

[www.lanchiya.com](http://www.lanchiya.com)



## 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, Mediamarkt, Tesco, Bestbuy, Superdansk, Dixsons 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

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

**LANCHIYA A.I. ACOUSTICS (KOREA) RESEARCH (AUCEAN TECHNOLOGY, INC)**  
K-Center #901, Simindearo 248, Beon-gil 25, Dongan-gu Anyang-City, Gyeonggi-do, 14067 KOREA

**LANCHIYA ELECTRONICS TECHNOLOGY (JAPAN) CO., LTD**  
10th Floor, Shizuya Bld. 5-51-11, Higasi-Nippori, Arakawa-Ku, 1160014 Tokyo, JAPAN

**LANCHIYA DIGITAL TECHNOLOGY CO., LTD**  
Hongtu Road, Songxia Industry Zone, Songgang, Foshan City Guangdong Province 528234 CHINA

A masterpiece will speak any way for itself





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

34 Design patents 19 Utility model patents 2 Invention patents



#### LANCHIYA® Customized Vacuum Tube

The quality of LANCHIYA® customized vacuum tubes for the new hybrid amplifiers is the same as what the military industrial enterprise requests. We take the advantage of the even harmonics to enhance the dynamic range and the frequency response of the sound. The tubes can make the sound mellow and charming. The life of the tubes is about 50,000 hours.



#### Minimum diffraction horn type tweeter for natural sound reproduction

We take the advantage of the horn type structure to enhance high frequency up to 37KHz. Make the sound levels and the sound field more clear. The horn type tweeter can reproduce high frequency with more fidelity and decrease the sound diffraction.



#### Neodymium radial slug motor design

For enhancing the sensitivity of the speaker driver unit, there are 5 independent neodymium magnets with high magnetic flux are uniformly distributed as 360°. Its magnetic flux is 5 times as strong as the normal magnetic circuit. It can enhance the power.



#### Super high-range 28kHz silk dome tweeter

The tweeter used to reach to 15-20kHz. But Lanchiya R&D team is willing to make it reach up to 28kHz with their 36 years experience. The advanced silk dome tweeter which imported from Japan will be used for the amplifier. The perfect tweeter can be presented based on the perfect match by the tubes and the amplifier.



#### High-end class Super high-range 40kHz AMT tweeter technology

For the best performance of the tweeter, Lanchiya R&D team would love to challenge 40kHz with AMT whose diaphragm supplied by KAPTON in America, aluminum foil conductive line imported from Japan, and N45-Neodymium magnet supplied by Hengdian Group. More airflow can be pushed by AMT with the bigger diaphragm. So the high frequency can be perfectly extended.



#### Support lossless 24Bit 192Khz high definition audio source

The pursuit of the HD audio is becoming more and more popular. Most of the multimedia devices and the streaming services can support the HD audio. But the Bluetooth speakers can't reproduce the real Hi-Fi sound. So LANCHIYA® R&D team would like to develop an advanced Wi-Fi solution to help the Wi-Fi speakers reproduce the 24bit 192kHz lossless HD audio. So the details of the sound can be perfectly presented.



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)

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.



#### 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.



#### E.A.I™ (Electronics & Acoustics Integration Design)

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.



#### 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 lead 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® has 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 35 years. 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



**MK30** :

HYBRID VACUUM TUBE | ALL IN ONE SPEAKER SYSTEM



**VACUUM TUBE**  
Customized hybrid vacuum tube



**EAI / iEAI**  
Advanced DSP sound technology  
EAI Bass booster



**Bluetooth**  
Version 4.2



**40W RMS**  
I.E.C STANDARD



**LED Color therapy**  
and 360°  
natural sound field



**Touch-control**  
interface



**Special bass airflow**  
guiding technology



**Bluetooth**  
CSR Version 4.2

\* OPTION



Shh... Can you hear the sound of the nature?

