

USER'S MANUAL K&F NOMOS XLT

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#### l Introduction

#### 1.1 Icons Used



This icon indicates a risk of injury or death. Not following these instructions may result in serious health problems including potentially fatal injuries.



This icon indicates a possibly dangerous situation. Not following these instructions may cause minor injuries or damage.



This icon marks instructions for proper use of the described products. Not following these instructions may cause malfunctions or damage.



This icon marks information provided for simplified use of the described products.

#### 1.2 About this user's manual

EN | Translation of the original instructions

All KLING & FREITAG manuals are originally authored in German.

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All specifications regarding the features of the described products and applicable safety guidelines provided in this manual are based on information available at the time of publishing.

We assume no responsibility for technical specifications, dimensions, weights, and properties.

All information in this manual is subject to change without notice.

To ensure safe operation, all persons using the speaker system must have access to these user's manual and all other relevant material during installation. The speaker system may neither be set up nor used until these user's manual has been read, understood and kept readily available in site.

KLING & FREITAG spare manuals are separately available for order or can be downloaded from our website: www.kling-freitag.de

Contact Us: info@kling-freitag.de

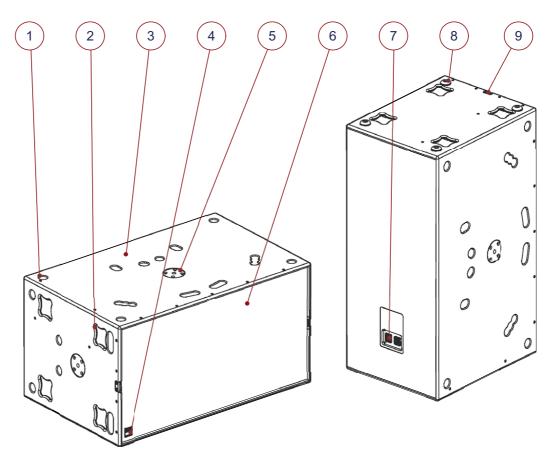
KLING & FREITAG GMBH, Junkersstr. 14, D-30179 Hannover Phone +49 511 96 99 70, fax +49 511 67 37 94 (other countries)

# 2 Product Description

#### 2.1 Items Included

- Subwoofer NOMOS XLT
- User's Manual

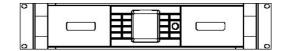
## 2.2 Components



- 1. Stacking grooves (8x), adjacent: plastic gliders
- 2. Butterfly handles (8x)
- 3. speaker enclosure
- 4. Speakon connector, front (behind company logo)
- 5. pole mount
- 6. Front grille with acoustic foam
- 7. Speakon connector
- 8. Plastic gliders (8x), adjacent: stacking grooves
- 9. locking profiles for transport cover (2x)

#### 2.3 System Requirements for Operation

K&F PLM+ 20k44 (SystemAmp, ProRental) K&F PLM+ 12k44 (SystemAmp, ProRental) K&F PLM+ 5k44 (SystemAmp, ProRental)



#### or

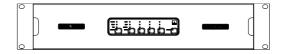
K&F D200:4 (SystemAmp, InstallSound) K&F D120:4 (SystemAmp, InstallSound)

K&F D80:4 (SystemAmp, InstallSound)

K&F D40:4 (SystemAmp, InstallSound)

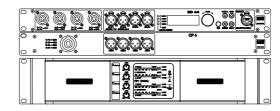
K&F D20:4 (SystemAmp, InstallSound)

K&F D10:4 (SystemAmp, InstallSound)



#### or

K&F SystemRack:



#### 3 Safety Instructions



For commercial use as specified in this document only!

To prevent personal injury and damage, be sure to securely place or suspend the speaker as specified in the locally applicable standards.

The information described here does not relieve the user of the duty to follow the given safety requirements and legal regulations.

Only qualified technicians are permitted to perform the installation steps. Be sure to use personal protective equipment at all times.

The persons in charge with putting up the speaker are responsible for safe setup and use and must guarantee it.

In mobile and stationary installations, always use installation parts supplied by KLING & FREIT-AG.

Unless otherwise stated, use genuine KLING & FREITAG parts only. Never use other parts (in particular, parts not made by KLING & FREITAG).

Be sure to always visually inspect all safety-related speaker and accessory components before use. In stationary installations, check the speaker and accessories for signs of wear at regular intervals. If there are signs of wear, cracks, or deformation, etc., replace the affected parts immediately.



When laying the connecting cables, make sure that nobody can trip.

At least 2 people are necessary to carry the speaker.

#### **Preventing Hearing Damage**

Keep your distance from operating speakers. Even loudness levels of approx. 90 dB - that you subjectively judge as being low - can lead to hearing damage.

