



THE SOUNDMAKERS

# LUCAS 2K

***THE HEARTBEAT OF THE MOBILE DJ >***



# LUCAS 2K

## *THE HEARTBEAT OF THE MOBILE DJ* >

LUCAS 2K is the ultimate PA for mobile DJs. Its performance and feature set make it the companion of choice for on-the-go events like weddings, galas, parties, and similar. No other portable system can match this compact 2.1 PA's ability to strike the perfect balance between soothing background music, crisp and articulate speech reinforcement, and huge, dancefloor-filling beats.

Its background sound is expansive yet pleasantly unobtrusive. Speeches and announcements come across clear and easy to understand even in the far corners of the room. And LUCAS 2K's remarkable headroom provides plenty of oomph to get the party started with big, beefy bass beats and a silky top end.

Featuring premium-quality components, a newly developed 2,000-watt power amplifier and advanced DSP technology, this system was designed specifically to meet the needs of DJs, and its painstakingly-tuned filters ensure it works equally well with all kinds of signal sources.

LUCAS 2K is the result of 20 years of LUCAS (Lightweight Ultra Compact Active System) development by HK Audio, with over 100,000 systems being sold to date in Europe alone. A major step forward in performance, technology and design, and informed by myriad practical user feedback over the years, LUCAS 2K is the best LUCAS we have ever built. And of course it all comes with that 'Made in Germany' promise.







# SYSTEMS

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## LUCAS 2K15

LUCAS 2K15 is a compact, active stereo PA system featuring a 2,000-watt power amp, a 15" system subwoofer and a pair of 8"/1" satellite speakers. The system is easily transported by one person, builds up in seconds flat and fits elegantly into even the most sophisticated of settings.

Impressive sound is the order of the day in any scenario, especially at parties when a DJ or band is providing the entertainment. With LUCAS 2K15, you can expect full stereo sound across the entire frequency spectrum and at any volume level.

## Facts & Features

- Active 2.1 stereo PA system
- Optimized for mobile DJ applications
- Impressive power amp: 2,000 watts of peak power (calc.)
- Two high-performance satellites with one 8" speaker and one 1" CD horn each
- Powerful 15" bass reflex subwoofer
- Advanced DSP technology for a high-end audio experience
- Total system weight of just 53 kg
- HK Audio MultiGrip recessed handles in system subwoofer, satellites with milled recessed ErgoGrips and M20 speaker pole mounts for easy handling
- 90 x 55° CD horn for broad sound dispersion
- 3° MonoTilt™ pole mount flange for optimum sound-to-audience alignment
- Extendable using the LINEAR SUB 1500 A bass add-on for an even more impressive low-end experience
- Made in Germany







# SYSTEMS

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## LUCAS 2K18

LUCAS 2K18 features two 8"/1" satellites and an 18" system subwoofer, and thus provides even more low-end bass than LUCAS 2K15.

With a 2,000-watt power amp under the hood, LUCAS 2K18 always sounds supreme, whether you're using it for discreet background music at a dinner event, or for huge dancefloor-filling beats. And when the party really gets going, the system digs into its ample power reserves to provide a deep bass that'll get everyone dancing.

## Facts & Features

- Active 2.1 stereo PA system
- Optimized for mobile DJ applications
- Impressive power amp: 2,000 watts of peak power (calc.)
- Two high-performance satellites with one 8" speaker and one 1" CD horn each
- Powerful 18" bass reflex subwoofer
- Advanced DSP technology for a high-end audio experience
- Total system weight of just 65.4 kg
- HK Audio MultiGrip recessed handles in system subwoofer, satellites with milled recessed ErgoGrips and M20 speaker pole mounts for easy handling
- 90 x 55° CD horn for perfect, wide-angle sound dispersion
- HK Audio MonoTilt™ pole mount flange for optimum sound-to-audience alignment
- Extendable using the LINEAR SUB 1800 A bass add-on for an even more impressive low-end experience
- Made in Germany



# THE PERFECT BASS EXTENSION

LUCAS 2K is the first HK Audio LUCAS system that can be easily and simply extended in the low-end department using an additional subwoofer. The L SUB 1500 A and the L SUB 1800 A from the LINEAR SUB series are the ideal extensions to your LUCAS 2K system.

L SUB 1500 A and the L SUB 1800 A are the perfect acoustic and aesthetic match for LUCAS 2K, and put even more bass power at your disposal.



