



LANCHIYA INTELLIGENT ACOUSTICS

Lanchiya Intelligent Acoustics is a group composed of Lanchiya Acoustics (USA) Research, Lanchiya Electronics Technology (Japan) Co.,LTD, Lanchiya Acoustics (Korea) Research and Lanchiya Digital Technology CO.,LTD. Since the foundation of Lanchiya Acoustics (USA) Research by over 20 audio experts in California(US) in 2006, Lanchiya has created a strong R&D team and a first-class electronic and electro-acoustic laboratory, which has made countless innovations in audio field. Lanchiya R&D team focus on the Industrial design, Electro-acoustic, the Structure and Materials of the products.

After years of research and exploration, Lanchiya has achieved a lot such as speaker miniaturization technology, operational simplifications and sound performance etc. And we has registered 55 various patents. We also developed nearly a hundred innovative products. Each of these products features fantastic appearance, fabulous sound and easy operations. We implement the ISO9001 and CCC quality management systems, SA8000 and BSCI social responsibility management system. And we have imported more than 20 advanced inspection instruments such as Environment Simulation Tester, Transport Simulation Vibration Tester, Salt Spray Tester, Electro-acoustic Tester etc. We authorize the professional market research corporations to do the market research and make sure the innovations and the sales strategies are perfect. Benefit from these advantages, the Amethyst brand has made a great commercial success. Amethyst speakers are sold in more than 56 countries all around the world. Our own brand Amethyst had won the Top 4 market share (BOSE, JBL, iHome, Amethyst) in MFI docking speaker ranking in UK, and won the Top 5 in France. The major customers include Britz, INKEL (Sherwood), IRIVER, KOIZUMI, NAKAMICHI, DANTAX etc. Many big retailers ever sold our products. Such as Walmart, Mediemarkt, Tesco, Bestbuy, Superdansk, Dixons etc.

Nowadays, AI is becoming more and more popular. Lanchiya starts to do the research and development of intelligent psychoacoustics products which can feel the consumers, satisfy their emotion, and even improve their mental and physical health. We promise that you will be surprised to see our new creative product series of Hybrid Vacuum Tube Amplifiers for developing the LANCHIYA brand.

Each year, we will join the global exhibitions such as CES, IFA, HKTD, Canton Fair etc. We sincerely invite you to visit our booth and make the long-term cooperation relationship with us.

LANCHIYA ACOUSTICS (U.S.A) RESEARCH
2570 N First St, 2nd Floor San Jose, CA 95131 U.S.A

2018 fw / 2019 SS lanchiya.com





E.A.I™ **TAIKO BASS BOOSTER™** (Invention patent)
The TAIKO Bass Booster™ is a low frequency multiplication technology which is painstakingly invented by LANCHIYA®'s R&D team after seven years' research and study. It's a revolutionary and innovative new technology of electro acoustics,which combines LANCHIYA®'s patent technology of double resonators and EAI™(Electronics & Acoustics Integration System) It can multiply the power of low frequency in a small speaker housing. Even the volume is very small, it still can make the speaker produce the clear, powerful and elastic bass. This technology reflects LANCHIYA®'s persevering spirit of pursuing the Hi-Fi sound quality.

Hi-Res AUDIO
Wi-Fi speaker solution Features:

- Support lossless 24bit 192KHz High definition audio
- Support codec like FLAC/DSF/APE/WAV etc.
- Support streaming service like Spotify, vTuner etc.
- Support multi-room system, which can connect 8 speakers simultaneously
- Transmission distance 110m

TAIKO BASS BOOSTER™ (Invention patent)
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Non-touch IR sensor control system (Invention patent)
LANCHIYA®'s micro-sensing technology enables remote sensor controlling throughout all functions of the speakers. The ease in which the micro-sensing technology performs, allows the customer more hassle-free enjoyments when operating the speakers and effectively avoid the hidden issues that are traditionally associated with press-and-play button design speakers that may lead to operational failure over time.

EAI™
With many years' develop, LANCHIYA® has invented the EAI™ (Electronics & Acoustics Integration Technology). EAI™ is for the perfect match of the electronic acoustics and the speaker structure with the EAI™ chip module. Making the whole audio system in the best status and achieving the best sound reproduction.

PMCM Enclosure material
Enclosure with PMCM (Plasticity Micro Crystal Material) acoustic material coated with Lanchiya® special surface treatment floss spray paint. Nice workmanship and no sticky forever. Good structural strength prevents from unnecessary resonance.

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IE.S.P™
34 Design patents 19 Utility model patents 2 Invention patents

IESP™ (Integration of Enclosure with Speaker driver unit and Passive radiator)
The passive radiator makes the bass stronger than the normal speaker driver unit does in such limited enclosure. The paper cone of the passive radiator can make the stronger linear vibration when the sound wave be created by the diaphragm moves the air current. The bass can be enhanced when the reverse vibration by the paper cone of the bass unit and the paper cone of the passive radiator.

Built-in independent high performance headphone amplifier
The headphone amplifier can drive the headphone impedances from 32Ω to 600Ω by the advanced automatic impedance matching system. Its power is 7W. It can support all of the audio formats by the high performance of the hardware decoder. It's compatible with DSD256, DSD128 and DSD64. Including PCM 32bit 384kHz. The vacuum tubes are used for adjusting the sound. The external sound output and the internal decode input can be freely switched.

E.A.I™ bass boost & 3D effect sound
The Lanchiya® patented EAI™ Bass Boost function is the special design for the bass-lovers. Hit the special button for the stronger bass if the original Hi-Fi sound is not enough. The SPL will be enhanced for 6dB by curve when the bass range is between 40Hz-250Hz. Lanchiya®EAI™ 3D effect function can help to get more feeling of live music concert from the standard music and to get the best sound in various playback environment like games, TV, movie scenarios etc.