# 3.1 Instructions for Speaker Placement



Mount the speakers securely. To avoid injury or damage, always be sure to mount the speakers securely so that they do not fall.

Note that the speakers can move as a result of vibrations. To prevent them from falling from their mounted position, they must be secured properly.

When laying the connecting cables, make sure that nobody can trip.

#### 3.2 Instructions for Speaker Stacking



#### Tipping speakers impose a deadly risk for people standing near-by!

Be sure to follow the relevant national specifications, norms, and safety regulations.

Always make sure that the speakers are sufficiently secured, so they cannot fall over even when external forces affect the speaker stack. Before installation, carefully check whether there are any external factors that may cause the stack to fall over. These include, for example, the ground slope or bearing capacity, winds, and impacts of persons or vehicles. Qualified and appropriately trained installation personnel are in charge of evaluating the scenario and performing all required steps (including statics analysis). Proof of stability must be obtained if and as necessary.

Stacked systems must not fall over even if they are inclined by 15° in any direction. If this requirement is not fulfilled, be sure to take appropriate steps. E.g. lashing the speakers onto a suitable base or fastening them using straps. Never allow intended speaker tilting. The corresponding feature is simply used to account for unevenness during stability evaluation.

Where the stability of installed systems cannot be proven without additional safety measures, those systems must be effectively secured against sliding and tipping to achieve compliance. For example, secure the system against tipping using water tanks or floor bolts. Other possible measures include lashing the speakers onto a suitable base or fastening them using straps.

With applications where winds may occur, for example, outdoor events, tradeshows, etc., be sure to perform extra stability checks.

Make sure that the feet of stacked subwoofers engage with the corresponding hollows of the lower speaker.

If you place a top speaker on a NOMOS XLT you must always strap the speakers to one another and secure them from falling over.

#### 3.3 Protecting the Speakers, Reliability

**HINWEIS** 

Be sure to connect the K&F NOMOS XLT speaker to a K&F SystemAmp, a K&F SystemRack, or a linear power amp with up to 750 Wrms per channel (8 ohms) only.

Never feed audio at excessive levels to the speaker. This may be caused by mixing consoles, equalizers, effect equipment, etc. and should be indicated on this equipment. Clipping at the power-amp output is typically shown by a red clipping indicator. In any case, be sure to lower the signal level once it sounds distorted.

#### For damage caused by

- overloading the speakers or
- using the speakers without K&F SystemAmp or K&F SystemRack

we do not assume warranty and excludes liability for possible consequential damage.

#### Signals that may damage the speakers include the following:

- Continuous high-volume signals at high frequencies, continuous audio feedback
- Continuously distorted signals at high levels
- Sounds occurring when connecting, disconnecting, or switching on a device on the audio system while the speaker is on

#### Never place your speakers

- where they are permanently exposed to direct sunlight,
- where the devices are exposed to high moisture or rain.
- where they are exposed to strong vibrations or dust.

Damage Caused by the Speaker's Magnetic Fields

Even when not connected, loudspeakers continuously produce a magnetic field. Therefore, when transporting or placing the speaker, be sure to keep a minimum distance of about 1 meter between the speaker and magnetic disks or computer/video displays.

# 4 Installation

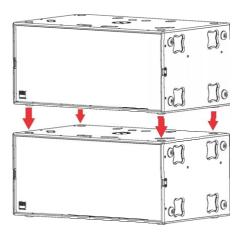
# 4.1 Removing the Transport Covers

To remove the transport lid, turn the appropriate catches 180°. This turn completely releases the latch.

Lift the lid from the speaker.

# 4.2 Stacked Setup

- 1. Securely place the bottom subwoofer onto a level surface.
- 2. Stack the subwoofers on top of one another. Make sure that the feet of stacked subwoofers engage with the corresponding hollows of the lower speaker.



**▲** WARNUNG

3. Stacked systems must be stable even if they are inclined by 15 degrees without additional additional securing.

If this is not the case the systems have to be secured against falling over in order to guarantee the stability of the stack.





# 5 Suspending the Speakers

# 5.1 On the following pages you can find out about the differences between the options:



The information described here does not relieve the user of the duty to follow the given safety requirements and legal regulations.

The technicians responsible for installing the system on site are responsible for and guarantee safe setup and use.

[\$] Option 'Flight'

When laying the connecting cables, make sure that nobody can trip.

Unless otherwise stated, use only KLING & FREITAG original parts for mounting the speakers. Never use other parts (in particular, parts not made by KLING & FREITAG).

