

Ukrainian startup that has developed an innovative sound system is looking for distributors or sales representatives for its products

- **SCHEDA**
- **APPROFONDIMENTI**

Identificativo proposta: BOUA20210922001

RICHIEDI MAGGIORI INFORMAZIONI

Ukrainian start-up is an innovative SME that has developed a new generation of speakers, which have precise and natural sound with the 360 Reality Audio effect. The speaker system is made in an innovative and environmentally friendly style using coconut shell and polymer concrete. The SME is looking for distributors and sales representatives for its products.

Ukrainian start-up is an innovative SME that has developed a new generation of speakers that has precise and natural sound with the 360 Reality Audio effect. 360 Reality Audio effect is a technology that enhances sound quality for a vivid listening experience and creates the feeling of being in a live concert. The SME has developed the concept of physically variable high fidelity acoustics, capable of providing high-quality sound in a wide variety of rooms conditions, while simulating the effects of binaural perception. It is a new generation floorstanding speaker package that includes a speaker system and an amplifier. This is the first unique premium acoustics with a polymer concrete and coconut endocarp enclosure, generating a high quality diffuse sound field. Its oval body, solid as a stone, is the guarantee of deep, precise and powerful bass. In addition, the system received an amplifier of its own design, in which 4 amplifiers per channel are provided. The developers have chosen a variant of a cascade amplification circuit with deep negative feedback. At the same time, the amplifier and acoustics represent an integral, calibrated system, the functioning of the elements of which is impossible separately. The concept of a digital amplifier is far to be innovative, however, the technologies are being developed, providing the most sophisticated solutions. Ukrainian SME implements these improvements, backing them up with an uncompromising classic approach specific to design of medical and military devices – going through details of each system element or node with the use of the best components. The acoustic system comprises of high power loudspeakers enclosed in housings. They are energy-consuming, however, power block unit with a power of 8 kW, that supplied with the system, does cover such additional needs completely. Such a power block does not require stabilization that drastically increases the sound quality. Ukrainian SME uses the highest levels of input voltage that provide the maximum signal amplitude up to 180V – this is the key to lowest possible sound distortion plus the maximum dynamic range up to 128dB. To ensure the system with the necessary pulse energy they use an expanded array of high-voltage capacitors with total energy more than 150J that is matched by four hundred of high-quality capacitors with resistance in thousandths of an ohm both in power-supply or filtration circuits on each of eight amplifiers. Since the cost of production is quite high, Ukrainian SMEs see the typical user of their products as an innovative recording company, or organizers of concert halls, etc. Given the narrow specifics of users, the company seeks to find a distributor or sales representative who can help find new customers in the European market.

Riferimento Esterno: BOUA20210922001

Tipo: Business Offer

Paese: Ukraine

Presentazione: 23/09/2021

Ultimo aggiornamento: 19/10/2021

Scadenza: 20/10/2022