760 Damping glue
760 damping glue is a kind of aqueous synthetic resin which is suitable to daub the edge of the drum paper in the speaker drivers. It can absorb the poor audio frequency and the reflected wave produced by the vibration of speaker drivers,so it is helpful to produce the medium and low frequency sound and keep the timbre steady.

HF Booster (Full-range driver with point source and high frequency booster)
The umbrella shaped design is for improving the directivity and extensibility. Superposing the high frequency makes the sound position more accurate. The neck of the driver unit is the radian which can spread 360 degree. It is wider than any full range speaker and full of sense of sound space. HF Booster can extend the high frequency to 20KHz and make the point source effect. The normal ones extend the high frequency just between 13KHz and 15KHz. The physical characters of the normal ones limit the spread of the high better than the normal ones without cost increase. Three high frequency gain steps separate each reflection of the overlap frequency ranges.

360° natural sound field (Design patents)
To ensure replicated sound cadence is more realistic to the natural sound, LANCHIYA® design team acted as a pioneer within the audio field to develop a unique 360° natural sound field technology, which allows the consumer to hear the best natural tone in any position throughout the products unique structure and electro-acoustic design.

Special bass airflow guiding technology
In order to appeal to and satisfy consumer different demands, all the various LANCHIYA® product designs contain worldwide patents of appearance. Our integrated Special Bass airflow guiding technology ensures that all of our products, despite differences in shape and design, have the same optimal bass performance.

Touch-control interface
LANCHIYA® led the industry in integrating touch-control technology into the digital speaker field,which has proven to be very popular to our customers throughout the years. Our innovative operation system has now opened a door to every increasing compact designed digital speaker that has led to big advancements in technical development. Meanwhile, LANCHIYA® initial pioneering efforts opened the door for digital speaker devices to enter the touching times.