Be sure to always visually inspect all components before use. In fixed installations, regularly check all system components for signs of wear. To prevent injury and damage, be sure to securely place or suspend the speaker as specified in the DGUV regulation 17 (BGV C1) or similar locally applicable accident-control standards. Also check slings and lifts (e.g. shackles, chains, and steel ropes) carefully for wear and deformation. If there are signs of wear, cracks, or deformation, etc., replace the affected parts immediately. See also the »Care and Maintenance« Chapter on Page 30

# 5.1.1 Safety Instructions for Flying Configurations



# Loudspeakers falling down impose a deadly risk for people standing near-by! Never use the system if you have any doubt regarding its safety and reliability!

Only qualified event technicians are permitted to suspend a NOMOS XLT system.

Maximum-load specifications refer to configurations including cabling and any fittings.

Ensure that all connections are secured against coming loose and that only authorized, statically tested and correctly sized supports, mounting equipment, wire ropes and chains are used. Follow the relevant specified safety factors. Be sure to follow the relevant national specifications, norms, and safety regulations.

Note that every suspension point as well as the supporting structure of the building (i.e. ceiling points, cross beams and stage or PA tower, etc.) must be capable of carrying the total load of the system (including cabling and additional fittings).

Beachten Sie, dass die Befestigungspunkte an der Hallendecke (z. B. Lastösen, Anschlagpunkte oder Kettenzüge) der Unfallverhütungsvorschrift DGUV Vorschrift 17 (BGV C1) oder den entsprechenden Sicherheitsvorschriften Ihres Landes entsprechen und die Gesamtlast von einem ermächtigten Gutachter abgenommen wurde. When in doubt, request a confirmation by local authorities.

Even with two-fall suspension, each chain and motor must be capable of carrying the entire loudspeaker mass! Make sure that the motor chains hang down vertically and are not twisted, and that the motors are located at the required positions.

When operating with chain hoists that do not comply with the BGV C1 or the D8+, no one may be present in the danger zone underneath or near the loudspeakers.

Never use signal cables or power cords for suspending, aligning, or securing the systems. When laying the connecting cables, make sure that nobody can trip.

Permit only personnel directly involved with assembly or disassembly to access the working area. In this case, all persons present must leave the swing and lifting range immediately.

#### 5.1.2 Wind loads

In case of outdoor use, stay informed of the latest wind and weather conditions. See the following table for provisional guidance.

bft	m/s	Wind force	Impact
0	0-0.2	Calm	Smoke rises vertically.
1	0.3–1.5	Light air	Direction shown by smoke drift but not by wind vanes.
2	1.6–3.3	Light breeze	Wind felt on face; leaves rustle; wind vane moved by wind.
3	3.4–5.4	Gentle breeze	Leaves and small twigs in constant mo- tion; light flags ex- tended.
4	5.5–7.9	Moderate breeze	Raises dust and loose paper; small branches moved.
5	8.0–10.7	Fresh breeze	Small trees in leaf begin to sway; crested wavelets form on inland waters.
6	10.8–13.8	Strong breeze	Large branches in motion; whistling heard in telegraph wires.
7	13.9–17.1	High wind	Whole trees in motion; inconvenience felt when walking against the wind.
8	17.2–20.7	Gale	Twigs break off trees.



For outdoor uses, we recommend using at least a BGV D8+ hoisting device to prevent the secondary safety device from loosening in the wind.

When wind speeds exceed 5 bft, be sure to constantly monitor the wind speeds and consider possible wind effects on flying speakers. Also remember that wind speeds increase with height.

If wind speeds might exceed 5 bft, be sure to choose rigging and securing so that they are able to absorb at least twice the static load.

With wind speeds equaling or exceeding 6 bft, be sure to immediately clear the area below the speakers. Use roping or lateral spanning to effectively prevent motion build-up of flying speakers. Failing to do so may result in the emergence of large inertial forces leading to the tower collapsing or tipping over.

At wind speeds equaling or exceeding 8 bft, be sure to get down and uninstall flying speakers.

# 5.2 NOMOS XLT Option 'Flight'

NOMOS loudspeakers with flying points are special models and must be ordered with the option 'Flight'.



