

LUCAS NANO



LUCAS NANO
600



LUCAS NANO
300



HK AUDIO



LUCAS NANO SERIES





The new LUCAS NANO series – that's as small as professional audio gets. Ultra compact and exceedingly lightweight, these petit powerhouses are the perfect PAs for musicians and DJs on the go. The many setup options and amazing performance add up to a fascinating new audio experience powered by fascinating new technologies.

Professional Sound to Go.

LUCAS NANO 300



**BE THE
PARTY**

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Rooftop BBQ party

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Spontaneous jam ses



Spontaneous jam sessions with an acoustic guitar and vocals. A champagne reception in a lobby. A backyard cookout to catch the World Cup final with all your friends. LUCAS NANO 300 rocks the party at these and countless other occasions where a big PA is just too much of a good thing. It travels light in one hand and practically disappears once it's set up. And you'll never need an external mixer to plug in a mic, acoustic guitar and MP3 player.

LUCAS NANO 300 the multi-optional Sound System



LUCAS NANO 600 offers everything musicians and DJs need to get the audience's groove on. It delivers the goods at fairly big gigs: Depending on setup size, it serves up sweet sound and slamming beats for up to 200 people. Its jaw-dropping audio performance is powered by a unique package of innovative technologies, including some real breakthroughs. And that makes LUCAS NANO 600 a first-class stereo PA with the flexible setup options. It's even a serious alternative to conventional fullrange cabinets and columnar speaker systems.

LUCAS NANO 600 – world's first crossover PA

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Lounge music in a happening club

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Unplugged ni

A woman with dark hair, wearing a black top, is smiling and looking towards the camera from behind a DJ booth. The background is a dimly lit club with purple and blue lighting. In the foreground, there are blurred figures of people, suggesting a crowded dance floor. The overall atmosphere is energetic and social.

LUCAS NANO 600

**MAKE 'EM
DANCE**

ght in the pub +++ Public viewing in the beer garden +++

APPLICATIONS

LUCAS NANO 300

LUCAS NANO 300 offers a wide range of ports for nearly every conceivable source from keyboard, mixer, microphone and acoustic guitar to an MP3 or CD player. Two LUCAS NANO 300s can be doubled up to create a more powerful stereo system. The two mixers communicate via the link cable, giving you twice the output power and number of input channels.



LUCAS NANO 600

LUCAS NANO 600 is even more lavishly appointed: Inputs 1 and 2 afford you even greater flexibility by providing enough channels for a vocal duo with accompaniment or two acoustic guitarists with an additional vocalist. On top of that, it furnishes phantom power for condenser microphones.



3.5" High-Performance Broadband Speakers

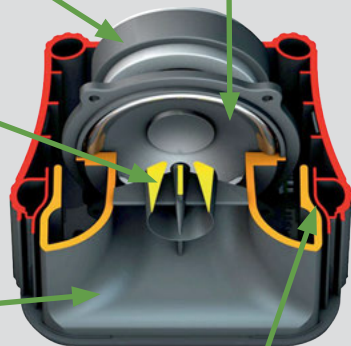
190 Hz – 20 kHz, +2 dB

Compression Chamber
with +1 dB SPL

HF Diffraction Lens
for an HF dispersion pattern
with uniform width (60° x 40°)

Constant Directivity Horn
for +4 dB higher SPL
and uniform midrange
dispersion

Helmholtz Resonator
to boost low mids by +6 dB



High-Performance 8" Subwoofer

Class-D Poweramp

160 W for the subwoofer
2 x 35 W or
70 W for satellites

Subfire Reflex Port
for sub-bass down
to 44 Hz

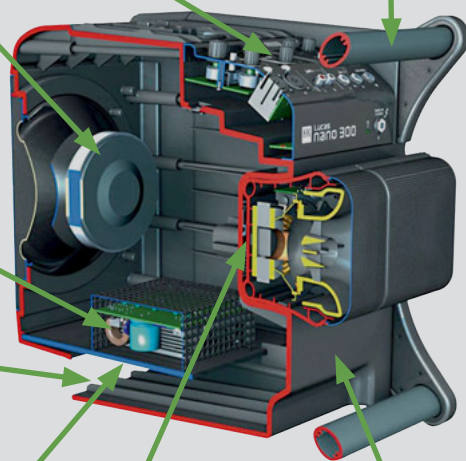
5-mm Aluminum Plate
to cool and brace the cabinet

Triple-Channel Mixing Console

with ports for microphones,
instruments, line signals, MP3 /
CD players, etc.

