion (H x V): | 90°x50° | 90°x50° | 90 ° x 50 ° | 90°x 50° | 90°x50° | 90°x50° | 90°x50° | 90°x50° | 90°x50° | 90°x50° |
| Load rating (RMS): | 250 W | 400 W | 300 W | 400 W | 500 W | 300 W | 500 W | 300 W | 500 W | 500W |
| Peak power: | 500W | 800W | 600 W | 800 W | 1000W | 600 W | 1000 W | 600 W | 1000 W | 1000 W |
| Frequency response: | | | | | | | | | | 50 - 20000 Hz |
| SPL (1W/1m): | 95 dB | | 96 dB | | | | | | | |
| Max. SPL (peak): | | 125 dB | | 125 dB | | 125 dB | | | | 133 dB |
| Impedance: | | | | | | | | | | |
| Loudspeaker inputs: | | | | | | | | | | |
| Inputs: | Speakon compatible | Speakon compatible | Speakon compatible | Speakon compatible | Speakon compatible | 2 x Line/Mic In on XLR, 6.3 mm Jack / 1 x Line Out on XLR | 2 x Line/Mic In on XLR, 6.3 mm Jack / 1 x Line Out on XLR | 2 x Line/Mic In on XLR, 6.3 mm Jack /1x Line Out on XLR | 2 x Line/Mic In on XLR, 6.3 mm Jack /1x Line Out on XLR | 2 x Line/Mic In on XLR, 6.3 mm Jack / 1 x Line Out on XLR |
| Cabinet material: | 12 mm Plywood | 12 mm Plywood | 12 mm Plywood | 15 mm Plywood | 15 mm Plywood | 12 mm Plywood | 12 mm Plywood | 12 mm Plywood | 15 mm Plywood | 15 mm Plywood |
| Cabinet surface: | Polyurea | Polyurea | Polyurea | Polyurea | Polyurea | Polyurea | Polyurea | Polyurea | Polyurea | Polyurea |
| Width: | | | | | | 270 | 270 | 325 mm | 200 mm | 400 |
| WIULII: | 270 mm | 270 mm | 325 mm | 390 mm | 480 mm | 270 mm | 270 mm | 325 111111 | 390 mm | 480 mm |
| Height: | 270 mm 457 mm | 270 mm 756 mm | 325 mm 527 mm | 390 mm 627 mm | 480 mm 737 mm | 270 mm 457 mm | 756 mm | 527 mm | 627 mm | 737 mm |
| | | | | | | | | | | |

SPECIFICATIONS SUBWOOFERS:

| Art. No.: | LDESUB15G3 | LDESUB18G3 | LDESUB15AG3 | LDESUB18AG3 |
|----------------------------|--------------------|--------------------|------------------|------------------|
| Product type: | PA subwoofer | PA subwoofer | PA subwoofer | PA subwoofer |
| Туре: | passive | passive | active | active |
| Low/mid driver dimensions: | | | | |
| Load rating (RMS): | 600 W | 800 W | 450 W | 800 W |
| Peak power: | 1200 W | 1600 W | 900 W | 1600W |
| Frequency response: | | | | |
| Max. SPL (peak): | 127 dB | 129 dB | 133 dB | 135 dB |
| Controls: | | | Main Level, Mode | Main Level, Mode |
| Inputs: | | | | |
| Input connectors: | Speakon compatible | Speakon compatible | 6.3 mm Jack, XLR | 6.3 mm Jack, XLR |
| Cabinet material: | 18 mm Plywood | 18 mm Plywood | 18 mm Plywood | 18 mm Plywood |
| Cabinet surface: | Polyurea | Polyurea | Polyurea | Polyurea |
| Width: | 576 mm | 677 mm | 576 mm | 677 mm |
| Height: | 477 mm | 547 mm | 477 mm | 547 mm |
| Depth: | 624 mm | 740 mm | 624 mm | 740 mm |
| Weight: | 29,7 kg | 40.6 kg | 31.9 kg | 42.6 kg |





STINGER SETS

Available in a variety of subwoofer and satellite configurations, STINGER sets are the perfect loudspeaker packages for music and speech. From rehearsal rooms and small-scale gigs to gala events and demanding outdoor sound reinforcement requiring extra low end there is a STINGER speaker set for you. Providing dynamic music reproduction with punch and clarity as well as excellent speech intelligibility, these loudspeaker packages come in powered and passive versions including all the necessary cables, speaker poles, protective covers and castor boards for easy subwoofer transport. Whether you are playing a club gig, performing at a private function or street festival, STINGER sets have got you and your audience covered.