Only NOMOS XLT speakers with flying points may be suspended. LSblocks\*

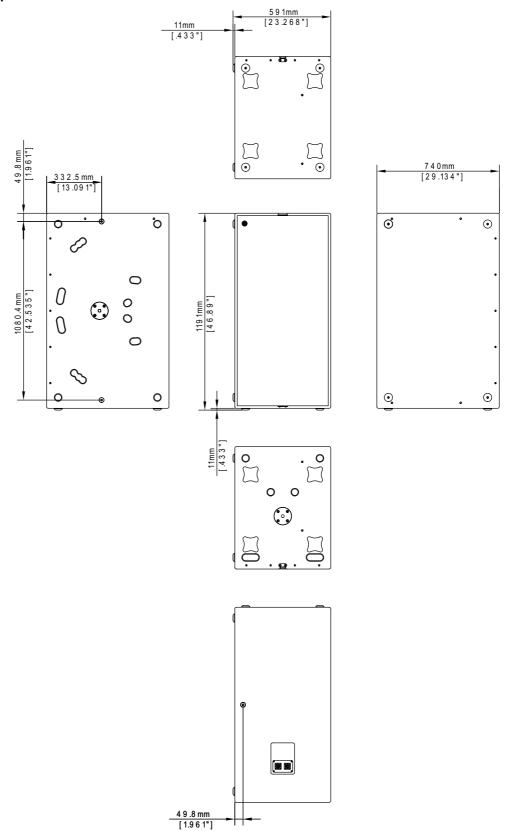
Option 1: They are suitable for K&F ball lock pins 'Lifting Pin' and screw inserts with M10 x 17 thread, e. g. a permissible ring bolt (DIN 580).

NOMOS XLT Loudspeakers must be suspended from at least two flying points. If you wish to install a safety lane at the third flying point, the safety lane must be installed without a drop path.

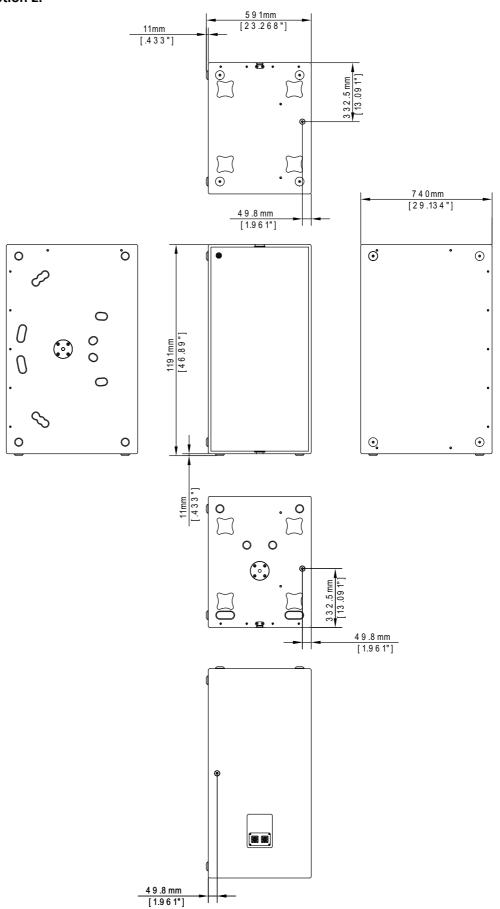
# 5.3 Possible options for flying point positions

The NOMOS XLT subwoofer can be ordered in four different flight versions: Safety instructions for flight configurations

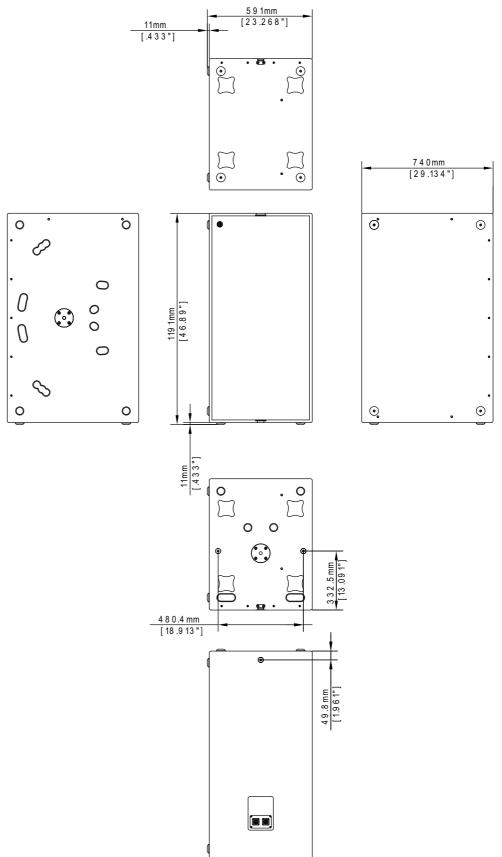
# Option 1:



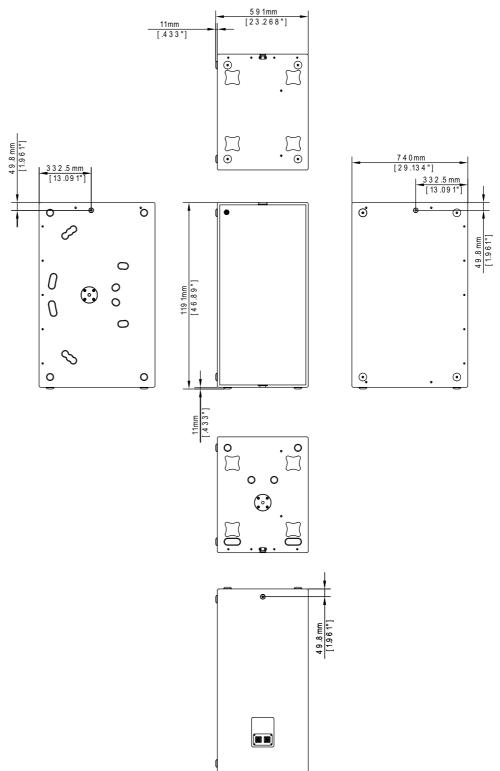
Option 2:



Option 3:



Option 4:

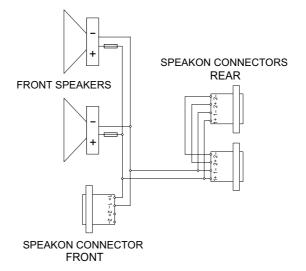


# 6 Setups and Connection Diagrams



Make sure to update your K&F systemamp or systemrack with the required LS Blocks, starting with "NOMXLT".

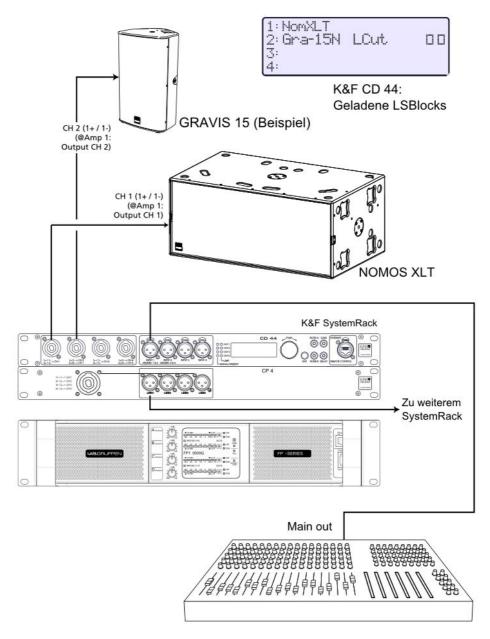
# 6.1 Terminal assignment



#### NOMOS XLT combined with other K&F tops 6.2

The NOMOS XLT can only be combined in 2 channel mode with all K&F top speakers when using a K&F systemamp or systemrack.

To do so, select the desired LS blocks for the top speaker in the K&F systemamp or systemrack, and combine these with the LS block for the NOMOS XLT subwoofer.



If you need a higher bass level, activate the fil- If you need an higher level at the overlab ter 'BassBoost' via Filter B for the subwoofers. range betwenn subwoofer and top activate

the filter 'LoMidBoost' via Filter B.

# 6.3 Cardioid Arrays with NOMOS XLT

The subwoofer NOMOS XLT is designed so that it can be used as a cardioid and hypercardioid system in an array of three subwoofers, or in multiples of three.

A cardioid array results in an increase of sound pressure towards the front because of therearfacing subwoofer. In the rear area **(cardioid)** or in the lateral side area **(hypercardioid)**,on the other hand, the sound pressure is clearly reduced.

With this, you achieve

- less unwanted sound on the stage
- low feedback
- simplified miking
- improved room acoustics with fewer reflections from the rear and side walls, or when flown from the ceiling
- simplified adherence of sound emission limits and therefore less noise disturbance for nearby residential areas during open air events.

#### 6.3.1 Setup instructions for a cardioid array

To achieve a cardioid or hypercardioid pattern, you must always have an array with 3 subwoofers - or a multiple of 3 subwoofers - setup next to one another (3, 6, 9, etc.). In this set of three, the middle one must be stacked or flown rear-facing while both other subwoofers are front-facing.

You can stack the subwoofers even when they are facing opposite directions, and you can connect them to front-facing systems.

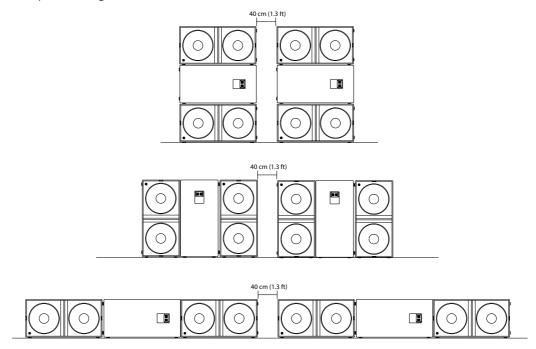
There is an additional SpeakOn connector on the front grille so that you can connect the cables to the rear-facing side of all subwoofers in a cardioid array.