**MK30** :

Dimension 292 x 131 x 142 W.D.H

Intelligent psychoacoustics speaker



**MK35** :

Dimension 292 x 131 x 142 W.D.H





**MK40** :  
Dimension 265.5 x 104.5 x 19223.6 W.D.H



● **MK40**  
● **HYBRID VACUUM TUBE** | ALL IN ONE SPEAKER SYSTEM



**VACUUM TUBE**  
Customized hybrid vacuum tube  
Mono type



**EAI / iEAI**  
Advanced DSP sound technology



**Bluetooth**  
Version 4.2



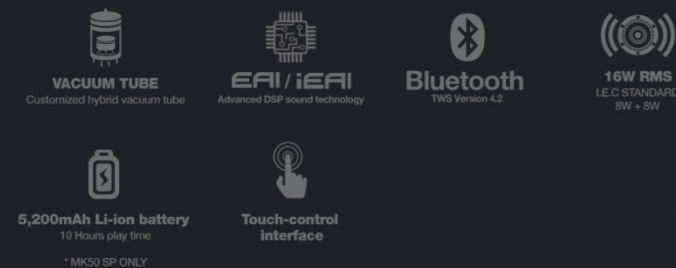
**40W RMS**  
I.E.C STANDARD



**28kHz**  
Silk dome  
Super Tweeter

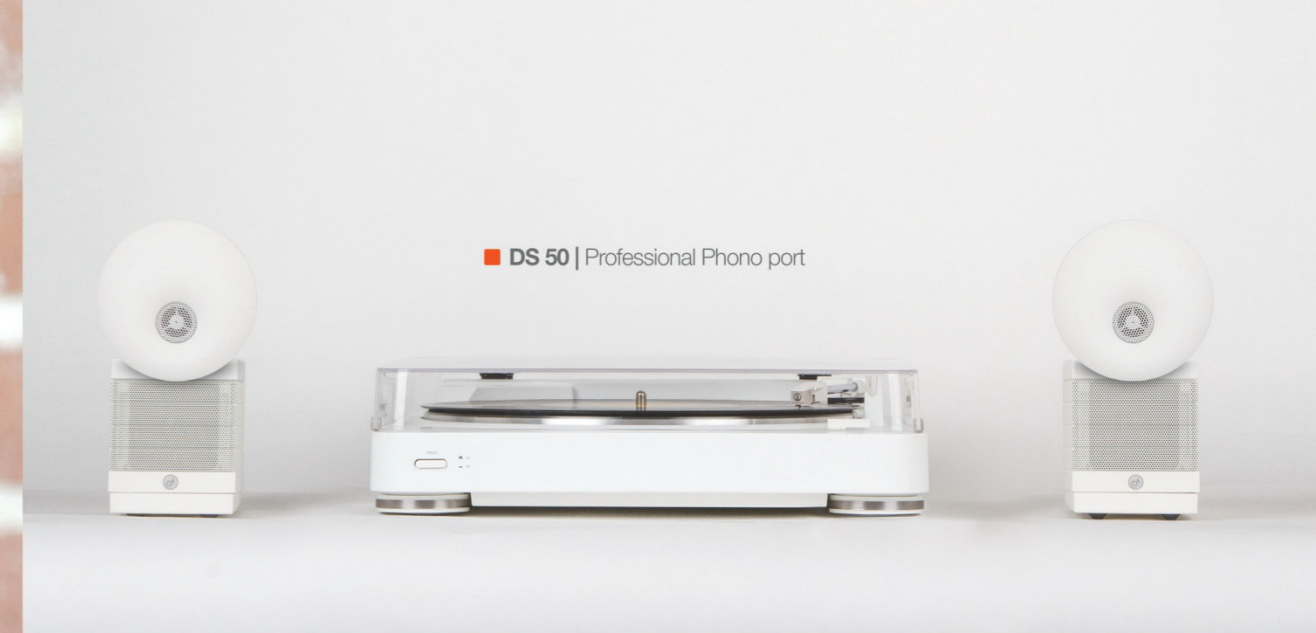
## MK50 SP/S

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



## MK50 SP :

Dimension 81 x 92 x 138 W.D.H  
TWS / Built in (5200mAh) battery 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  
Bass booster & 3D sound effect



