

USER'S MANUAL
BEDIENUNGSANLEITUNG
MANUEL D'UTILISATION
MANUAL DE USUARIO
INSTRUKCJA OBSŁUGI
MANUALE D'USO

LDsystems 



DAVE G4X SERIES

COMPACT 2.1 PA SYSTEM

LDDAVE18G4X / LDDAVE15G4X / LDDAVE12G4X / LDDAVE10G4X

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YOU MADE THE RIGHT CHOICE!

This device was developed and manufactured under high quality requirements to ensure many years of trouble-free operation. This is what LD Systems stands for with its name and many years of experience as a manufacturer of high-quality audio products. Please read these operating instructions carefully so that you can quickly and optimally use your new LD Systems product.

You can find more information about **LD Systems** on our website WWW.LD-SYSTEMS.COM

ABOUT THIS MANUAL

- Read the safety instructions and the entire manual carefully before commissioning.
- Observe the warnings on the unit and in the operating instructions.
- Always keep the operating instructions within reach.
- If you sell or pass on the appliance, be sure to hand over these operating instructions as well, as they are an essential part of the product.

INTENDED USE

The product is a device for event technology!

The product has been developed for professional use in the field of event technology and is not suitable for use in households!

Furthermore, this product is only intended for qualified users with specialist knowledge of event technology!

Use of the product outside the specified technical data and operating conditions is considered improper use! Liability for damage and third party damage to persons and property due to non-intended use is excluded!

The product is not suitable for:

- People (including children) with reduced physical, sensory or mental abilities or lack of experience and knowledge.
- Children (Children must be instructed not to play with the device).

EXPLANATIONS OF TERMS AND SYMBOLS

1. **DANGER:** The word DANGER, possibly in combination with a symbol, indicates immediately dangerous situations or conditions for life and limb.
2. **WARNING:** The word WARNING, possibly in combination with a symbol, indicates potentially dangerous situations or conditions for life and limb
3. **CAUTION:** The word CAUTION, possibly in combination with a symbol, is used to indicate situations or conditions that may lead to injury.
4. **ATTENTION:** The word ATTENTION, possibly in combination with a symbol, refers to situations or states that can lead to damage to property and/or the environment.



This symbol indicates hazards that can cause an electric shock.



This symbol indicates danger spots or dangerous situations.



This symbol indicates danger from hot surfaces.



This symbol indicates danger from high volumes.



This symbol indicates supplementary information on the operation of the product.



This symbol denotes a device that does not contain any user-serviceable parts.

SAFETY INSTRUCTIONS



DANGER:

1. Do not open or modify the device.
2. If your device is no longer working properly, liquids or objects have gotten inside the device, or the device has been damaged in any other way, switch it off immediately and disconnect it from the power supply. This device may only be repaired by authorized specialist personnel.
3. For devices of protection class 1, the protective conductor must be connected correctly. Never interrupt the protective conductor. Protection class 2 devices do not have a protective conductor.
4. Ensure that live cables are not kinked or otherwise mechanically damaged.
5. Never bypass the device fuse.



WARNING:

1. The device must not be put into operation if it shows obvious signs of damage.
2. The device may only be installed in a voltage-free state.
3. If the power cord of the device is damaged, the device must not be put into operation.
4. Permanently connected power cords may only be replaced by a qualified person.

**DANGER:**

1. Do not operate the device if it has been exposed to severe temperature fluctuations (e.g. after transport). Humidity and condensation could damage the device. Do not switch on the device until it has reached the ambient temperature.
2. Make sure that the voltage and frequency of the mains supply correspond to the values indicated on the device. If the device has a voltage selector switch, do not connect the device until this is set correctly. Only use suitable power cords.
3. To disconnect the device from the mains at all poles, it is not enough to press the on/off switch on the device.
4. Ensure that the fuse used corresponds to the type printed on the device.
5. Make sure that appropriate measures against overvoltage (e.g. lightning) have been taken.
6. Note the specified maximum output current on devices with a power out connection. Make sure that the total power consumption of all connected devices does not exceed the specified value.
7. Only replace pluggable power cords with original cables.

**DANGER:**

1. Danger of suffocation! Plastic bags and small parts must be kept out of the reach of people (including children) with reduced physical, sensory or mental abilities.
2. Danger from falling! Make sure the device is installed securely and cannot fall. Only use suitable tripods or attachments (especially for fixed installations). Make sure accessories are properly installed and secured. Make sure that the applicable safety regulations are observed.