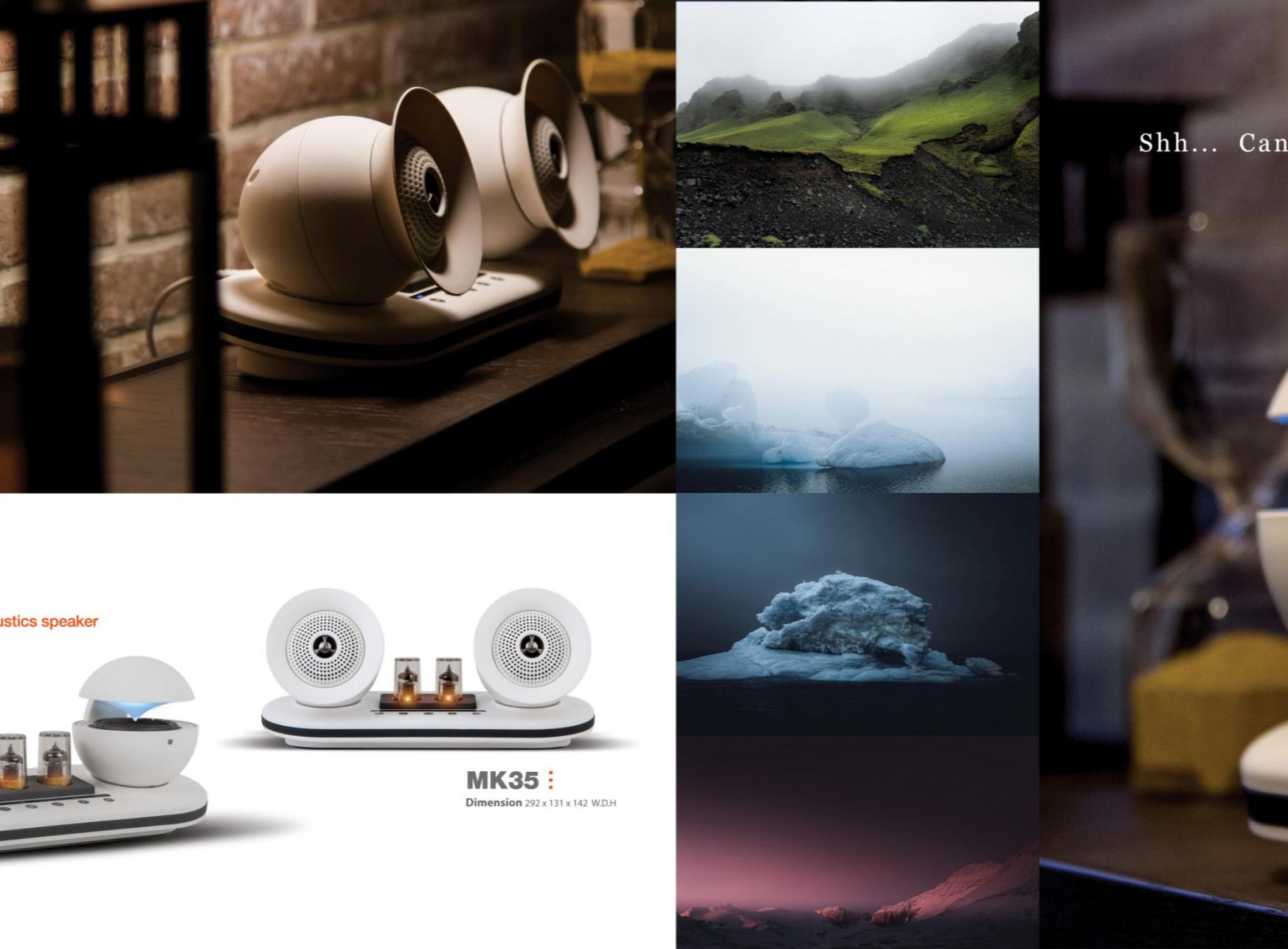
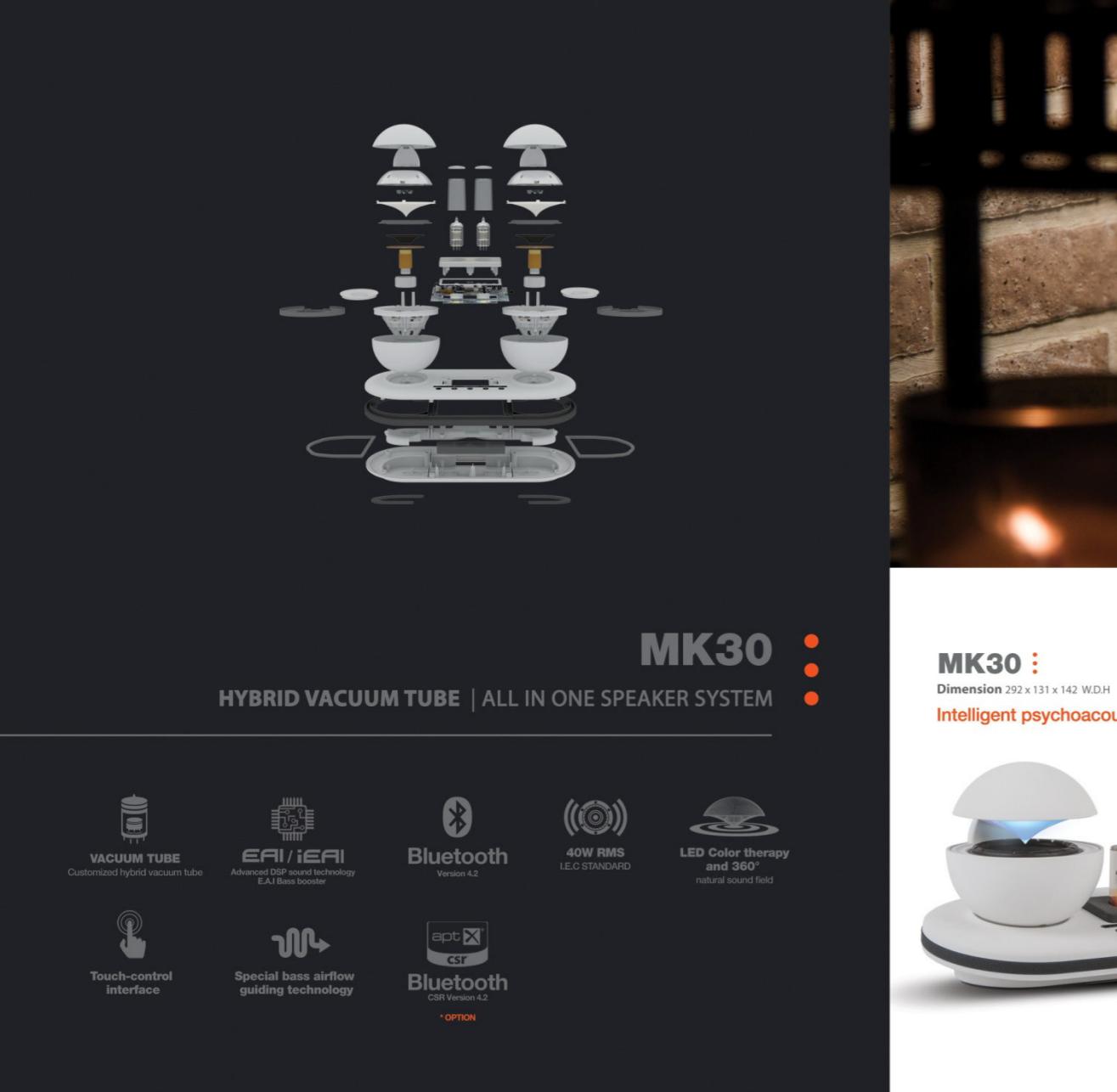
100% paper-pulp speaker unit design
Paper-pulp speaker unit design has been around for decades. However, through many years of R&D testing and improvements, LANCHIYA® a developed a precise special formula to ensure LANCHIYA® 100% paper-pulp design has achieved the most advantageous solution in the industry.