**Bluetooth**  
CSR Version 4.2



**VACUUM TUBE**  
HEADPHONE  
AMPLIFIER



**40W RMS**  
I.E.C STANDARD  
Dynamic Sub-woofer



**28kHz**  
Silk dome  
Super tweeter



**AI<sup>13</sup>**  
26.9815386



**PHONO PORT**  
Professional Phono port



**HDMI**  
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



A masterpiece will speak any way for itself

**MK180**  
Dimension 349 x 180 x 190 W.D.H



# MK210

HYBRID VACUUM TUBE | ALL IN ONE SPEAKER SYSTEM



**VACUUM TUBE**  
Customized hybrid vacuum tube



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



**Bluetooth**  
CSR Version 4.2



**VACUUM TUBE**  
HEADPHONE  
AMPLIFIER



**40W RMS**  
I.E.C. STANDARD  
Dynamic Sub-woofer



**25kHz**  
Silk dome  
Super tweeter



**AI<sup>13</sup>**  
26.9615386  
**Aluminium**  
**Enclosure**  
and control knob and switch



**PHONO PORT**  
Professional Phono port



**8 Active speaker**  
**driver unit**  
2 Sub-woofer + 4 Mid-range  
2 Tweeter



**MK210**  
Dimension 450 x 163 x 172 W.D.H.



# DS25

ALL IN ONE HYBRID VACUUM TUBE MONITOR SPEAKER SYSTEM



## DS25 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
- VACUUM TUBE**  
HEADPHONE  
AMPLIFIER
- 40W RMS**  
I.E.C STANDARD  
Dynamic Sub-woofer
- 28kHz**  
Silk dome  
Super tweeter
- AI<sup>13</sup>**  
26.9815386  
**Aluminium**  
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 112 x 190 x 296 W.D.H  
Stereo version with cable connection





## DS7

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



## DS55

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



## 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
- 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

## 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
- VACUUM TUBE  
HEADPHONE  
AMPLIFIER
- 100W RMS  
I.E.C STANDARD  
Dynamic Sub-woofer
- 28kHz  
Silk dome  
Super tweeter
- 6 Active speaker  
driver unit  
1 Sub-woofer + 1 Mid-range  
1 Tweeter x 2
- PHONO PORT  
Professional Phono port



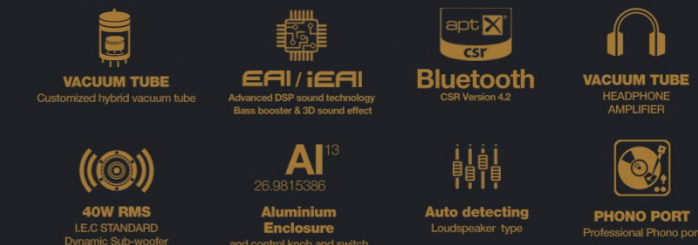
**MK50 (MK50&LS20)** ::  
 Amplifier MK50 / Dimension 215 x 81 x 140 W.D.H  
 Loudspeaker LS20 / Dimension 112 x 109 x 200 W.D.H



**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



**MK50**  
 HYBRID VACUUM TUBE | AMPLIFIER SYSTEM



**LS20**  
 Hi-Fi | LOUDSPEAKER SYSTEM





**MK100m & ES25**  
Amplifier MK100m / Dimension 123 x 167 x 170 W.D.H  
Loudspeaker ES25 / Dimension 105 x 184 x 198 W.D.H



**MK100m & LS25**  
Amplifier MK100m / Dimension 123 x 167 x 170 W.D.H  
Loudspeaker LS25 / Dimension 112 x 190 x 296 W.D.H