You can choose from the following options for cardioid and hypercardioid setups: Principle drawing:

3 x NOMOS XL1 norizontal	
3 x NOMOS XLT vertical	
3 x NOMOS XLT stacked	

When cardioid arrays are stacked on the floor, ensure that there is always a distance of at least 40 cm between each unit of 3.

Principle drawing:



## 6.3.2 LSBlocks for cardioid use

The following cardioid or hypercardioid setups are available in the systemrack/systemamp:

Operation Mode of the NOMOS XLT	LSblocks (names can differ slightly)
'Cardioid Front', front-facing	NOMXLT C-F
'Cardioid Rear', rear-facing	NOMXLT C-R
'Hypercardioid-Front', front-facing	NOMXLT HC-F
'Hypercardioid-Rear', rear-facing	NOMXLT HC-R
'Infrabass Cardioid Front', front-facing	NOMXLT C-F60Hz
'Infrabass Cardioid Rear', rear-facing	NOMXLT C-R60Hz
'Infrabass Hypercardioid Front', front-facing	NOMXLT HC-F60Hz
'Infrabass Hypercardioid Rear', rear-facing	NOMXLT HC-R60Hz

# 6.4 Cardioid Configurations with different Speakers

NOMOS XLT are suitable for cardioid configurations with certain K&F speakers. A chassis ratio of 1 to 2 should be maintained within these configurations.

HINWEIS

The speaker with one chassis should be standing on the floor and directed to the rear while the speaker with two chassis directs to the front.

1 x NOMOS XLS under NOMOS XLT standing



#### 7 Fuse in the NOMOS XLT

To increase the operating safety of the NOMOS XLT, the subwoofers are equipped with fuses at the signal input. These fuses reduce the risk of consequential damage resulting from a short circuit (i.e. charred cables / connectors / fire damage).

**HINWEIS** 

When the fuse is burned out, then the chassis is most likely already ruined, as the fuse just prevents consequential damage resulting from a short circuit of the chassis. A replacement of the chassis is, therefore, unavoidable.

#### 7.1 Replacing the Fuses

The fuse holder is behind the terminal.



Replace the fuse with the following original fuse only:

#### Bussmann S 506-8A, T 250 V

#### **Required tools:**

2.5 mm Allen key for loosening the terminals

#### Instructions:

- 1. Loosen the four screws on the terminal.
- 2. Carefully pull the cables out of the speaker enclosure.
- 3. Open the fuse holder.
- 4. Replace the blown fuse.
- 5. Push the cables carefully back into the enclosure.
- 6. Pay attention to the correct alignment of the terminal. Screw the terminal back on.

#### 7.2 Replacing the Chassis

#### **Required tools:**

- 3 mm Allen key for loosening the front grille
- 4 mm Allen key for loosening the chassis

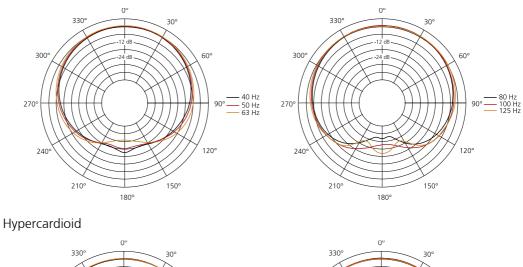
#### Instructions:

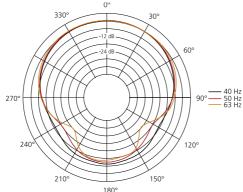
- 1. Remove the front grille.
- 2. Remove the speaker chassis.
- 3. Pay attention to the correct polarity of the chassis.
  - Connect the new chassis.
- 4. Check the polarity of all mounted chassis.
- 5. By tightening the screws diagonally in two steps, a deformation of the chassis and thus a possible decentering of the voice coil can be avoided. First loosely screw the chassis crosswise. Then tighten it crosswise.
- 6. Mount the front grille.