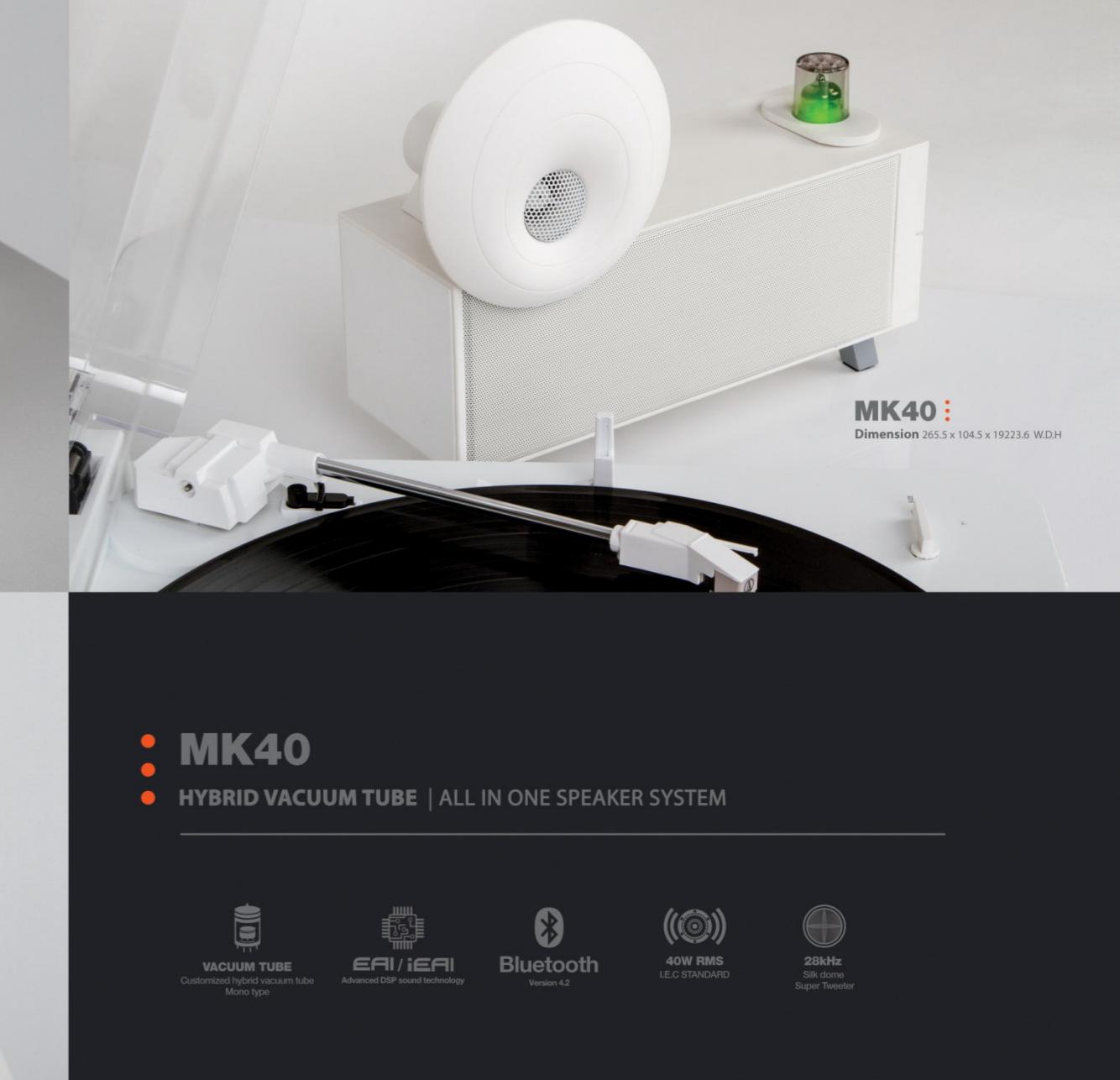
Dynamic sound & Professional speaker driver unit design
LANCHIYA®'s professional design and engineering team has worked on Audio field for 35years. We design, develop, research, and produce every speaker unit from beginning to the end to guarantee perfect quality control.

Breath heat dissipation
A universal and common challenge within the audio field is to achieve increased sound pressure within smaller speaker designs, however the most difficult paramount problem within speaker design centers on achieving precise Heat Radiation. The Breathing heat-radiation technology, which is developed independently by LANCHIYA® R&D team, is based on our unique inner-structure design. Most significantly, LANCHIYA® unique design can control the route of the entire mass of air flow, which maintains sound resonance at its most optimal status. Concurrently, the air flow plays a very important effect in achieving the purpose of heat radiation. The combination of our design and technology elements has improved our compact speaker's stability operational function under big output for longer period of time.

apt X®
Bluetooth™ CSR™ aptX®to transmit 16 bits 44.1kHz or 16 bits 48kHz CD quality music.

HDMI™
HDMI™ input and output Compatible format can be as high as 4K 30 frame





MK50 SP/S

HYBRID VACUUM TUBE | ALL IN ONE (TWS) SPEAKER SYSTEM



DS50

HYBRID VACUUM TUBE | ALL IN ONE SPEAKER SYSTEM



DS50

:

Dimension

112 x 122 x 200 W.D.H

Stereo version with cable connection

DS 50

:

Dimension

81 x 92 x 138 W.D.H

TWS / Built in (5200mAh) battery version

MK50 SP

:

Dimension

81 x 92 x 138 W.D.H

TWS / Power adaptor (9V 1.5A) version

MK50 S

:

Dimension

81 x 92 x 138 W.D.H

TWS / Power adaptor (9V 1.5A) version

DS 50

:

Dimension

81 x 92 x 138 W.D.H

TWS / Built in (5200mAh) battery version

MK50 SP

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Dimension

81 x 92 x 138 W.D.H

TWS / Power adaptor (9V 1.5A) version

MK50 S

:

Dimension

81 x 92 x 138 W.D.H

TWS / Power adaptor (9V 1.5A) version

MK90 / MK180

HYBRID VACUUM TUBE | ALL IN ONE SPEAKER SYSTEM



VACUUM TUBE

Customized hybrid vacuum tube



EAI / iEAI

Advanced DSP sound technology



Bluetooth

CSR Version 4.2



VACUUM TUBE

HEADPHONE AMPLIFIER



40W RMS

I.E.C STANDARD

Dynamic Sub-woofer



28kHz

Silk dome Super tweeter



Al¹³

26.9815386



Aluminium

Control knob and switch



HDMI

HIGH DEFINITION MULTIMEDIA INTERFACE



SUPPORT 4K 30F

* MODEL MK90 Only



5 Active speaker

driver unit
1 Sub-woofer + 2 Mid-range +
2 Tweeter



MK90 :

Dimension 430 x 280 x 128 W.D.H



MK180 :