## MK100mini

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



**VACUUM TUBE  
HEADPHONE  
AMPLIFIER**



**40W RMS**  
I.E.C STANDARD  
Dynamic Sub-woofer



**AI<sup>13</sup>**  
26.9815386  
**Aluminium  
Enclosure**  
and control knob and switch



**Auto detecting**  
Loudspeaker type



**PHONO PORT**  
Professional Phono port

## ES25

Hi-Fi | LOUDSPEAKER SYSTEM



**6 Active speaker  
driver unit with network**  
1 Bass-range + 1 Mid-range +  
1 Tweeter x 2



**25kHz**  
Silk dome  
Super tweeter



**PMCM**  
Enclosure material  
High Polymer  
Plasticity Micro  
Crystal Material



**3 layer  
Hybrid magnet**  
Neodymium + ferrite

## LS25

Hi-Fi | LOUDSPEAKER SYSTEM



**6 Active speaker  
driver unit with network**  
1 Bass-range + 1 Mid-range +  
1 Tweeter x 2



**28kHz**  
Silk dome  
Super tweeter



**PMCM**  
Enclosure material  
High Polymer  
Plasticity Micro  
Crystal Material



**3 layer  
Hybrid magnet**  
Neodymium + ferrite



**Minimum diffraction  
horn type tweeter**  
for natural sound reproduction





**MK100&LS55 :**  
 Amplifier MK100 / Dimension 356 x 176 x 171 W.D.H  
 Loudspeaker LS55 / Dimension 355 x 117 x 282 W.D.H



**MK100&ES55 :**  
 Amplifier MK100 / Dimension 356 x 176 x 171 W.D.H  
 Loudspeaker ES55 / Dimension 128 x 178 x 285 W.D.H



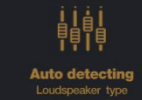
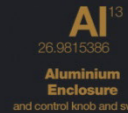
**MK100<sup>c</sup> & LS55 :**  
 Amplifier MK100c / Dimension 436 x 176 x 171 W.D.H  
 Loudspeaker LS55 / Dimension 355 x 117 x 282 W.D.H



**MK100<sup>c</sup> & ES55 :**  
 Amplifier MK100c / Dimension 436 x 176 x 171 W.D.H  
 Loudspeaker ES55 / Dimension 128 x 178 x 285 W.D.H



## MK100 / <sup>CD</sup> HYBRID VACUUM TUBE | AMPLIFIER SYSTEM



## ES55

Hi-Fi | LOUDSPEAKER SYSTEM



## LS55

Hi-Fi | LOUDSPEAKER SYSTEM





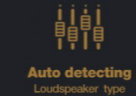
**MK150<sup>m</sup> & ES25 :**  
 Amplifier MK150m / Dimension 275 x 183 x 187 W.D.H  
 Loudspeaker ES25 / Dimension 105 x 184 x 198 W.D.H



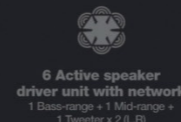
**MK150<sup>m</sup> & LS25 :**  
 Amplifier MK150m / Dimension 275 x 183 x 187 W.D.H  
 Loudspeaker LS25 / Dimension 112 x 190 x 296 W.D.H



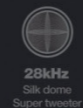
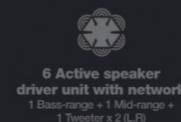
## MK150<sup>mini</sup> : HYBRID VACUUM TUBE | AMPLIFIER SYSTEM



## ES25 Hi-Fi | LOUDSPEAKER SYSTEM



## LS25 Hi-Fi | LOUDSPEAKER SYSTEM



# 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
- 40W RMS**  
I.E.C 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  
\* MK150m model only
- AI<sup>13</sup>**  
26.9815386  
**Aluminium**  
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&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