Providing easy portability, this compact set is terrific for small gigs and functions that require excellent music and speech reinforcement.

Applications:

DJs | solo entertainers | singer-songwriters | private functions

Audience Size*:

150 music | 200 speech

PASSIVE SET

LDEBSETLOUNGE

Including:

- 2 x STINGER 8 G3
- 1 x STINGER SUB 15 G3
- •1x POWER AMP RACK DSP 45 K
- 2 x STINGER 8 G3 PC
- 1 x STINGER SUB 15 G3 PC

Recommended accessories:

- 2 x GRAVITY SSP WB SET 1 (GSSPWBSET1)
- · 3 x ADAM HALL CABLES K 4 S 425 SS 1000 (K4S425SS1000)

ACTIVE SET

I DEBSETI OUNGEA

Including:

- 2 x STINGER 8 A G3
- 1 x STINGER SUB 15 A G3
- 2 x STINGER 8 G3 PC
- 1 x STINGER SUB 15 G3 PC
- 1 x STINGER SUB 15 G3 CB

- 2 x GRAVITY SSP WB SET 1 (GSSPWBSET1)
- · 2 x ADAM HALL CABLES K4 MMF 1000 (K4MMF1000)

^{*}NOTE: Audience size specifications are approximate only. The actual numbers may vary depending on room acoustics and environment.







This set is the perfect all-round package for small to medium-sized gigs and functions providing a tight and punchy low end from the two subwoofers.

Applications:

small bands | DJs | private functions

Audience Size*:

200 music | 300 speech

PASSIVE SET

IDFRSFTFVFNT

Including:

- 2 x STINGER 10 G3
- 2 x STINGER SUB 15 G3
- •1x POWER AMP RACK DSP 45 K
- 2 x STINGER 10 G3 PC
- 2 x STINGER 10 G3 CB
- 2 x STINGER SUB 15 G3 PC
- 2 x STINGER SUB 15 G3 CB

Recommended accessories:

- 2 x GRAVITY SP 2342 B (GSP2342B)
- 2 x ADAM HALL CABLES K 4 S 425 SS 1000 (K4S425SS1000)
- · 2 x ADAM HALL CABLES K 4 S 225 SS 0200 (K4S215SS0200)

ACTIVE SET

Including:

- 2 x STINGER 10 A G3
- 2 x STINGER SUB 15 A G3
- 2 x STINGER 10 G3 PC
- 2 x STINGER 10 G3 CB
- 2 x STINGER SUB 15 G3 PC
- 2 x STINGER SUB 15 G3 CB

- 2 x GRAVITY SP 2342 B (GSP2342B)
- 4 x ADAM HALL CABLES 8101 PSDT 0300 (8101PSDT0300)

^{*}NOTE: Audience size specifications are approximate only. The actual numbers may vary depending on room acoustics and environment.







Sets include slip covers and castor boards.



Excellent for live clubs and touring bands, this set is a superb choice wherever highly dynamic music reinforcement with plenty of power and punch is of prime importance.

Applications:

bands | live clubs | large private functions | corporate events | AV presentations

Audience Size*:

250 music | 350 speech

PASSIVE SET

LDEBSETPOWER

Including:

- 2 x STINGER 15 G3
- 2 x STINGER SUB 18 G3
- •1x POWER AMP RACK DSP 45 K
- 2 x STINGER 15 G3 PC
- 2 x STINGER 15 G3 CB
- 2 x STINGER SUB 18 G3 PC
- 2 x STINGER SUB 18 G3 CB

Recommended accessories:

- 2 x GRAVITY SP 2342 B (GSP2342B)
- 2 x ADAM HALL CABLES K 4 S 425 SS 1000 (K4S425SS1000)
- · 2 x ADAM HALL CABLES K 4 S 225 SS 0200 (K4S215SS0200)

ACTIVE SET

INFRSFTPOWERA

Including:

- 2 x STINGER 15 A G3
- 2 x STINGER SUB 18 A G3
- 2 x STINGER 15 G3 PC
- 2 x STINGER 15 G3 CB
- 2 x STINGER SUB 18 G3 PC
- 2 x STINGER SUB 18 G3 CB

- 2 x GRAVITY SP 2342 B (GSP2342B)
- 4 x ADAM HALL CABLES 8101 PSDT 0300 (8101PSDT0300)

^{*}NOTE: Audience size specifications are approximate only. The actual numbers may vary depending on room acoustics and environment.