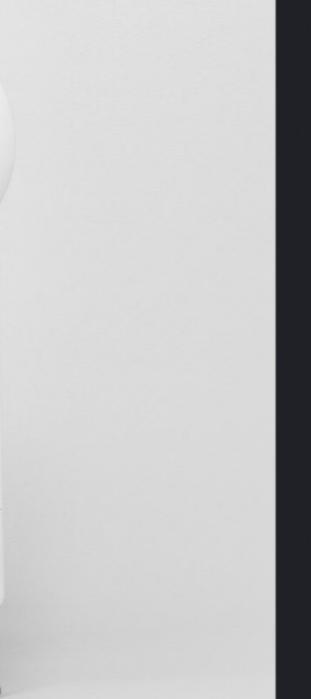
Dimension 349 x 180 x 190 W.D.H

A masterpiece will speak any way for itself



DS25

ALL IN ONE HYBRID VACUUM TUBE MONITOR SPEAKER SYSTEM



DS25

HYBRID VACUUM TUBE | MONITOR SPEAKER SYSTEM



VACUUM TUBE

Customized hybrid vacuum tube



iEAII

Advanced DSP sound technology



Bluetooth

CSR Version 4.2



VACUUM TUBE

Headphone amplifier



40W RMS

I.E.C STANDARD

Dynamic Sub-woofer



28kHz

Silk dome

Super tweeter



AI¹³

26.9815386

Aluminum

Control knob and switch



PHONO PORT

Professional Phono port



6 Active speaker

driver unit

1 Sub-woofer + 1 Mid-range +

1 Tweeter x 2 (L+R)

DS25:

Dimension 112x190x296 W.D.H

Stereo version with cable connection





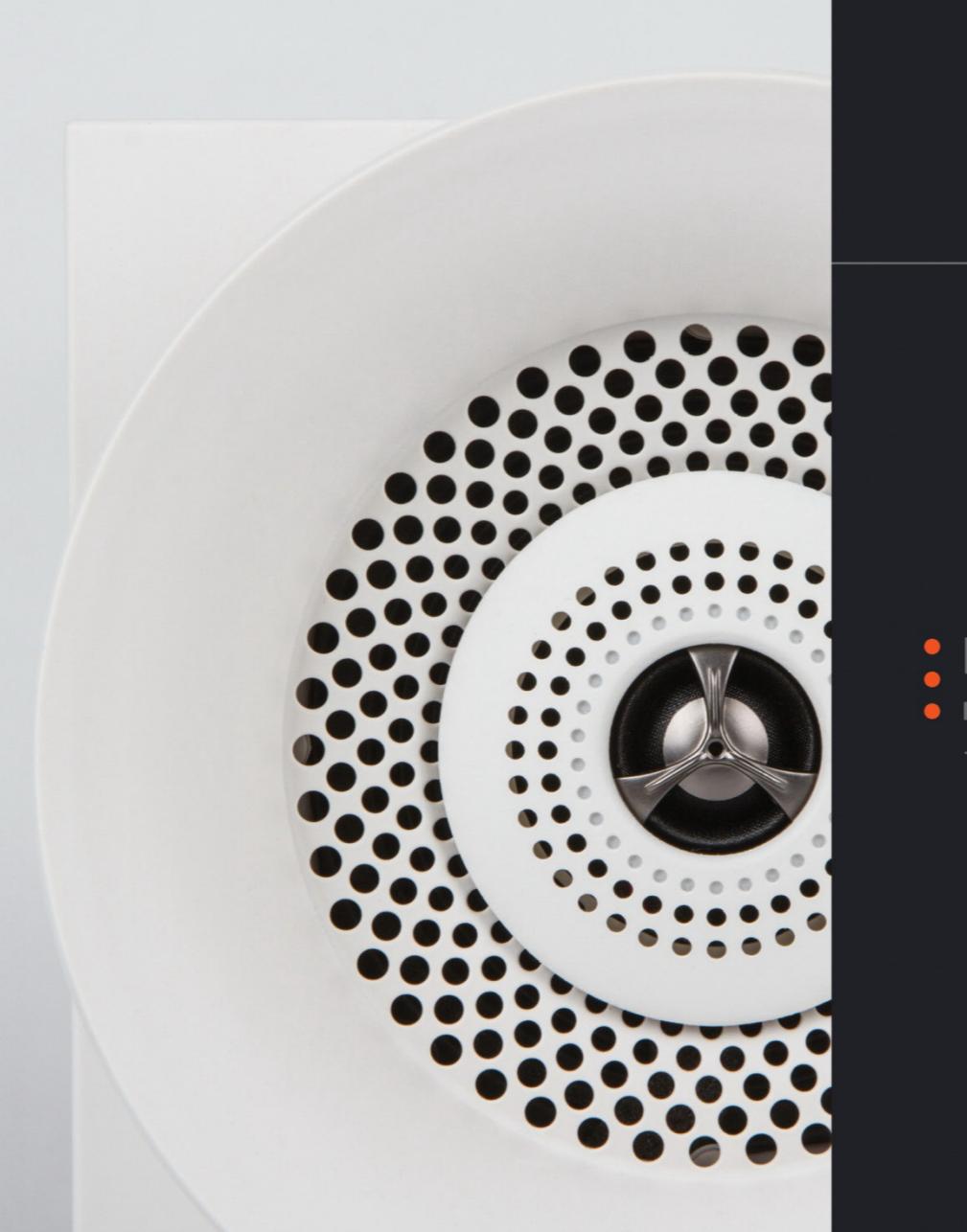
DS55

Dimension 355 x 117 x 282 W.D.H
Stereo version with cable connection



DS7

Dimension 128 x 178 x 177 W.D.H
Stereo version with cable connection



DS55

HYBRID VACUUM TUBE | MONITOR SPEAKER SYSTEM

- VACUUM TUBE Customized hybrid vacuum tube
- EAI / iEAI Advanced DSP sound technology Bass booster & 3D sound effect
- Bluetooth CSR Version 4.2
- PHONO PORT Professional Phono port
- 40W RMS I.E.C STANDARD Dynamic Sub-woofer
- 25kHz Silk dome Super tweeter
- 6 Active speaker driver unit 1 Sub-woofer + 1 Mid-range 1 Tweeter x 2