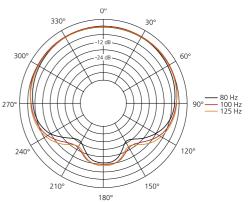
# 8 Measuring Diagrams

#### **Polar Patterns**

#### Cardioid

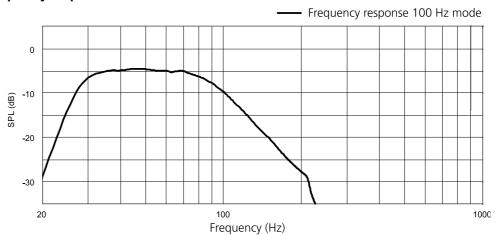






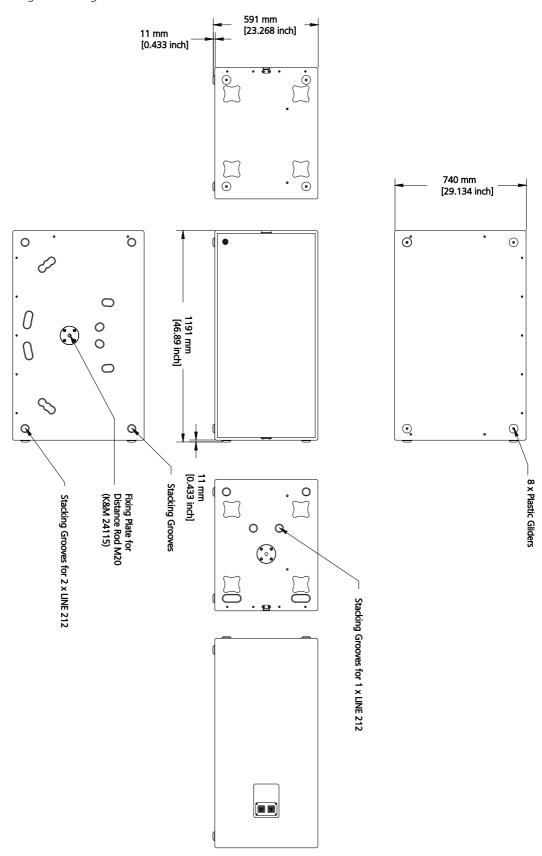
Note: Attenuation factor depends on setting and configuration (see Chapter , "Configuration and Connecting Diagramm").

#### frequency response



# 9 Dimensions NOMOS XLT

Weight: 80.5 kg



10 Technical Spe	cifications
NOMOS XLT	
Concept	Bass reflex system
Supported amplifiers	K&F PLM+ Serie, K&F D-Serie, K&F SystemRack
Crossover frequencies	100 Hz/60 Hz
Lower cut-off frequency	24 Hz (-10 dB)/27 Hz (-3 dB)
Coverage	Omnidirectional (a cluster of 3 or in combination with the NOMOS XLS can be driven in cardioid)
Power handling	1.500 watts
Program load	3,000 watts
Peak load	6,000 watts
SPL (1 m, max.)	141 dB (SPL Peak/1 m/half space)
Nominal impedance	4 Ohm
Speakers / channels	see matrix
Components	2 x 18" subwooferchassis, 57 mm peak-to-peak excursion, inside and outside ventilated voice coil gap for reduced power compression, aluminium demodulating ring for very low distortion
Connection	2 x Speakon 4-pol NLT4MP (+1/-1) (rear) 1 x Speakon 4-pol NLT4MP (+1/-1) (front) IN parallel zu OUT
Enclosure	
	Frame reinforced enclosure, 15 mm multiplex with highly resilient Polyurea synthetic coating with 8 ergonomical butterfly handles 8 non-abrasive plastic sliders and stacking grooves for save stacking of NOMOS XLS and XLT and Line 212, 2 locking profiles for optional transport cover, additional Speakon®-connector hidden behind the rotatable logo on the front grille, ball-proof steel grille with black acoustic foam behind the grille.
Dimensions (H x W x D)	1.191 x 591 x 740 mm
Weight	80.5 kg
Color	RAL 9005 (black)
Options	Flying' with 3 K&F VariPoints special finish in RAL colours

# 11 EC Declaration of Conformity

EG-Konformitätserklärung NOMOS XLT (Declaration of EG-Conformity)





Hersteller: (Manufacturer) Kling & Freitag GmbH Junkersstraße 15 30179 Hannover Deutschland

Bevollmächtigter für die Zusammenstellung der technischen Unterlagen: (Authorized representative for the compilation of the technical Kling & Freitag GmbH Abt. Entwicklung 049 (0)511 96997-50 Deutschland

documents)

Produkt: Lautsprechersystem (Product) NOMOS XLT

Wir erklären, dass das genannte Produkt den aufgeführten Schutzanforderungen der folgenden EG-Richtlinien entspricht:

(We declare that the designated product is in conformity with the protection requirements imposed by the following EU directives)

- 2014/35/EU, Niederspannungsrichtlinie
- VDE 0042-12:2013-02, Technische Dokumentation zur Beurteilung von Elektro- und Elektronikgeräten hinsichtlich der Beschränkung gefährlicher Stoffe

Hannover, 20. November 2017

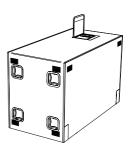
Jürgen Freitag (Geschäftsführer)

# 12 Accessories

**Transport Cover NOMOS XLT** 



**Protective Cover NOMOS XLT** 



Loudspeaker patch cable NLT-425, 5 m



# 13 Care and Maintenance



For the owner and user, it is mandatory to be aware of the safety relevance of speakers that can be flown.