Delivering a massive low-end with punch and clarity, this set is ideal for outdoor sound reinforcement. With a quartet of subwoofers an two 15" tops, it easily covers medium-sized gigs at town fairs, street festivals and in marquees.

Applications:

outdoor sound reinforcement for bands | DJs | large private functions

Audience Size*:

300 music | 400 speech

PASSIVE SET

I DEBCETIMBACT

Including:

- 2 x STINGER 15 G3
- 4 x STINGER SUB 18 G3
- •1x POWER AMP RACK DSP 45 K
- 2 x STINGER 15 G3 PC
- 2 x STINGER 15 G3 CB
- 4 x STINGER SUB 18 G3 PC
- 4 x STINGER SUB 18 G3 CB

Recommended accessories:

- 2 x GRAVITY SP 2342 B (GSP2342B)
- 2 x ADAM HALL CABLES K 4 S 425 SS 1000 (K4S425SS1000)
- · 2 x ADAM HALL CABLES K 4 S 225 SS 0200 (K4S215SS0200)

ACTIVE SET

I DEBSETIMPACTA

Including:

- 2 x STINGER 15 A G3
- 4 x STINGER SUB 18 A G3
- 2 x STINGER 15 G3 PC
- 2 x STINGER 15 G3 CB
- 4 x STINGER SUB 18 G3 PC
- 4 x STINGER SUB 18 G3 CB

- 2 x GRAVITY SP 2342 B (GSP2342B)
- 4 x ADAM HALL CABLES 8101 PSDT 0150 (8101PSDT0150)

^{*}NOTE: Audience size specifications are approximate only. The actual numbers may vary depending on room acoustics and environment.







Including a pair of slim, low-profile satellites and two subwoofers, this set is a great option for events that require excellent speech intelligibility and extended coverage.

Applications:

gala events | corporate conferences | large private functions

Audience Size*:

250 music | 350 speech

PASSIVE SET

LDEBSETGALA

Set consisting of:

- 2 x STINGER 28 G3
- 2 x STINGER SUB 18 G3
- •1x POWER AMP RACK DSP 45 K
- 2 x STINGER 28 G3 PC
- 2 x STINGER 28 G3 CB
- 2 x STINGER SUB 18 G3 PC
- 2 x STINGER SUB 18 G3 CB

Recommended accessories:

- · 2 x GRAVITY SP 2342 B (GSP2342B)
- 2 x ADAM HALL CABLES K 4 S 425 SS 1000 (K4S425SS1000)
- · 2 x ADAM HALL CABLES K 4 S 225 SS 0200 (K4S215SS0200)

ACTIVE SET

LDEBSETGALAA

Set consisting of:

- 2 x STINGER 28 A G3
- 2 x STINGER SUB 18 A G3
- · 2 x Stinger 28 G3 PC
- · 2 x Stinger 28 G3 CB
- 2 x Stinger Sub 18 G3 PC
- 2 x STINGER SUB 18 G3 CB

- · 2 x GRAVITY SP 2342 B (GSP2342B)
- 2 x ADAM HALL CABLES 8101 PSDT 0300 (8101PSDT0300)

^{*}NOTE: Audience size specifications are approximate only. The actual numbers may vary depending on room acoustics and environment.







welcome to the digital age.

DSP SERIES

PROFESSIONAL DSP POWER AMPLIFIERS

The LD Systems® DSP power amps are professional 4-channel power amplifier with extensive DSP control. Designed for demanding large-scale sound reinforcement and concert-quality performance, they deliver a massive 1,200 watts per channel and 2 x 2,400 watts bridged. The high-efficiency Class H topology and switch mode power supply with power factor correction (PFC) provide a wide dynamic range and excellent transient response.