LUCAS 2K15 Subwoofer

+

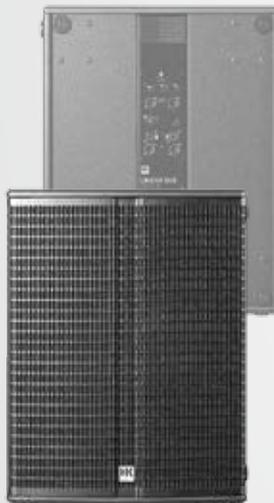


L SUB 1500 A

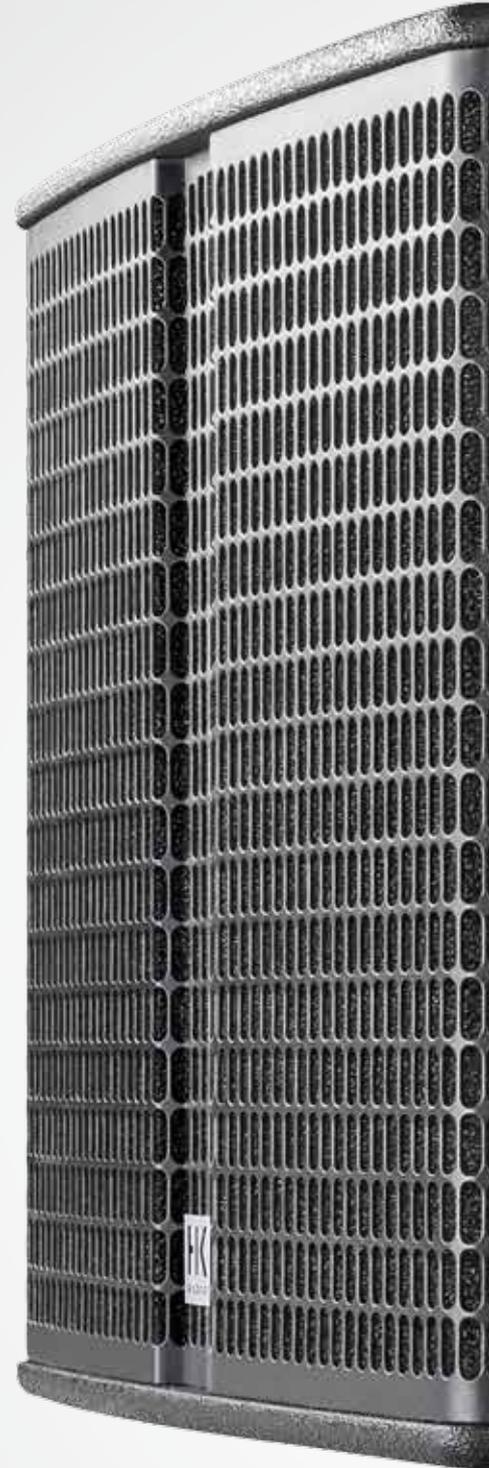


LUCAS 2K18 Subwoofer

+



L SUB 1800 A





# SUGGESTED APPLICATIONS

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Over the course of an event, the mobile DJ must often meet a number of different audio requirements with a single PA system. As well as getting the party started and the people dancing, the PA is often used for speech applications, or to play unobtrusive background music.

## Spoken applications

LUCAS 2K delivers extremely natural, transparent and easily understandable voice reproduction, making it the perfect solution for wedding speeches, celebratory toasts, or any other conceivable kind of speech application.



## Background music

LUCAS 2K also excels as a PA whenever soft background music is required – for example at celebratory dinners – offering up a full yet pleasantly unobtrusive sound.



## Party PA

When the party gets really loud and energetic, LUCAS 2K calls on its superior power reserves to deliver powerful bass at high volumes – all the while remaining perfectly balanced.



# FEATURES

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2000  
Watts

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## 2,000 watts of pure power

The system subwoofer contains a new 2,000-watt power amp that was designed specifically for LUCAS 2K and offers extraordinary performance.



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## Wide-angle sound dispersion

LUCAS 2K's satellites feature a 90 x 55° HF horn. This results in sound dispersion which is wide enough to easily cover the dancefloor, while also being narrow enough to avoid any unwanted reflections off walls or ceilings.

Made in  
Germany

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## Made in Germany

LUCAS 2K was developed, is built at, and is distributed from our main HK Audio facility in Sankt Wendel, Germany – all to the highest quality standards.



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## System subwoofer with advanced DSP technology

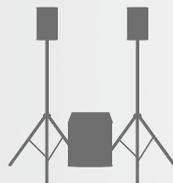
The DSP helps tune the LUCAS 2K sound perfectly to the needs of mobile DJs. From soft to loud, LUCAS 2K delivers clear, transparent and balanced sound.



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## Simple subwoofer extensions

If the single system subwoofer is not enough for the application, or the event gets bigger as time goes on, LUCAS 2K can easily be extended using subs from the acoustically and aesthetically matching LINEAR SUB series.



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## Stereo sound with zero compromise

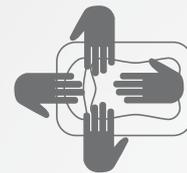
Combining a powerful active subwoofer with a pair of high-definition two-way satellites, LUCAS 2K delivers fully-fledged stereo sound across the entire frequency spectrum and at every volume.



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## Filter presets for supreme flexibility

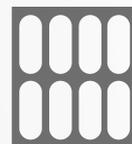
The “Flat” preset offers a well-rounded, balanced sound, while “Bass Boost” pushes the low-end. Bass Boost is the ideal filter when using a subwoofer extension.