Large Metal Carrying Handles

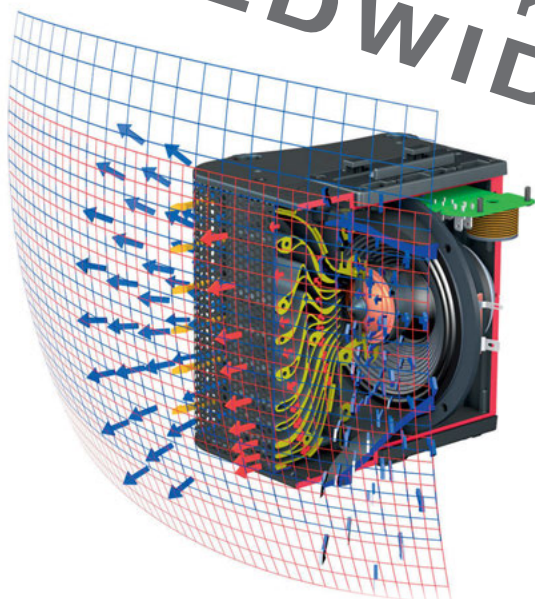
for easy, comfortable portability



Transport Bay for Satellites
with a locking mechanism

Anti-Resonant Polyamide Housing

THE FIRST OF ITS KIND
WORLDWIDE



The MultiCell Transformer

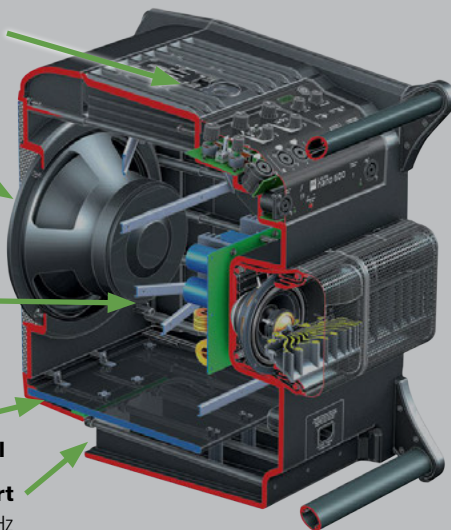
The newly developed MultiCell Transformer for the 1" compression driver is certainly an innovative highlight. This advanced Wave Transformer technology shoehorns the acoustical benefits of a much larger CD horn into this compact format and allows two satellites to be stacked properly to achieve the best audio performance.

M20 Threading
for Mono Stand Add-On

High-Performance 10" Subwoofer

Resonance-Suppressing Bracing
for greater frequency
range and higher SPL

Reinforced with a wood panel
Subfire Reflex Port
for sub-bass down to 43 Hz



Epoxy housings have many benefits, but they've never been famous for delivering massive, muscular bass. So our engineers took a novel approach to this challenge, using a special state-of-the-art simulation method to analyze how the LUCAS NANO 600 subwoofer's enclosure bends and flexes. They pinpointed all the resonance points and then reinforced the unit with a sophisticated metal bracing system. The housing now has the acoustical properties of a professional-grade wood cabinet.