**WARNING:**

1. Only use the device in the manner intended.
2. Only operate the device with the accessories recommended and intended by the manufacturer.
3. During installation, observe the safety regulations applicable in your country.
4. After connecting the unit, check all cable routes to avoid damage or accidents, e.g. due to tripping hazards.
5. Be sure to observe the specified minimum distance to normally flammable materials! Unless this is explicitly stated, the minimum distance is 0.3 m.

**ATTENTION:**

1. There is a risk of jamming with moving components such as mounting brackets or other moving components.

**DANGER:**

1. Do not install or operate the device near radiators, heat registers, stoves or other heat sources. Make sure that the device is always installed in such a way that it is sufficiently cooled and cannot overheat.
2. Do not place any sources of ignition such as burning candles near the device.
3. Ventilation openings must not be covered and fans must not be blocked.
4. Use the original packaging or packaging provided by the manufacturer for transport.
5. Avoid shock or shock to the device.
6. Observe the IP protection class and the environmental conditions such as temperature and humidity according to the specification.
7. Devices can be continuously developed. In the event of deviating information on operating conditions, performance or other device properties between the operating instructions and the device labeling, the information on the device always has priority.
8. The device is not suitable for tropical climate zones and for operation above 2000 m above sea level.

**ATTENTION:**

Connecting signal cables can result in significant noise interference. Make sure that devices connected to the output are muted during plugging. Otherwise, noise levels can cause damage.

**ATTENTION HIGH VOLUMES WITH AUDIO PRODUCTS!**

This device is intended for professional use.

The commercial operation of this device is subject to the applicable national regulations and guidelines for accident prevention.

Hearing damage due to high volumes and continuous exposure: The use of this product can generate high sound pressure levels (SPL) which can cause hearing damage. Avoid exposure to high volumes.

**SIGNAL TRANSMISSION VIA RADIO (e.g. W-DMX or audio radio systems, Bluetooth):**

The quality and performance of wireless signal transmissions generally depends on the environmental conditions.

Influence on the range and signal stability, for example:

- Shielding (e.g. masonry, metal structures, water)
- High radio traffic (e.g. strong W-LAN networks)
- Interference
- Electromagnetic radiation (e.g. LED video walls, dimmers)

All range specifications refer to free field use with visual contact without interference!

The operation of transmitters is subject to official regulations. These can vary from region to region and must be checked by the operator before commissioning (e.g. radio frequency and transmission power).

**WARNING:**

Devices with wireless signal transmission are not suitable for operation in sensitive areas in which radio operation can lead to possible interactions. These include, for example:

- Hospitals, health centers or other healthcare facilities that perform patient treatments with specialized staff and equipment.
- Class I, II and III hazardous areas
- restricted areas
- military facilities
- airplanes or vehicles
- Areas where cell phone use is prohibited

**NOTES FOR PORTABLE INDOOR DEVICES**

1. Temporary operation! Event equipment is basically only designed for temporary operation.
2. Continuous operation or permanent installation can lead to impairment of the function and premature aging of the devices.

SCOPE OF DELIVERY

Remove the product from the packaging and remove all packaging material.

Check that the delivery is complete and intact and notify your distributor immediately after purchase if the delivery is incomplete or damaged.

The scope of delivery of the product DAVE 18 G4X includes:

- 1x DAVE 18 G4X Subwoofer
- 2x DAVE 18 G4X Satellite
- Power cord
- Operating instructions

The scope of delivery of the product DAVE 15 G4X includes:

- 1x DAVE 15 G4X Subwoofer
- 2x DAVE 15 G4X Satellite
- Power cord
- Operating instructions

The scope of delivery of the product DAVE 12 G4X includes:

- 1x DAVE 12 G4X Subwoofer
- 2x DAVE 12 G4X Satellite
- Power cord
- Operating instructions

The scope of delivery of the product DAVE 10 G4X includes:

- 1x DAVE 10 G4X Subwoofer
- 2x DAVE 10 G4X Satellite
- Power cord
- Operating instructions

ASSEMBLY AND CABLING



DANGER:

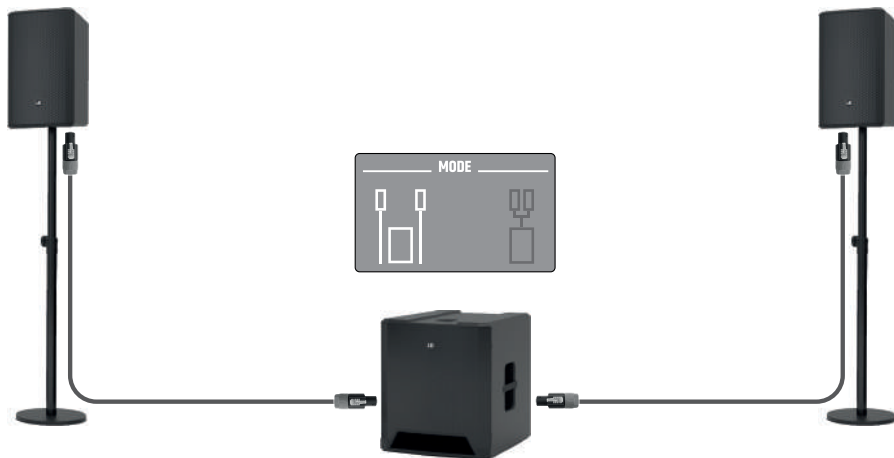
Always place the speaker system in a suitable location on a sufficiently stable, level and horizontal surface. Make sure that the speaker system cannot fall off the edge of a stage (e.g. due to vibration). There is a risk that equipment that has not been set up and positioned correctly will fall over or down. This can cause serious injury or death.

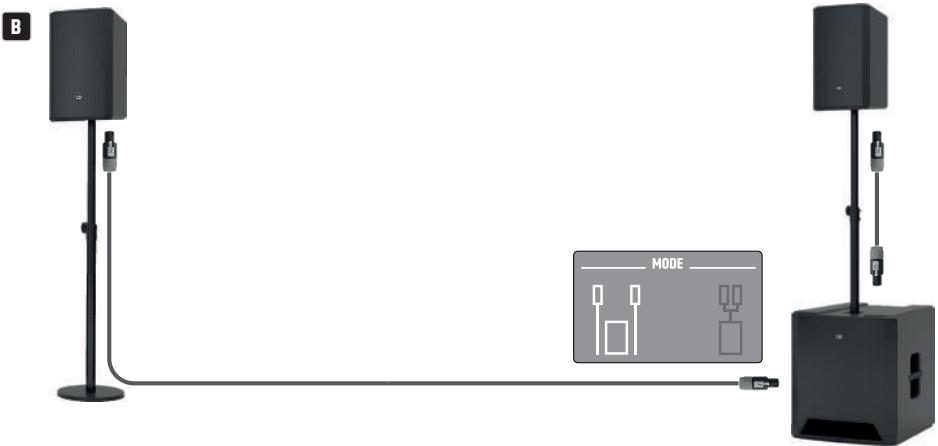
For optimal sound distribution of the bass, position the subwoofer centrally between the two satellite speakers **A**. If a central position is not possible, the subwoofer can alternatively be positioned side-ways **B**. Use the M20 flange on the top of the subwoofer to attach a distance rod. In both cases, select the DSP preset corresponding to the set-up variant (MODE SELECT, left symbol).

The DAVE 12, DAVE 15 and DAVE 18 G4X satellites have a dual tilt flange with 0° and 5° tilt. Use the 0° flange with a standing audience and adjust the height of the bottom edge of the satellites to approximately the head height of the audience.

Use the 5° tilt flange with a seated audience. Pay attention to the maximum permissible load and height of the stands and spacer rods used (stands and spacer rods optionally available).

The entire electronics with DSP and power amplifiers are located in the subwoofer of the DAVE G4X speaker systems, therefore a connection between subwoofer and satellites only has to be made using suitable speaker cables (optionally available, recommendation min. 2 x 1.5 mm²).