The K&F NOMOS XLT system can exhibit signs of wear over the years, for example, from mechanical strain, transport damage, corrosion, or improper handling. Remember that flying speakers always impose a high safety risk.

Be sure to always perform a visual inspection of the speaker and all accessories before and after installation. In stationary installations, check the speaker and accessories for signs of wear at regular intervals.

When performing those checks, particularly look for deformations, cracks, dents, damage to threads, and corrosion. Also check slings and lifts (e.g. shackles, chains, and steel ropes) carefully for wear and deformation.

If as a result of these checks any uncertainty should arise with regard to safety or defects are found, don't use the speaker any longer.

Inspection regulations may vary depending on application and country of use. Observe all applicable regulations; If in doubt, contact local authorities.

Many countries require regular inspection of mounting components and accessories. An additional annual inspection is typically required to be performed by a technical expert. Moreover, a legally certified or official authority must perform a detailed inspection every four years.

Therefore, be sure to maintain an inspection log. Enter the values determined for each speaker and accessory during the periodic checks into this log. This way, relevant data are always at hand in case of inspection. This inspection log book shall be updated with the inspection steps, test intervals and parts lists.

The polyurea coating utilized by KLING & FREITAG is shock-resistant and highly resilient. We recommend using protective coverings or transport cases to help avoid damaging the paint in case of continuous mobile use, etc.

To have the acoustic foam replaced, send the grille including the foam layer to KLING & FREITAG GMBH. We will then replace the foam layer with a new one at a fixed charge and return your grille.

#### 14 Transportation and Storage

The K&F NOMOS XLT system is protected against the effects of unfavorable temporary weather conditions, etc.; despite, be sure to store, transport, and use the accessories in dry environments only. The K&F NOMOS XLT is not designed for prolonged use in corrosive environments.

Make sure that the system is adequately ventilated during longer storage periods so any residual moisture can escape from the equipment.

In order to prevent damage, please make sure to avoid mechanical strains.

To protect the speaker from the above impacts, we recommend using the optional soft cover and suitable transport and storage cases.

# 15 Disposal

#### 15.1 Regulations for Disposal

#### **15.1.1 Germany**

# Don't dispose of waste electrical equipment through household waste.

#### Don't deliver it to official recycling points either.

All KLING & FREITAG products are plain business-to-business (B2B) products. Therefore, KLING & FREITAG GmbH is exclusively responsible for disposing of all KLING & FREITAG waste equipment marked with a crossed-out garbage-can icon. Please call the below phone number when you have a KLING & FREITAG product (marked with the crossed-out garbage-can icon) for disposal. We will offer you a straightforward and professional disposal at no cost.

KLING & FREITAG equipment with no such icon was distributed before 24 March 2006; in that case, the owner is legally responsible for disposal. We will, however, gladly assist you by naming appropriate ways of disposal.

For further disposal information of KLING & FREITAG waste products, call +49 511 -96 99 7 -0

Explanation: The Electrical and Electronic Equipment and Appliances Act (ElektroG) is the German implementation of the European (EU) Waste Electrical and Electronic Equipment Directive (WEEE, 2002/96/EC).

Therefore, starting on 24 March 2006, KLING & FREITAG GmbH has marked all products subject to the WEEE that are distributed in Germany with an icon showing a crossed-out garbage can with a white bar below it. The icon indicates that the equipment was distributed on or after 24 March 2006 and must not be disposed of through household waste.

KLING & FREITAG GmbH is legally registered as a manufacturer with the German waste-equipment registration authority (EAR). Unsere WEEE-Reg.Nr. lautet: DE64110372.

We substantiated towards the EAR that our products are for B2B trade only.

#### 15.1.2 EU, Norway, Iceland, and Liechtenstein

#### Don't dispose of waste electrical equipment through household waste.

Starting on 13 August 2005, KLING & FREITAG GmbH has marked all products subject to the WEEE directive that are distributed in any member state of the European Union (except Germany), Norway, Iceland, or Liechtenstein with an icon showing a crossed-out garbage can with a white bar below it. This sign indicates that the disposal on domestic waste is prohibited and that the product has been put into circulation on 08/13/2005 at the earliest.

Unfortunately, the European WEEE directive was implemented in different national legislation in the EU member states, making it impossible to offer a consistent disposal solution throughout Europe.

The local distributor (sales partner) in the respective country is responsible for complying with the applicable legislation.

Contact your retailer or the local authorities for information on the regulations applicable in any EU member state (except Germany).

# 15.1.3 All Other Countries

Contact your retailer or the local authorities for information on the regulations applicable in any country not listed above.

# THANK YOU FOR CHOOSING K&F.



# KLING & FREITAG GmbH

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