These amps feature comprehensive protection circuitry including power-up, DC, overcurrent, thermal and short circuit protection plus current and clip limiters to prevent SMPS overload and loudspeaker damage. Together with a pair of temperature controlled fans, they ensure exceptional reliability in the most demanding applications. The 24-bit DSP allows precise control with FIR and IIR filters, parametric EQ, crossover, delay, RMS and peak limiter functions. User configurable loudspeaker presets with password protection enable fast setup.

For optimal speaker performance and safe operation the DSP power amps are equipped with an LD Systems® loudspeaker preset library, and the included software enables computer control and monitoring.









DSP 44 K RACKPROFESSIONAL DSP POWER AMPLIFIER
WITH DANTE™ INTERFACE

DSP 45 K RACKPROFESSIONAL DSP POWER AMPLIFIER

- . 4-channel power amplifier with DSP control / + Dante™ enabled (DSP 44 K)
- . 4 x 1,200 watts @ 4 and 2 ohms, 2 x 2,400 watts bridged @ 4 ohms
- . 10 Hz 22 kHz frequency response with 120 dB dynamic range
- . 24-bit/48kHz DSP with FIR and IIR filters, parametric EQ, crossover, delay, RMS and peak limiters
- DC, overcurrent, thermal and short circuit protection, soft start, clip and SMPS overload limiters
- . Dual temperature-controlled fans
- Power factor correction (PFC)
- . Menu driven 4-line display with rotary encoder and security lock
- . Includes control and monitoring software and LD Systems® Loudspeaker Preset Library

SPECIFICATIONS:

| Art.No.: | LDDSP44KRACK | LDDSP45KRACK |
|---|--|--|
| Product type: | Power Amplifier | Power Amplifier |
| Type: | 4-channel | 4-channel |
| Rated ouput power (1kHz @ 2 0hms): | 4 x 1200 W | 4 x 1200 W |
| Rated ouput power (1kHz @ 4 0hms): | 4 x 1200 W | 4 x 1200 W |
| Rated ouput power (1kHz @ 8 0hms): | 4 x 675 W | 4 x 675 W |
| Rated ouput power (1kHz @ 4 0hms, bridged): | 2 x 2400 W | 2 x 2400 W |
| High Z 70 V rms / 100 V peak: | 4 x 1200 W | 4 x 1200 W |
| High Z 100 V rms / 140 V peak: | 2 x 2400 W | 2 x 2400 W |
| Output circuitry: | Class H | Class H |
| Frequency response: | 10 Hz - 22 kHz | 10 Hz - 22 kHz |
| THD: | < 0.05 % @ 1 kHz | < 0.05 % @ 1 kHz |
| Signal-to-noise ratio: | 104 dB | 104 dB |
| Protection circuits: | clip limiter , DC protection , Multiband limiter , over-current , RMS speaker limiter , short circuit , soft start , thermal protection | clip limiter , DC protection , Multiband limiter , over-current , RMS speaker limiter , short circuit , soft start , thermal protection |
| Controls: | Direct access buttons , Exit / lock button , On / off switch , Push encoder | Direct access buttons , Exit / lock button , On / off switch , Push encoder |
| Indicators: | LC display | LC display |
| Line inputs: | 4 | 4 |
| Line input connectors: | Neutrik XLR | Neutrik XLR |
| Line outputs: | 4 | 4 |
| Line output connectors: | Neutrik XLR | Neutrik XLR |
| Loudspeaker outputs: | 4 | 4 |
| Speaker output connections: | Speakon | Speakon |
| Cooling: | 2 fans, temperature controlled | 2 fans, temperature controlled |
| Maximum Ambient Temperature: | 0 - 40° | 0 - 40° |
| Operating voltage: | 220 V AC - 240 V AC, 50-60 Hz , Switching Power Supply | 220 V AC - 240 V AC, 50-60 Hz , Switching Power Supply |
| Relative Humidity: | < 80% (non-condensing) | < 80% (non-condensing) |
| Power consumption @ full load: | 1900 W | 1900 W |
| Dimensions (W x H x D): | 482 mm x 89 mm x 320 mm | 482 mm x 89 mm x 320 mm |
| Weight: | 17.9 kg | 17.9 kg |
| Features: | 19" / 2 U , Active Power Factor Correction , Computer control software, Dante interface , DSP controlled , Ethernet , LD Systems loudspeaker preset library , USB front port | 19" / 2 U , Active Power Factor Correction , Computer control software, DSP controlled, Ethernet, LD Systems loudspeaker preset library , USB front port |