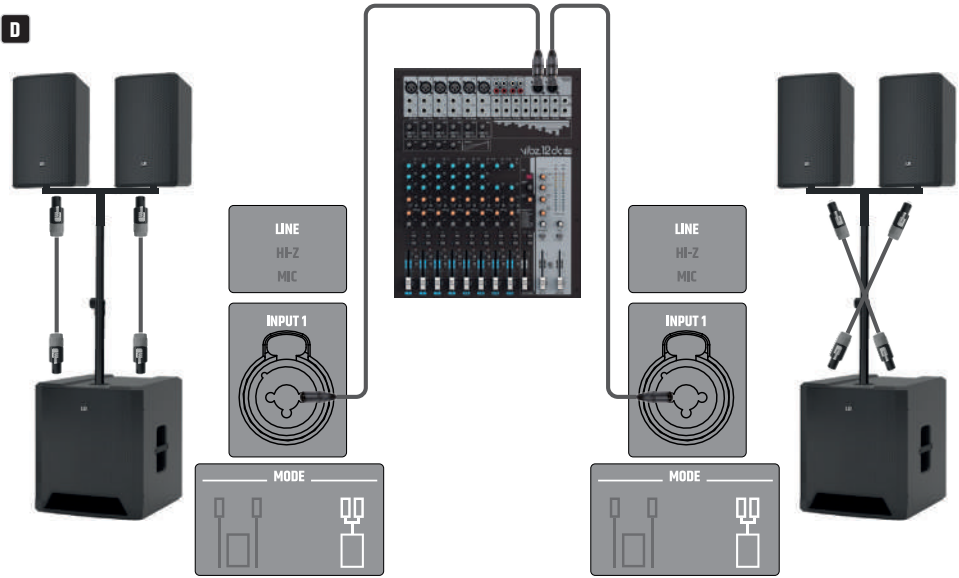
A




If the standard set-up of the DAVE G4X speaker system is not desired or possible, the set-up can be done with a distance rod and a stand fork mounted on the subwoofer **C**. In order to achieve an impressive stereo sound and to avoid unpleasant interference, select the DSP preset that corresponds to this setup variant (MODE SELECT, right symbol) and use the stereo input INPUT 3L / 4R for control (XLR/jack combo sockets or cinch sockets).

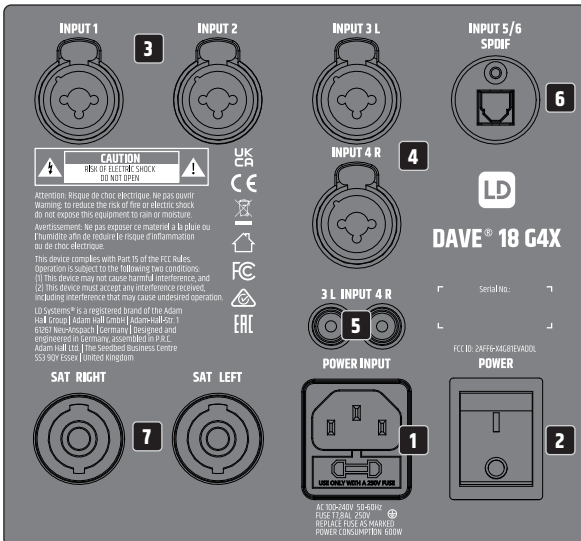


To set up 2 complete DAVE G4X speaker systems, positioned left and right in front of a stage, also use distance rods with stand forks mounted on the subwoofers **D**. For both systems, select the DSP preset that corresponds to this set-up variant (MODE SELECT, right symbol) and assign one mono channel each (e.g. INPUT 1, SELECT LINE) to the left and right line signal of a feed device (e.g. mixing console). The loudspeaker cables of a system should be crossed and connected to the satellites (right system in the example).



CONNECTIONS, CONTROLS AND INDICATORS

The connection and mixer sections of the DAVE G4X speaker systems are identical and are located on the rear of the corresponding subwoofers (representative DAVE 18 G4X).



1 POWER INPUT

IEC mains socket with integrated fuse holder. A suitable power cord is included in the scope of delivery. **IMPORTANT NOTE:** Replace the fuse only with one of the same type and rating. Pay attention to the imprint on the housing. If the fuse blows repeatedly, please contact an authorised service centre.

2 POWER

On/off switch. Always switch on the speaker system as the last unit in the signal chain and switch it off again as the first unit.

3 INPUT 1 / INPUT 2

Audio inputs with combo sockets (XLR / 6.3 mm jack), which are suitable for both unbalanced and balanced cabling. The inputs are adjusted to the signal source using the SELECT button in the subwoofer's mixer section (LINE, HI-Z and MIC).

4 INPUT 3 L / INPUT 4 R

Stereo line input with combo jacks (XLR / 6.3 mm jack), suitable for both unbalanced and balanced cabling. Connection for a keyboard or external mixer, etc.. Only use connections no. 4 and no. 5 alternatively.

5 RCA INPUT 3 L / INPUT 4 R

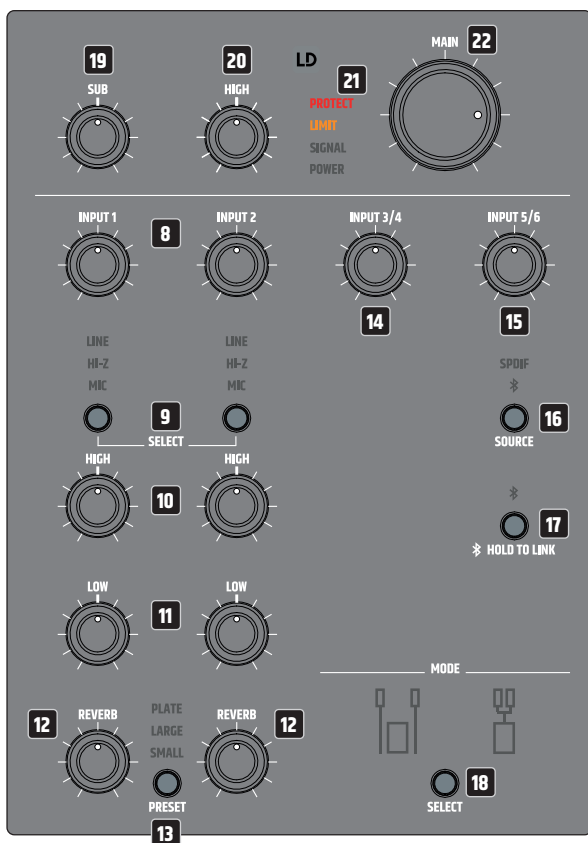
Stereo line input with cinch sockets for connecting an audio player (CD player, MP3 player, tablet, etc.). Only use connections no. 4 and no. 5 as alternatives.

