



LB-acoustics Messgeräte GmbH

11/14/2018

update 005

## Web-Shop to order MYSHERE 3:

Deliveries of Mysphere 3 started in May 2018 in the sequence of the pre-orders received earlier.

MYSHERE homepage is upgraded by a web-shop now:

[www.mysphere.at/shop](http://www.mysphere.at/shop)

- The web shop can be used now as easy tool to order MYSHERE 3.
- The price for the Test-Set to borrow, is now reduced to €100,- net. If the MYSHERE 3 can convince our customer and he choose to buy within the next 2 months, we will deduct the total rental cost from the purchase price.

## We are happy and proud to announce further test reports about LB-acoustics and MYSHERE 3:

detailed to read:

[Café Digital](#)  
[Mysphere on YouTube](#)  
[hifitest](#)  
[The Audiophile Man](#)  
[Musicalhead](#)  
[Mono & Stereo](#)  
[LowBeats](#)  
[Headfonia](#)  
[Sempre audio](#)

happy to read comments from customers like this:

*„Der LB-acoustics MySphere ist meine neue persönliche Referenz für dynamische Kopfhörer!“ = „The LB acoustics MySphere is my new personal reference for dynamic headphones!“*  
*“... Finally, I would say the Mysphere is perhaps the most neutral and natural-sounding headphones I've ever heard!”*

more links at [www.mysphere.at](http://www.mysphere.at)

## EDITORIAL



Dear friends of headphones:

This newsletter gives information about the status of product development, market and production of headphone MYSHERE 3

Notes includes:

- Web-Shop for MYSHERE 3 started
- Further test reports
- LB-acoustics to extends production capacity of MYSHERE 3
- MYSHERE at the KLANGBILDER + AUDIOVISTA show
- Story of MYSHERE 3 “why it is as it is”

Yours truly,

Heinz Renner  
Helmut Ryback

## LB-acoustics extends the production capacity for HIGH END headphones MYSPIHERE 3



- LB-acoustics, with production site in Vienna, active for 40 years in the professional acoustic and vibration measurement technology, extends the manufacturing capacity of the MYSPIHERE 3.
- This completely open unconventional headphones are handcrafted there in the small but fine manufactory.
- The completely open listening experience can also be experienced on site in a new special designed listening room and delight enthusiasts of good music. Numerous other uniqueness's as well as the extraordinary design will be explained to interested customers.
- A novelty is the production of the split membrane made of glass / air / resin which is produced by a local compact robot.



### **MYSPIHERE at KLANGBILDER + AUDIOVISTA show**

- The next closest shows where you can enjoy listening to MYSPIHERE are:
- KLANGBILDER:  
16<sup>th</sup> -18<sup>th</sup> November 2018  
Arcotel Kaiserwasser VIENNA
- AUDIOVISTA:  
24<sup>th</sup> - 25<sup>th</sup> November 2018  
Mercure Hotel KREFELD-TRAAR
- MYSPIHERE 3 will be presented in closed rooms and with great amplifiers like RIVIERA, WOO, PALTAUF, LAKE PEOPLE



### The "Story of Mysphere"

Or "**why it is as it is**": (to be continued)

*This section of the Newsletter explains the reasons for the construction and design in more detail.*

#### ❖ **The patented single sided electric symmetric connection:**



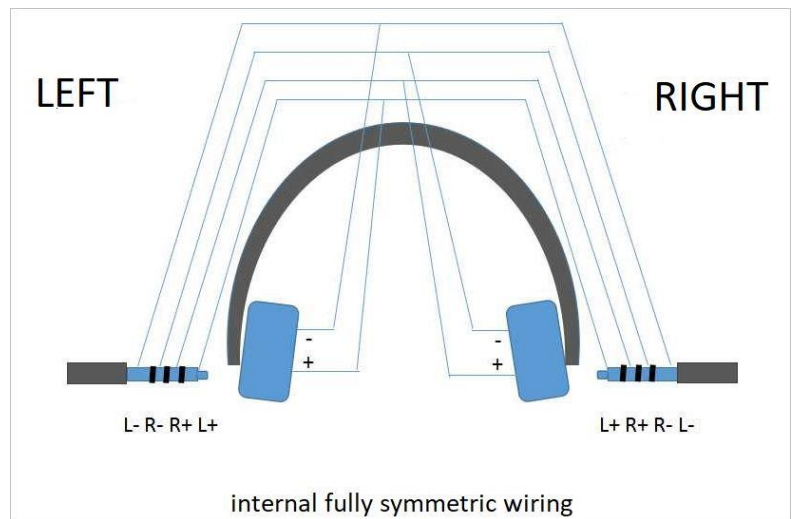
*MYSPIHERE 3 uses the very different head-bow to wear the headphone and the drivers "SOUNDFRAMES" without pressure over or on the ear.*

*This require less physical tension by the cabling to enjoy the wearing comfort and sound performance.*

*(see details next page)*

- One major requirement and sometimes underrated is the **required fully symmetric connection** including exact equal wire length for left and right channel to reach true high-end sounding headphones.
- To get optimal **reduced “microphonic – effects”** the head-bow is chosen as ideal part to connect the wires.
- To **reduce the mechanic tension force** from the wiring and do not release it to the “SOUNDFRAMES” the end of the head-bow is an ideal area to click on as well.

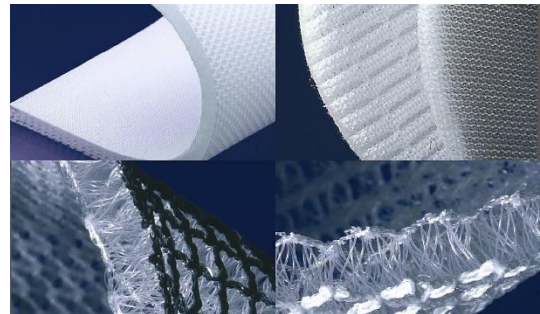
All these demands are formulated into one patented detail of MYSHERE 3 which describes the unique fully symmetric single sided head-bow connection. (see scheme beside)



#### ❖ The cushions:

**One major target for the development of MYSHERE 3 was to avoid plastic foam materials. This is because of critical performance towards long lasting-ness of those materials in general.**

- To find the best compromise between sound permeability, durability over many years, comfort and cleanability, a so called “3-D Mesh” known in the automotive industry was found.
- It is capable not alone the pure requirements described above, it offers directive depended sound permeability as well and helps to boost requested frequencies if applied correct.



#### ❖ The 3-D acoustic resistive part:

**Each headphone of even speakers uses resistive parts in the design to dampen the sound flow pneumatically. However, most materials are either non-durable over time, or too frequency depended, or not uniform over the production.**

- MYSHERE 3 is using a unique plastic part specially developed to overcome those problems with one single part surrounding the driver. It is machined by 3-D printing. A patent is applied for this invention.

Further upcoming events in other countries will be updated soon  
MYSHERE will be available at dealers as well. More details will follow