# MK150

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

**VACUUM TUBE**  
 HEADPHONE  
 AMPLIFIER

**HDMI**  
 SUPPORT 4K 30F

**100W RMS**  
 I.E.C STANDARD  
 Dynamic Sub-woofer

**PMCM**  
**Enclosure material**  
 High Polymer  
 Plasticity Micro  
 Crystal Material

**Auto detecting**  
 Loudspeaker type

**PHONO PORT**  
 Professional Phono port

## 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 tweeter

**PMCM**  
**Enclosure material**  
 High Polymer  
 Plasticity Micro  
 Crystal Material

**3 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 tweeter

**PMCM**  
**Enclosure material**  
 High Polymer  
 Plasticity Micro  
 Crystal Material

**3 layer**  
**Hybrid magnet**  
 Neodymium + ferrite

**Minimum diffraction**  
**horn type tweeter**  
 for natural sound reproduction



### MK9 AX

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

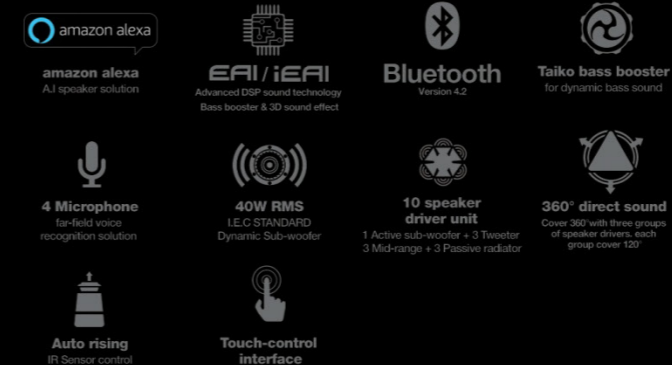
### MK9 BT

Bluetooth TWS solution



## MK9 AX

VOICE RECOGNITION | A.I SPEAKER SYSTEM



### 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°



Hi-Res AUDIO  
Made for iPod iPhone iPad  
AirPlay  
WiFi  
Bluetooth  
Spotify  
TIDAL  
vTuner  
Interact radio  
QPlay



Hi-Res  
AUDIO

#### Support lossless 24Bit 192Khz high definition audio source

The pursuit of the HD audio is becoming more and more popular. Most of the multimedia devices and the streaming services can support the HD audio. But the Bluetooth speakers can't reproduce the real Hi-Fi sound. So LANCHIYA® R&D team would like to develop an advanced Wi-Fi solution to help the Wi-Fi speakers reproduce the 24bit 192kHz lossless HD audio. So the details of the sound can be perfectly presented.

#### 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)

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.

#### E.A.I™ (Electronics & Acoustics Integration Design)

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.

#### 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 35 years. We design, develop, research, and produce every speaker unit from beginning to the end to guarantee perfect quality control.

**MK2BT / MK2 WF / LS150**  
All in one type / Dimension 350 x 160 x 117 W.D.H

**MK5 / MK5 TWS**  
All in one type / Dimension 85 x 85 x 241 W.D.H

**MK7 / MK7 TWS**  
All in one type / Dimension 125 x 175 x 158 W.D.H

**M2 / M2 TWS**  
All in one type / Dimension 134 x 198 x 190 W.D.H

**MD1 / MD2 / MD3 TWS**  
All in one type / MD1 Dimension 158 x 158 x 165 W.D.H  
All in one type / MD2 Dimension 215 x 80 x 90 W.D.H  
All in one type / MD3 Dimension 80 x 90 x 85 W.D.H

**MK1 / MK3**  
All in one type / MK1 Dimension 215 x 67 x 103 W.D.H  
All in one type / MK3 Dimension 191 x 57 x 81 W.D.H