6 INPUT 5/6 SPDIF

Digital stereo input in optical SPDIF format with TosLink socket. Connection for a playback device with optical SPDIF output.

7 SAT LEFT / SAT RIGHT

Speakon compatible connectors for the corresponding DAVE G4X satellites.



8 INPUT 1 / INPUT 2

Volume control for channels 1 and 2. Turning to the right increases the volume, turning to the left decreases it.

9 SELECT

Adjustment to the signal source is done with the SELECT button. If necessary, press the button repeatedly to adjust the audio input to the corresponding signal source. Select **LINE** for an audio signal with line level, **HI-Z** for connecting a guitar with pick-up and **MIC** for connecting a microphone (corresponding indicator field LINE, HI-Z or MIC lights up white).

10 HIGH

Control for raising (turn to the right) or lowering (turn to the left) the treble in channel 1 or channel 2. In the centre position (detent point), there is no influence on the audio signal.

11 LOW

Knob for increasing (turn to the right) or decreasing (turn to the left) the bass in channel 1 or channel 2. In the middle position (detent point), the audio signal is not affected.

12 REVERB

Level control for mixing the signal from channel 1 or channel 2 to the internal digital effects unit.

13 PRESET PLATE / LARGE / SMALL / OFF

If necessary, press the PRESET button repeatedly to select the desired effect preset or to switch off the reverb effect. The corresponding indicator field of the three effects lights up white; when the reverb effect is switched off, none of the indicator fields light up.

14 INPUT 3/4

Volume control for stereo channel 3/4. Turning to the right increases the volume, turning to the left decreases it.

15 INPUT 5/6

Volume control for stereo channel 5/6. Turning to the right increases the volume, turning to the left decreases it.

16 SOURCE

Button for selecting the signal source SPDIF or Bluetooth for channel 5/6. The corresponding display field lights up white.

17 HOLD TO LINK

Press the HOLD TO LINK button for about 3 seconds to put the internal Bluetooth module into pairing standby, the connection to a previously paired device is disconnected. The Bluetooth symbol flashes for the duration of the pairing readiness. Activate Bluetooth on your playback device (smartphone, tablet, etc.) and select LD DAVEG4 in the Bluetooth menu. Pairing is now automatic; as soon as the devices are paired, the Bluetooth symbol lights up permanently. Audio playback via Bluetooth can now be started.

18 MODE SELECT

Select the symbol corresponding to the set-up variant of the DAVE G4X speaker system using the SELECT button. This optimises the radiation pattern of the satellite speakers accordingly. The symbol for the selected set-up variant lights up white.

19 SUB

Volume control for the subwoofer. Turning to the right increases the volume, turning to the left decreases it.

20 HIGH

High shelf filter for adjusting the treble reproduction to the room acoustics (turn to the left = lowering, turn to the right = raising, centre position = no influence).

21 STATUS DISPLAY

POWER:

Lights up when the subwoofer is correctly connected to the mains and switched on.

SIGNAL:

Indicator for the mixer sum signal. The signal detection takes place before the MAIN volume control.

LIMIT:

Lights up when the speaker system is operated in the upper limit range. A short flash of the LIMIT indicator is not critical. To protect the system, an excessive signal level is gently reduced by the integrated limiter. If the LIMIT indicator lights up for a longer time or permanently, reduce the volume level. Failure to do so may result in distorted sound reproduction and damage to the speaker system.

PROTECT:

The PROTECT indicator lights up permanently if the system is overloaded or overheats. The integrated amplifiers are automatically muted. After reaching normal operating conditions, the unit switches back to normal operating mode after a few minutes and the PROTECT indicator goes out.

22 MAIN

Adjust the overall volume. The subwoofer volume is also adjusted according to the setting on the SUB volume control. Turning to the right increases the volume, turning to the left decreases it.