| Art. No.: | LDDSP44KPB/ LDDSP45KPB |
|-------------------------|--|
| Product type: | 19" Patchbay |
| Туре: | 4-channel |
| Connectors: | 2 x RJ45 (LDDSP45KPB only 1 x RJ45), 4 x Neutrik Speakon, 4 x Neutrik XLR Female, 2 x Neutrik XLR Male |
| Material / Surface: | Steel, powder coated |
| Dimensions (W x H x D): | 19"/ 1 HE, 483 mm x 44,5 mm x 110 mm |
| Weight: | 1.5 kg |

WORKHORSE WALL AND TRUSS MOUNT ACCESSORIES



STINGER 8 G3 WMB

LDEB82G3WMB SWIVEL WALL MOUNT FOR STINGER 8"

STINGER 8 (A)G3 WMB 1

LDEB82G3WMB1 / LDEB82AG3WMB1 TILT AND SWIVEL WALL MOUNT FOR STINGER 8"

STINGER 28 G3 WMB

LDEB282G3WMB SWIVEL WALL MOUNT FOR STINGER 2 x 8"



STINGER 28 (A)G3 WMB 1

GSPWMBS30B / LDEB282AG3WMB1 TILT AND SWIVEL WALL MOUNT FOR STINGER 2 x 8" ACTIVE /PASSIVE

STINGER 10 G3 WMB

LDEB102G3WMB SWIVEL WALL AND CEILING MOUNT FOR STINGER 10"

STINGER 10 G3 WMB 1

LDEB102G3WMB1 TILT AND SWIVEL WALL MOUNT FOR STINGER 10"



STINGER G3 WMB

LDEBG3WMB SWIVEL WALL MOUNT FOR STINGER 12" AND STINGER 15"

STINGER G3 WMB 1

LDEBG3WMB1 TILT AND SWIVEL WALL MOUNT FOR STINGER 12" AND STINGER 15"

STINGER G3 SCP

LDEBG3SCP TRUSS MOUNT CLAMP SET FOR STINGER 8" AND STINGER 10"





NO TOOLS REQUIRED



3-POINT SUSPENSION



AUTOMATIC LOCKING



2-HAND SAFETY RELEASE



PAN & TILT



ADJUSTABLE WHILE MOUNTED

STINGER G3 TMB

LDEBG3TMB
TRUSS MOUNT BRACKET FOR STINGER 12" AND STINGER 15"

WORKHORSE TRANSPORT ACCESSORIES



STINGER 8 G3 PC LDEB82G3PC PROTECTIVE COVER FOR STINGER 8"



STINGER 28 G3 PC LDEB282G3PC PROTECTIVE COVER FOR STINGER 2 x 8"



STINGER 10 G3 PC LDEB102G3PC PROTECTIVE COVER FOR STINGER 10"



STINGER 12 G3 PC LDEB122G3PC PROTECTIVE COVER FOR STINGER 12"



STINGER 15 G3 PC
LDEB152G3PC
PROTECTIVE COVER FOR STINGER 15"



STINGER SUB 15 G3 PC
LDESUB15G3PC
PROTECTIVE COVER FOR STINGER SUB 15"



STINGER SUB 18 G3 PC LDESUB18G3PC PROTECTIVE COVER FOR STINGER SUB 18"



STINGER SUB 15 G3 CB
LDESUB15G3CB
CASTOR BOARD FOR STINGER SUB 15"



STINGER SUB 18 G3 CB LDESUB18G3CB CASTOR BOARD FOR STINGER SUB 18"



STINGER® G3 SERIES MULTIFUNCTIONAL PA SPEAKERS & SUBWOOFERS





DESIGNED & ENGINEERED IN GERMANY

MEET YOUR NEW EMPLOYEE OF THE YEAR: Id-systems.Com/STINGERG3