DS7

HYBRID VACUUM TUBE | MONITOR SPEAKER SYSTEM

- VACUUM TUBE Customized hybrid vacuum tube
- EAI / iEAI Advanced DSP sound technology Bass booster & 3D sound effect
- Bluetooth CSR Version 4.2
- PHONO PORT Professional Phono port



MK50 (MK50&LS20)

Amplifier MK50 / Dimension 215 x 81 x 140 W.D.H
Loudspeaker LS20 / Dimension 112 x 109 x 200 W.D.H



MK100m & LS20

Amplifier MK100m / Dimension 123 x 167 x 170 W.D.H
Loudspeaker LS20 / Dimension 112 x 109 x 200 W.D.H



MK100 mini

HYBRID VACUUM TUBE | AMPLIFIER SYSTEM



VACUUM TUBE

Customized hybrid vacuum tube



EAI/iEAI

Advanced DSP sound technology



Bluetooth

CSR Version 4.2



VACUUM TUBE

HEADPHONE AMPLIFIER



PHONO PORT

Professional Phono port



AI¹³

26.9815386

Aluminium Enclosure

and control knob and switch



Auto detecting

Loudspeaker type



VACUUM TUBE

Customized hybrid vacuum tube



EAI/iEAI

Advanced DSP sound technology



Bluetooth

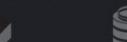


40W RMS

CSR Version 4.2

I.E.C STANDARD

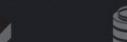
Dynamic Sub-woofer



4 Active speaker driver unit with network



28kHz Silk dome Super tweeter



ABS Enclosure material



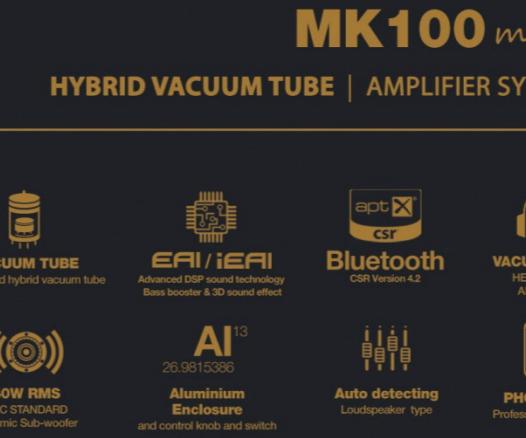
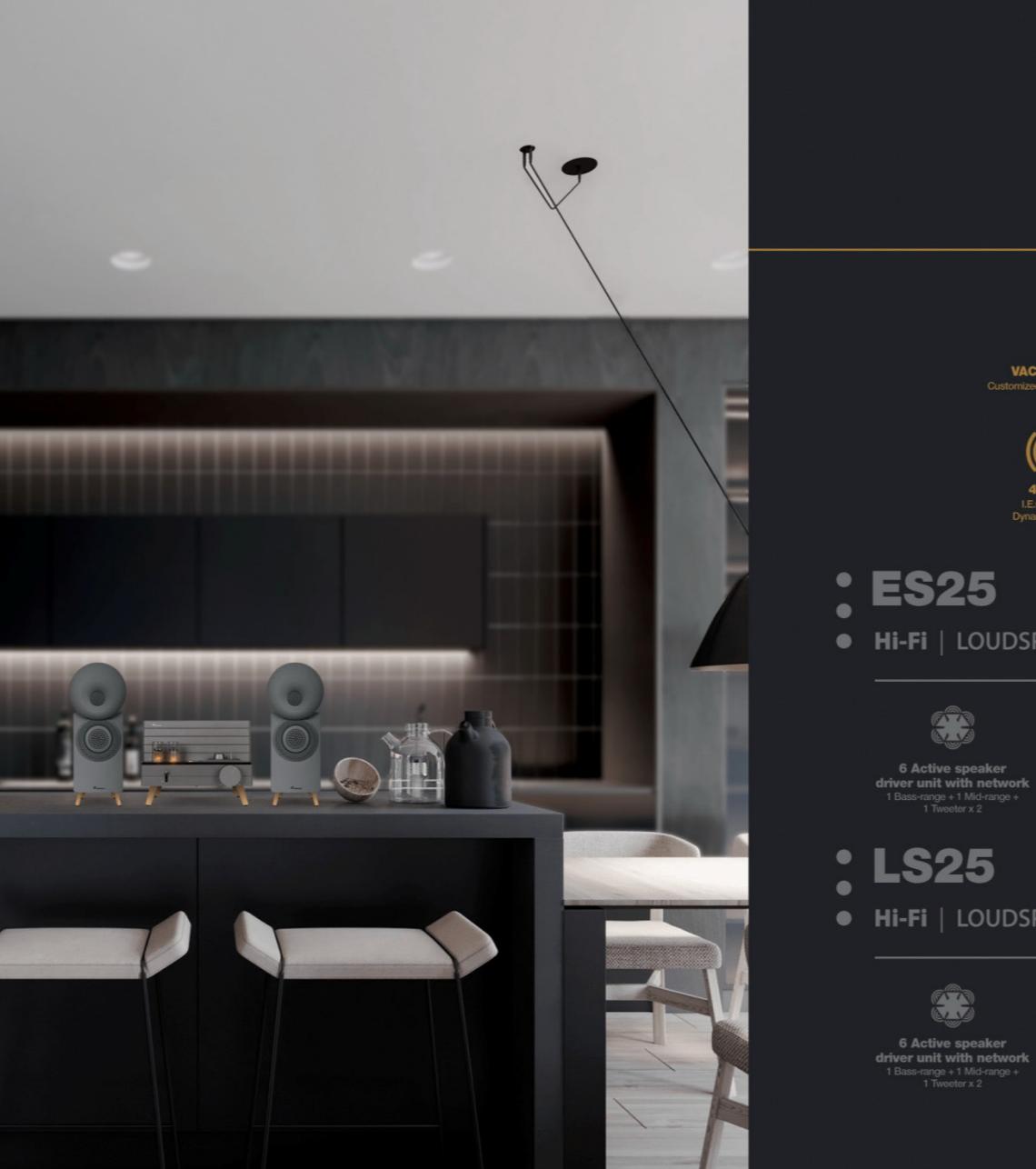
3 layer Hybrid magnet