CARE, MAINTENANCE AND REPAIR

To ensure the proper functioning of the unit in the long term, it must be cared for regularly and serviced as required. The need for care and maintenance depends on the intensity of use and the environment.

We generally recommend a visual inspection before each start-up. Furthermore, we recommend that you carry out all the maintenance measures listed below every 500 operating hours or, in the case of low intensity of use, after one year at the latest. Defects caused by inadequate care may result in limitations of the warranty claims.

CARE (CAN BE CARRIED OUT BY THE USER)



WARNING! Before carrying out any maintenance work, disconnect the power supply and, if possible, all appliance connections.



NOTE! Improper care can lead to impairment or even destruction of the unit.

1. Housing surfaces must be cleaned with a clean, damp cloth. Make sure that no moisture can penetrate the unit.
2. Air inlets and outlets must be regularly cleaned of dust and dirt. If compressed air is used, make sure that damage to the unit is prevented (e.g. fans must be blocked in this case).
3. Cables and plug contacts must be cleaned regularly and freed from dust and dirt.
4. In general, no cleaning agents, disinfectants or agents with an abrasive effect may be used for maintenance, otherwise the surface finish may be impaired. Especially solvents, such as alcohol, can impair the function of the housing seals.
5. Units should generally be stored in a dry place and protected from dust and dirt.

MAINTENANCE AND REPAIR (BY QUALIFIED PERSONNEL ONLY)



DANGER! There are live components in the unit. Even after disconnecting from the mains, residual voltage may still be present in the unit, e.g. due to charged capacitors.



NOTE! There are no assemblies in the unit that require maintenance by the user.



NOTE! Maintenance and repair work may only be carried out by specialist personnel authorised by the manufacturer. In case of doubt, contact the manufacturer.



NOTE! Improperly performed maintenance work can affect the warranty claim.

OPTIONAL ACCESSORIES

DAVE 10 G4X

- **Trolley for subwoofer**
Item number LDD10G4XSUBBAG
- **Bag for satellites**
Item number LDD10G4XSATBAG
- **Bag & Trolley set**
Item number LDD10G4XBAGSET
- **Stand**
Item number LDD10G4XSTAND
- **Dual stand**
Item number LDD10G4XDSTAND

DAVE 12 G4X

- **Castor board**
Item number LDD12G4XCB
- **Cover for satellite (piece)**
Item number LDD12G4XSATPC
- **Cover for subwoofer**
Item number LDD12G4XSUBPC
- **T-Bar**
Item number LDDG4XTBARL

DAVE 15 G4X

- **Castor board**
Item number LDD15G4XCB
- **Cover for satellite (piece)**
Item number LDD15G4XSATPC
- **Cover for subwoofer**
Item number LDD15G4XSUBPC
- **T-Bar**
Item number LDDG4XTBARL

DAVE 18 G4X

- **Castor board**
Item number LDD18G4XCB
- **Cover for satellite (piece)**
Item number LDD18G4XSATPC
- **Cover for subwoofer**
Item number LDD18G4XSUBPC
- **T-Bar**
Item number LDDG4XTBARL

TECHNICAL DATA

Item number	LDDAVE10G4X	LDDAVE12G4X	LDDAVE15G4X	LDDAVE18G4X
General				
Weight	24.5 Kg	43.7 Kg	53.9 Kg	63.2 Kg
Product type	PA Complete Systems	PA Complete Systems	PA Complete Systems	PA Complete Systems
Colour	Black	Black	Black	Black
System Power (RMS)	340 W	730 W	1030 W	2000 W
System Power (peak)	680 W	1460 W	2060 W	4000 W
Max. SPL (continuous)	114 dB	120 dB	124 dB	126 dB
Max. SPL (peak)	120 dB	127 dB	130 dB	134 dB
Frequency response -10 dB	37 Hz - 20000 Hz	37 Hz - 20000 Hz	33 Hz - 20000 Hz	30 Hz - 20000 Hz
Crossover frequency	110 Hz	105 Hz	105 Hz	105 Hz
Dispersion (H x V)	100° x 60°	90° x 50°	90° x 30°	90° x 30°
Subwoofer				
Woofers size	10"	12"	15"	18"
Woofers magnet	Ferrite	Ferrite	Ferrite	Ferrite
Woofers brand	Custom-made	Custom-made	Custom-made	Custom-made
Woofers voice coil	2"	2.5"	3"	4"
Woofers voice coil (mm)	50 mm	63 mm	75 mm	100 mm
Cabinet construction	Bass reflex	Bass reflex	Bass reflex	Bass reflex
Cabinet material	15 mm/18 mm Multiplex	15 mm/18 mm Multiplex	15 mm/18 mm Multiplex	15 mm/18 mm Multiplex
Cabinet surface	Polyurea	Polyurea	Polyurea	Polyurea
Subwoofer width	350 mm	450 mm	515 mm	545 mm
Subwoofer height	436 mm	505 mm	575 mm	640 mm
Subwoofer depth	440 mm	510 mm	585 mm	665 mm
Subwoofer features	6 channel mixer, Bluetooth, SPDIF, Stereo / Cluster mode, 3 Reverb presets, M20	6 channel mixer, Bluetooth, SPDIF, Stereo / Cluster mode, 3 Reverb presets, M20	6 channel mixer, Bluetooth, SPDIF, Stereo / Cluster mode, 3 Reverb presets, M20	6 channel mixer, Bluetooth, SPDIF, Stereo / Cluster mode, 3 Reverb presets, M20
Handles	2	2	2	2
Weight	16.5 kg	27.1 kg	34.5 kg	43.8 kg