**M3 / M1**  
All in one type / M3 Dimension 191 x 57 x 81 W.D.H  
All in one type / M1 Dimension 215 x 67 x 103 W.D.H

**Eiffel TWS**  
All in one type / Dimension 71 x 71 x 92 W.D.H

**Hi-mini TWS**  
All in one type / Dimension 61 x 61 x 76 W.D.H

**Hi-mini2 TWS**  
All in one type / Dimension 71 x 71 x 94 W.D.H

**MK-mini / MK-mini AX**  
All in one type / Dimension 205 x 36 x 104 W.D.H

**CP1 / CP1 AX**  
All in one type / Dimension 58 x 58 x 183 W.D.H

**3W RMS x2**  
I.E.C STANDARD 1 Full-range + 1 Passive radiator x 2 (L,R)



Bluetooth TWS mini portable speaker Eiffel

**3W RMS x2**  
I.E.C STANDARD 1 Full-range + 1 Passive radiator x 2 (L,R)



Bluetooth TWS mini portable speaker Hi-mini

**5W RMS x2**  
I.E.C STANDARD 1 Full-range + 1 Passive radiator x 2 (L,R)

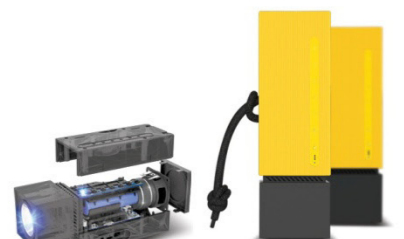


Bluetooth TWS mini portable speaker Hi-mini 2

**5W RMS**  
I.E.C STANDARD 2 Full-range + 1 Passive radiator



**5W RMS x2**  
I.E.C STANDARD 1 Full-range + 1 Passive radiator x 2 (L,R)



**IPX5** Waterproof  
100 lumen / 20 hours LED Lantern



**14W RMS**  
I.E.C STANDARD 2 Tweeter + 2 Mid-range + 1 Sub-woofer



**14W RMS**  
I.E.C STANDARD 2 Tweeter + 2 Mid-range + 1 Sub-woofer

**6W RMS**  
I.E.C STANDARD 2 Mid-range with passive radiator

**4W RMS**  
I.E.C STANDARD 1 Full-range with passive radiator



**6.5W RMS**  
I.E.C STANDARD 2 Mid-range + 1 Sub-woofer

**4W RMS**  
I.E.C STANDARD 2 Full-range

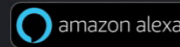


**4W RMS**  
I.E.C STANDARD 2 Full-range

**6.5W RMS**  
I.E.C STANDARD 2 Mid-range + 1 Sub-woofer

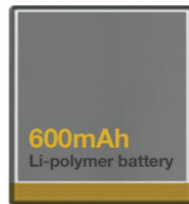
**WS1**  
Wearable Speaker | WS SERIES  
3W RMS I.E.C STANDARD 1 TFull-range

**WS1**  
Wearable A.I Speaker | ALEXA SERIES  
3W RMS I.E.C STANDARD 1 TFull-range



Ultrasonic wave drilling  
for adjustment hole

NFC  
Near Field Communications



microSD card slot and recharge port



Hands-free microphone

3mm stainless steel 3 loops design

Wide 24mm, thickness 1.8 mm & custom made zulu strap

1" Neodymium magnet full-range  
speaker driver unit

Power | Call answer | Refuse call

Amplifier main PCB board

Aluminium crown (volume control Knob)

LED signal

Mode & next | Previous (control music track)

Integration of Enclosure with Speaker driver unit and Passive radiator

**WS2**  
Wearable Speaker | WS SERIES



3W RMS I.E.C STANDARD 1 TFull-range



**X5 BT**  
All in one type / Dimension 190 x 190 x 219 W.D.H



23W RMS I.E.C STANDARD  
2 Mid-range + 1 Sub-woofer



8W RMS I.E.C STANDARD  
2 Mid-range + 1 Sub-woofer

**A4 BT**  
All in one type / Dimension 190 x 165 x 170 W.D.H

**Hi-pig TWS**  
All in one type / Dimension 192 x 158 x 176 W.D.H



16W RMS I.E.C STANDARD  
2 Tweeter + 2 Mid-range + 1 Sub-woofer



8W RMS I.E.C STANDARD  
2 Mid-range + 1 Sub-woofer

**KT1 BT**  
All in one type / Dimension 186 x 158 x 170 W.D.H

**AIPR BT**  
All in one type / Dimension 165 x 158 x 185 W.D.H



16W RMS I.E.C STANDARD  
2 Tweeter + 2 Mid-range + 1 Sub-woofer



10W RMS I.E.C STANDARD  
2 Mid-range + 1 Sub-woofer

**Q7 BT**  
All in one type / Dimension 195 x 158 x 167 W.D.H

**ET3 BT**  
All in one type / Dimension 160 x 160 x 143 W.D.H



6.5W RMS I.E.C STANDARD  
2 Mid-range + 1 Sub-woofer



19W RMS I.E.C STANDARD  
2 Mid-range + 1 Sub-woofer

**X1 BT**  
All in one type / Dimension 178 x 435 x 175 W.D.H

THANK YOU