ACCESSORIES



Add-on Package 1
LUCAS NANO 300



Add-on Package 2
LUCAS NANO 300



Roller Bag
LUCAS NANO 300



Mono Stand Add-on
LUCAS NANO 600



Stereo Stand Add-on
LUCAS NANO 600



Desk/Wall Mount
LUCAS NANO 600





Roller Bag
LUCAS NANO 600




Link Cable
LUCAS NANO 300
LUCAS NANO 600



Pole Mount Adapter
LUCAS NANO 300
LUCAS NANO 600

MODEL	SINGLE 	TWIN 
Power output	35 watts @ 8 ohms	70 watts @ 4 ohms
Broadband speaker	1x 3.5"	2x 3.5"
Frequency response	190 Hz - 20 kHz	190 Hz - 20 kHz
Max. SPL @ 10% THD*	112 dB	116 dB
Max. SPL Peak*	116 dB	120 dB
Dispersion pattern horizontal/vertical	60° x 40°	60° x 40°
Dimensions (W x H x D)	13 x 13 x 11.5 cm	13 x 26 x 11.5 cm
Weight	2.2 lbs	4.4 lbs

MODEL	SUBWOOFER 
Power output	160 watts @ 2 ohms 2x 35 watts @ 8 ohms
Subwoofer	1x 8"
Frequency response	44 Hz - fx
Max. SPL @ 10% THD*	116 dB
Max. SPL Peak*	118 dB
Dimensions (W x H x D)	30 x 39 x 42 cm
Weight	18.3 lbs

LUCAS NANO 300



Compact Mono
Audience size 40





Mono
Audience size 50




Stereo
Audience size 40



Twin Stereo
Audience size 80 - 100

MODEL	SINGLE 	TWIN 
Power output	80 watts @ 8 ohms	160 watts @ 4 ohms
Woofer	1x 4.5"	2x 4.5"
HF driver	1x 1"	2x 1"
Frequency response	175 Hz - 22 kHz	175 Hz - 19 kHz
Max. SPL @ 10% THD*	119 dB	124 dB
Max. SPL Peak*	124 dB	130 dB
Dispersion pattern horizontal/vertical	90° x +10°/-45°	90° x 60°
Dimensions (W x H x D)	14.5 x 14.5 x 13.5 cm	14.5 x 28 x 13.5 cm
Weight	2.65 lbs	5.29 lbs

MODEL	SUBWOOFER 
Power output	300 watts @ 8 ohms 2x 80 watts @ 8 ohms
Subwoofer	1x 10"
Frequency response	43 Hz - fx
Max. SPL @ 10% THD*	120 dB
Max. SPL Peak*	123 dB
Dimensions (W x H x D)	35 x 49 x 47 cm
Weight	30.86 lbs

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Compact Mono
Audience size 80



Mono
Audience size 120



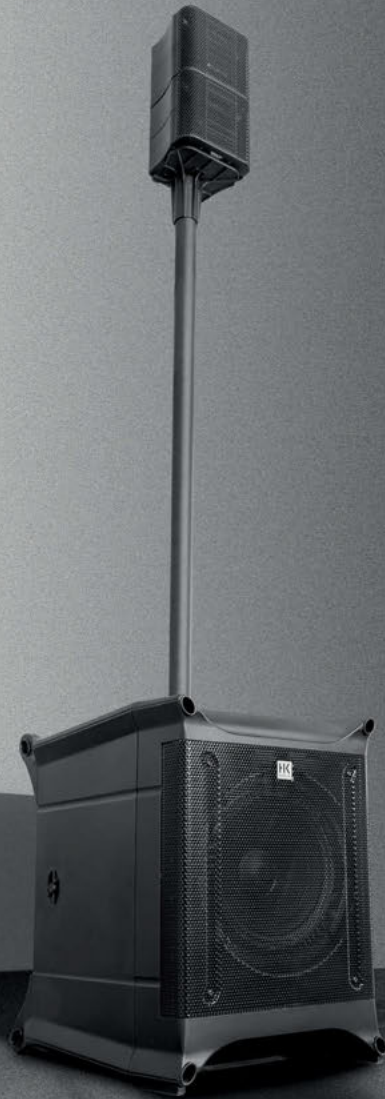
Stereo
Audience size 100 - 120



Twin Stereo
Audience size 160 - 200

* Half Space

LUCAS NANO 600 world's first crossover PA



LUCAS NANO 600
Your Next
Column Speaker

LUCAS NANO 600
Your Next
Fullrange Cabinet

LUCAS NANO 600
Your Next
Satellite System

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