Item number	LDDAVE10G4X	LDDAVE12G4X	LDDAVE15G4X	LDDAVE18G4X
Mid/Hi System				
Midrange size	2 x 4"	6.5"	8"	8"
Midrange magnet	Ferrite	Ferrite	Ferrite	Ferrite
Midrange brand	Custom-made	Custom-made	Custom-made	Custom-made
Midrange voice coil	1"	1.5"	1.5"	2"
Midrange voice coil	25.4 mm	38.6 mm	38.6 mm	50 mm
Horn	CD Waveguide	CD Horn	CD Horn	CD Horn
Tweeter dimensions	1"	0.5"	2 x 0.5"	2 x 0.5"
Tweeter dimensions (mm)	25.4 mm	12.7 mm	2 x 12.7 mm	2 x 12.7 mm
Tweeter magnet	Neodym	Neodym	Neodym	Neodym
Tweeter brand	Custom-made	Custom-made	Custom-made	Custom-made
Tweeter voice coil	1"	1"	1"	1"
Tweeter voice coil (mm)	25.4 mm	25.4 mm	25.4 mm	25.4 mm
Mid/Hi system impedance	4 Ohms	4 Ohms	4 Ohms	4 Ohms
Loudspeaker inputs	1	1	1	1
Speaker input connections	Speakon compatible	Speakon compatible	Speakon compatible	Speakon compatible
Cabinet construction mid/high	Bass reflex	Bass reflex	Bass reflex	Bass reflex
Handles	1	1	1	1
Mid/Hi system cabinet material	12 mm / 15 mm Multiplex	12 mm / 15 mm Multiplex	12 mm / 15 mm Multiplex	12 mm / 15 mm Multiplex
Mid/Hi system cabinet surface	Polyurea	Polyurea	Polyurea	Polyurea
Mid/Hi system width	150 mm	252 mm	275 mm	275 mm
Mid/Hi system height	345 mm	435 mm	470 mm	470 mm
Mid/Hi system depth	170 mm	250 mm	260 mm	260 mm
Mid/Hi system features	Star Flange 16 mm	0° / 5° Flange 36 mm, Midrange Waveguide	0° / 5° Flange 36 mm, Midrange Waveguide	0° / 5° Flange 36 mm, Midrange Waveguide
Weight	4 kg	8.3 kg	9.7 kg	9.7 kg