Minimum diffraction horn type tweeter

for natural sound reproduction







MK100 / CD

HYBRID VACUUM TUBE | AMPLIFIER SYSTEM



VACUUM TUBE

Customized hybrid vacuum tube



EAI / iEAI

Advanced DSP sound technology
Bass booster & 3D sound effectaptX®
CSRBluetooth
CSR Version 4.2

VACUUM TUBE

HEADPHONE
AMPLIFIER

HDMI™

HIGH DEFINITION MULTIMEDIA INTERFACE
SUPPORT 4K 30F

PHONO PORT

Professional Phono port



CD player

*MK100 model only



100W RMS

I.E.C STANDARD
Dynamic Sub-wooferAI¹³

26.9815386

Aluminum
Enclosure
and control knob and switch

Auto detecting

Loudspeaker type



PHONO PORT

Professional Phono port

COMPACT
DISC

*MK100 model only

• ES55

Hi-Fi | LOUDSPEAKER SYSTEM

6 Active speaker
driver unit with network
1 Bass-range + 1 Mid-range +
1 Tweeter x 2 (L/R)28kHz
Silk dome
Super tweeterPMCM
Enclosure material
High Polymer
Plasticity Micro
Crystal Material3 layer
Hybrid magnet
Neodymium + ferrite

• LS55

Hi-Fi | LOUDSPEAKER SYSTEM

6 Active speaker
driver unit with network
1 Bass-range + 1 Mid-range +
1 Tweeter x 2 (L/R)28kHz
Silk dome
Super tweeterPMCM
Enclosure material
High Polymer
Plasticity Micro
Crystal Material3 layer
Hybrid magnet
Neodymium + ferriteMinimum diffraction
horn type tweeter
for natural sound reproduction



MK150/100 mini HYBRID VACUUM TUBE | AMPLIFIER SYSTEM



VACUUM TUBE
Customized hybrid vacuum tube



EAI/iEAI
Advanced DSP sound technology
Bass booster & 3D sound effect



Bluetooth
CSR Version 4.2
Bass booster & 3D sound effect



40W RMS
IEC STANDARD
Dynamic Sub-woofer



Auto detecting
Loudspeaker type



PHONO PORT
Professional Phono port



VACUUM TUBE
HEADPHONE AMPLIFIER



PMCM
Enclosure material
High Polymer
Plasticity Micro
Crystal Material
* MK100m model only

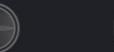


AI¹³
26.9815386
Aluminum Enclosure
and control knob and switch
* MK100m model only

LS7 Hi-Fi | LOUDSPEAKER SYSTEM



6 Active speaker
driver unit with network
1 Bass-range + 1 Mid-range +
1 Tweeter x 2 (L,R)



25kHz
Silk dome
Super tweeter



ABS
Enclosure material
A-class LG ABS



3 layer
Hybrid magnet
Neodymium + ferrite



MK150m & LS7

Amplifier MK150m / Dimension 275 x 183 x 187 W.D.H
Loudspeaker LS7 / Dimension 128 x 178 x 177 W.D.H



MK100m & LS7

Amplifier MK100m / Dimension 123 x 167 x 170 W.D.H
Loudspeaker LS7 / Dimension 128 x 178 x 177 W.D.H

MK150

HYBRID VACUUM TUBE | AMPLIFIER SYSTEM



MK150&ES55 :

Amplifier MK150 / Dimension 337 x 187 x 183 W.D.H
Loudspeaker ES55 / Dimension 128 x 178 x 285 W.D.H



MK150&LS55 :

Amplifier MK150 / Dimension 337 x 187 x 183 W.D.H
Loudspeaker LS55 / Dimension 355 x 117 x 282 W.D.H



● ES55

● Hi-Fi | LOUDSPEAKER SYSTEM



● LS55

● Hi-Fi | LOUDSPEAKER SYSTEM





amazon alexa



MK9 AX :
Dimension 168 x 168 x 231 W.D.H
amazon alexa A.I speaker solution

MK9 BT :
Bluetooth TWS solution

MK9 AX :

VOICE RECOGNITION | A.I SPEAKER SYSTEM

The MK9 AX is a high-end, AI-powered speaker system featuring advanced voice recognition and a sleek, modern design. It offers a range of connectivity options, including Amazon Alexa integration, Bluetooth, and a touch-control interface. The speaker is built with a powerful 10-speaker driver unit, providing 360° direct sound coverage. It also includes a 4-microphone far-field voice recognition solution and a 40W RMS dynamic sub-woofer. The MK9 AX is designed for both home and professional use, offering a versatile and high-quality audio experience.