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## Ergonomic recessed grips and MultiGrip handles

In order to guarantee the easiest system handling possible, LUCAS 2K satellites feature ergonomic recessed grips, and the subwoofers feature HK Audio MultiGrip handles.



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## Robust and elegant design

Sturdy, slotted grilles made of tough, hard-wearing metal combine with elegant design features to complete the LUCAS 2K look.



# SUGGESTED SYSTEMS

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## LUCAS 2K as a 2.1 system

To achieve the best possible full-range stereo sound with a LUCAS 2K system, the subwoofer should be placed centrally, between the two satellites. Used this way, the satellites and subwoofer are optimally coupled in the crossover frequency range, allowing for the highest amount of usable SPL, and the sound can spread evenly throughout the entire room.

The two satellites are aimed at the dancefloor, and very slightly turned inwards towards one another. The wide 90° horizontal sound dispersion angle means even the area directly in front of the DJ booth gets great sound, without any unwanted phase cancellation or reflections from walls or ceilings.



LUCAS 2K15

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## LUCAS 2K with an L SUB bass extension

When it comes to extending LUCAS 2K, HK Audio recommends only the relevant subwoofers from the LINEAR SUB family. This is because the L SUB basses are a perfect acoustic – and aesthetic – match for LUCAS 2K systems.

In this setup, the two subwoofers are typically placed next to each other in a mono cluster, between the satellites. This results in homogenous sound dispersion in the bass and higher frequency ranges. The satellites stand to the left and right of the DJ booth, and are aimed towards the dancefloor. This is the ideal way to enjoy the most bass-rich LUCAS 2K sound.



LUCAS 2K15 with L SUB 1500 A



FK  
AUDIO







# ACCESSORIES

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## Speaker Stand Add On

This set includes two aluminum speaker stands (length: 112 to 190 cm) and two 7 m speaker cables for Speakon connections. The set is easily stored and transported using the included practical nylon carry bag.



## LUCAS 2K Roller Bag

A three-piece, modern protective sleeve set in dark gray. Consists of a subwoofer sleeve with integrated roller board and two satellite sleeves – all three sleeves feature handy circumferential zip openings – for the safe and easy transport and storage of LUCAS 2K.



## Speaker Stand Stretch Cover (Tripod Sail)

The Speaker Stand Stretch Cover permits you to stylishly and elegantly conceal your tripod stands, allowing you to aesthetically integrate LUCAS 2K into the atmosphere of the event.

# TECHNICAL DATA

## LUCAS System

Peak power (calc.)	2,000 watts
Total power output (RMS*)	670 watts
DSP features	FIR Filtering, 24 dB Subsonic Filter, Peak and RMS Limiters
Housing	MDF
Finish	Black acrylic enamel
Front grille	Metal grille backed with black acoustic foam
Optional accessories	LUCAS 2K Roller Bag, Speaker Stand Add On, Speaker Stand Stretch Cover
Total weight (2K15)	53 kg / 116.9 lbs
Total weight (2K18)	65.4 kg / 144.2 lbs

## LUCAS 2K Satellite

Max. SPL peak* (10% THD half-space)	127 dB
Frequency response +/-	118 Hz - 18kHz
Midrange speaker	1 x 8"
HF driver	1"
Horizontal/vertical directivity	90° x 55°
Inputs	Speaker In (Speakon)
Pole mount	HK MonoTilt™ 3°
Dimensions (WxHxD)	26.2 x 41.2 x 29.5 cm
Weight	11.4 kg / 25.1 lbs

## LUCAS 2K15 Subwoofer

Max. SPL peak* (10% THD half-space)	129 dB
Frequency response +/- 5dB	44 Hz - 130 Hz
Inputs	2 x XLR/6.35 mm (1/4") jack combo ports
Outputs	2 x XLR Thru, 2 x Satellites Out (Speakon)
Woofer	1 x 15"
Pole mount	1 x M20 (K&M)
Carrying handles	2 x HK Audio MultiGrip™
Dimensions (WxHxD)	48 x 48.5 x 59.5 cm
Weight	30.2 kg / 66.6 lbs

## LUCAS 2K18 Subwoofer

Max. SPL peak* (10% THD half-space)	128 dB
Frequency response +/- 5dB	39 - 130 Hz
Inputs	2 x XLR/6.35 mm jack combo ports
Outputs	2 x XLR Thru, 2 x Satellites Out (Speakon)
Woofers	1 x 18"
Pole mount	1 x M20 (K&M)
Carrying handles	2 x HK Audio MultiGrip™
Dimensions (WxHxD)	51 x 67 x 72.5 cm
Weight	42.6 kg / 93.9 lbs

\* Short-term RMS value measured using a sine burst signal with a 1/4 cycle rate and a resulting crest factor of 9 dB at a frequency that is representative of the system





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