Item number	LDDAVE10G4X	LDDAVE12G4X	LDDAVE15G4X	LDDAVE18G4X
Amplifier module (integrated in subwoofer)				
Amplifier	Class D	Class D	Class D	Class D
Amplifier output (RMS)	Subwoofer: 170 W, Satellites: 2 x 85 W	Subwoofer: 370 W, Satellites: 2 x 180 W	Subwoofer: 500 W, Satellites: 2 x 265 W	Subwoofer: 1000 W, Satellites: 2 x 500 W
Protection circuits	Limiter, overload, short circuit	Limiter, overload, short circuit	Limiter, overload, short circuit	Limiter, overload, short circuit
Cooling	Passive	Passive	Passive	Passive
Operating Temperature	0 °C - 40 °C	0 °C - 40 °C	0 °C - 40 °C	0 °C - 40 °C
Relative Humidity	< 80% (non-condensing)	< 80% (non-condensing)	< 80% (non-condensing)	< 80% (non-condensing)
Controls	Power, Sub/High level, Main volume, Input volume, Input type, Stereo / Cluster mode, Reverb, Low/High EQ	Power, Sub/High level, Main volume, Input volume, Input type, Stereo / Cluster mode, Reverb, Low/High EQ	Power, Sub/High level, Main volume, Input volume, Input type, Stereo / Cluster mode, Reverb, Low/High EQ	Power, Sub/High level, Main volume, Input volume, Input type, Stereo / Cluster mode, Reverb, Low/High EQ
Indicators	Protect, Limit, Signal, Power	Protect, Limit, Signal, Power	Protect, Limit, Signal, Power	Protect, Limit, Signal, Power
Power connector	IEC	IEC	IEC	IEC
Operating voltage	100 VAC - 240 VAC	100 VAC - 240 VAC	100 VAC - 240 VAC	100 VAC - 240 VAC
Power consumption	120 W	300 W	400 W	600 W
Multi Inputs	2 x Switchable (MIC, LINE, HI-Z)	2 x Switchable (MIC, LINE, HI-Z)	2 x Switchable (MIC, LINE, HI-Z)	2 x Switchable (MIC, LINE, HI-Z)
Multi Input connectors	Combo-XLR	Combo-XLR	Combo-XLR	Combo-XLR
Line Inputs	2	2	2	2
Line Input connectors	Combo-XLR, RCA	Combo-XLR, RCA	Combo-XLR, RCA	Combo-XLR, RCA
Digital Inputs	2	2	2	2
Digital Input connectors	SPDIF	SPDIF	SPDIF	SPDIF
Loudspeaker outputs	2	2	2	2
Speaker output connections	Speakon compatible	Speakon compatible	Speakon compatible	Speakon compatible
Bluetooth-Profil	A2DP	A2DP	A2DP	A2DP
Bluetooth-Audio-Decoder	SBC	SBC	SBC	SBC

DISPOSAL



Packing:

1. Packaging can be fed into the recycling system via the usual disposal channels.
2. Please separate the packaging according to the disposal laws and recycling regulations in your country.



Device:

1. This appliance is subject to the European Directive on Waste Electrical and Electronic Equipment as amended. WEEE Directive Waste Electrical and Electronic Equipment. Old appliances and batteries do not belong in household waste. The old appliance or batteries must be disposed of via an approved waste disposal company or a municipal waste disposal facility. Please observe applicable regulations in your country!
2. Observe all disposal laws applicable in your country.
3. As a private customer, you can obtain information on environmentally friendly disposal options from the dealer from whom the product was purchased or from the relevant regional authorities.



Batteries and rechargeable batteries:

1. Batteries and rechargeable batteries do not belong in household waste. Batteries and rechargeable batteries must be disposed of via an authorised disposal company or a municipal disposal facility.
2. Observe all disposal laws and regulations applicable in your country.
3. As a private customer, you can obtain information on environmentally friendly disposal options from the dealer from whom the product was purchased or from the relevant regional authorities.
4. Appliances with batteries or accumulators that cannot be removed by the user must be handed in at a collection point for electrical appliances.

MANUFACTURER'S DECLARATIONS

MANUFACTURER'S WARRANTY & LIMITATION OF LIABILITY

Adam Hall GmbH, Adam-Hall-Str. 1, D-61267 Neu Anspach / E-Mail Info@adamhall.com / +49 (0)6081 / 9419-0. Our current warranty conditions and limitation of liability can be found at:

https://cdn-shop.adamhall.com/media/pdf/MANUFACTURERS-DECLARATIONS_LD_SYSTEMS.pdf.

In case of service, please contact your sales partner.

UKCA- CONFORMITY

Hereby, Adam Hall Ltd. declares that this product meets the following guidelines (where applicable)

Electrical Equipment (Safety) Regulations 2016

Electromagnetic Compatibility Regulations 2016 (SI 2016/1091)

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulation 2012 (SI 2012/3032)

Radio Equipment Regulations 2017 (SI 2016/2015)

UKCA- DECLARATION OF CONFORMITY

Products that are subject to Electrical Equipment(Safety)Regulation 2016, EMC Regulation 2016 or RoHS Regulation can be requested at info@adamhall.com. Products that are subject to the Radio Equipments Regulations 2017 (SI2017/1206) can be downloaded from

www.adamhall.com/compliance/

FCC STATEMENT

1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
 - (1) This device may not cause harmful interference, and
 - (2) This device must accept any interference received, including interference that may cause undesired operation.
2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

RADIATION EXPOSURE STATEMENT

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.
- This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:
 - (1) This device may not cause interference.
 - (2) This device must accept any interference, including interference that may cause undesired operation of the device.
 - This equipment complies with FCC/IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

- Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut
- Fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.
- Ce matériel est conforme aux limites de dose d'exposition aux rayonnements, FCC / CNR-102 énoncée dans un autre environnement. cette equipment devrait être installé et exploité avec distance minimale de 20 entre le radiateur et votre corps.

Misprints and errors as well as technical or other changes are reserved!