amazon alexa
amazon alexa A.I speaker solution

EAI / iEAI
Advanced DSP sound technology
Bass booster & 3D sound effect

Bluetooth
Version 4.2
Taiko bass booster
for dynamic bass sound

4 Microphone
far-field voice
recognition solution

40W RMS
IEC STANDARD
Dynamic Sub-woofer

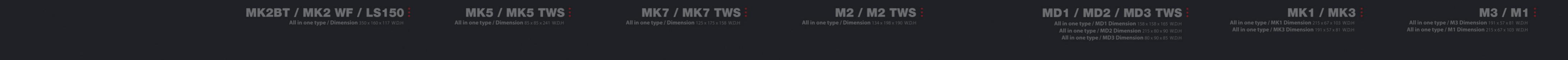
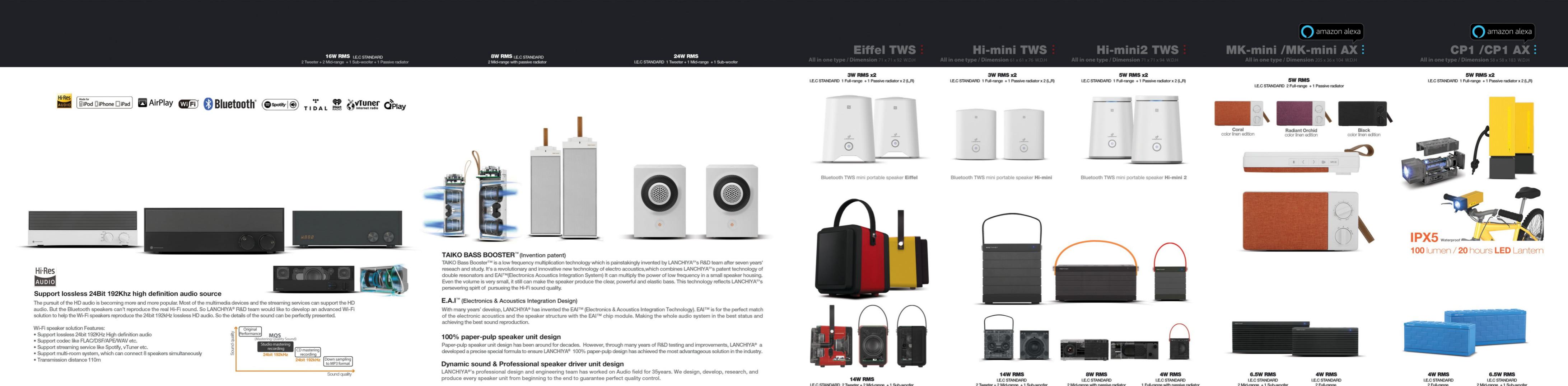
**10 speaker
driver unit**
1 Active sub-woofer + 3 Tweeter
3 Mid-range + 3 Passive radiator
360° direct sound
Cover 360° with three groups
of speaker drivers, each
group cover 120°

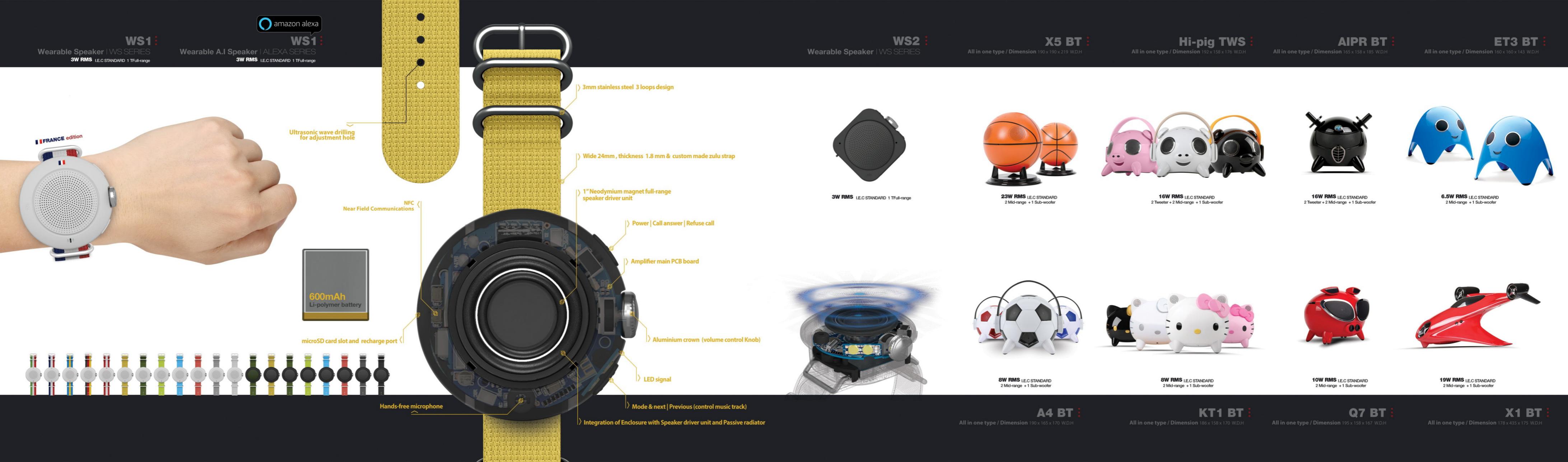
Auto rising
IR Sensor control

**Touch-control
interface**

10 Speaker driver unit & 360° direct sound
1 Active sub-woofer + 3 Passive radiator + 3 Mid-range driver + 3 Tweeter
Produce the sound at 360° with three groups of mid-range and
high frequency speaker drivers. Each group cover the angle of 120°

A photograph of the MK9 AX speaker system in its black color, placed on a light-colored wooden kitchen island. On the island, there is a small bowl of fruit, a bottle of oil, and a glass dome. In the background, there are dark chairs and a window.





THANK YOU