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Leading Japanese Electronics Brand JVC Selects WBD101 Mogo™ for New AI-Enabled Sleep Earbuds

JVC, the renowned Japanese audio and consumer electronics brand launched the new E18T sleep earbuds powered by Well Being Digital (WBD101) Mogo™ technology. Designed for comfortable overnight wear, the JVC E18T integrates advanced sleep monitoring, detailed sleep reports, and over 30 sleep-assistance sounds and white-noise options.

JVC E18T Sleeping Earbuds with WBD101 Mogo™

JVC, the renowned Japanese audio and consumer electronics brand with nearly a century of innovation and a long-standing heritage in headphones, personal audio, home entertainment, and professional sound solutions, has launched the new E18T sleep earbuds powered by Well Being Digital (WBD101) Mogo™ technology. As consumers place increasing emphasis on sleep quality, stress management, and overall wellness, leading global brands are recognizing the growing opportunity in intelligent sleep hearables. Industry projections suggest worldwide demand for sleep-focused earbuds could reach approximately 15-16 million units annually by 2026, making sleep audio one of the fastest-growing segments within the hearables market. JVC's adoption of Mogo™ further reinforces WBD101 position as a leading sleep technology solution in combining advanced sleep monitoring, sleep assistance, AI capabilities, and consumer audio experiences in a single wearable device.

Designed for comfortable overnight wear, the JVC E18T integrates advanced sleep monitoring, detailed sleep reports, and over 30 sleep-assistance sounds and white-noise options. Users can enjoy up to 8 hours of battery life in sleep mode and up to 40 hours with the charging case. Beyond sleep, the E18T incorporates access to five leading AI models, including DeepSeek, Doubao (豆包), Qwen (千问), ERNIE Bot (文心一言), and iFlytek Spark (讯飞星火), enabling AI chat, real-time translation, meeting transcription, AI-assisted content creation, image generation, personalized audio tuning, and earbud location services. The result is a new class of intelligent hearables that seamlessly blend sleep wellness, productivity, and AI-powered convenience.

"WBD101 Mogo™ has become the leading sleep algorithm platform for earbuds by helping brands translate sleep science into products consumers can use every night," said Wallace Wong, Co-Founder and CTO of WBD101, https://www.linkedin.com/in/wallace-wong-4157531/, "The JVC E18T demonstrates how sleep monitoring, sleep assistance, and advanced AI services can co-exist within a single wearable device. We believe sleep-centric hearables will become one of the most important growth categories in consumer electronics as users increasingly expect their earbuds to improve well-being, not just deliver audio. The launch also

highlights a broader shift in the industry. Earbuds are evolving from audio accessories into intelligent personal companions capable of supporting healthier lifestyles and more personalized user experiences".

"Consumers are looking for wearables that deliver measurable value throughout the day and night," said Kow Ping, Co-Founder and Executive Director of WBD101, https://www.linkedin.com/in/kowping/, "As the market leader in sleep algorithms for earbuds, WBD101 Mogo™ enables brands to deliver clinically inspired sleep insights while providing a platform for AI-powered innovation. The adoption of our technology by brands such as JVC demonstrates the growing demand for intelligent sleep hearables and validates the long-term potential of this category".

As adoption accelerates, WBD101 continues to expand the capabilities of the Mogo™ platform beyond sleep tracking and sleep assistance. Future developments will incorporate enhanced sensing technologies, deeper sleep analytics, and additional physiological and vital-sign monitoring capabilities, enabling brands to bring more differentiated wellness products to market.

For earbud brands seeking to enter or strengthen their position in the sleep audio segment, WBD101 Mogo™ offers a proven platform that helps accelerate product development, reduce time-to-market, and deliver next-generation sleep and wellness experiences. The success of products such as the JVC E18T demonstrates that sleep-focused hearables are no longer a niche category, but a rapidly growing opportunity for brands looking to lead the future of intelligent audio.

The JVC E18T is available on Taobao:
https://e.tb.cn/h.8Bkh6KgLPfoceEm?tk=bTafTq41uVT

Contact Well Being Digital Limited (WBD101)
Unit 212, 2/F, 1 Hong Kong Science Park East Ave, Shatin HK
+85235719877
Email for more information at salesint@wbd101.com
Wechat: ping21969

About Well Being Digital (WBD101)

Founded in 2012, WBD101 is a Hong Kong based company whose first patents are dated back to 2008, incubated by the Hong Kong Science and Technology Parks Corporation (HKSTP), it has teams in Hong Kong SAR, Shenzhen China and Singapore to provide very timely support to B2B customers during their product designs, testing and production stages. WBD101 provides Optical Designs (OpticalFusion) and Health-Sensing Algorithm (ActivHearts and Mogo) to earbuds / smartwatches / screenless bands / rings looking to add very accurate vital sensing, it also co-develops Bluetooth SDK with brands to enable optimized Bluetooth IC resources. WBD101's technology has been licensed by several consumer earbud brands and many others in the Fitness/HealthTech/MedTech space.

Over the years, WBD101 won numerous international awards including the Best Wearable Mobile Tech Awards at the Mobile World Congress 2016, Special & Gold Awards at the 43rd Geneva Inventions Conventions, 2016 WITSA Global ICT Award, the inaugural HK City I&T Grand Challenge Innovation Award in 2022 and the 2025 EE Innovation R&D Award (Most Promising Product). Visit https://www.wbd101.net/blog

About JVC

https://www.jvc.net/