
JVCKENWOOD Provides Radio Systems to the German Team in the Bridgestone World Solar Challenge 2025

Team Sonnenwagen Aachen, Composed of German University Students, Finishes Fourth

JVCKENWOOD Deutschland GmbH (JKDE), the German sales company of the JVCKENWOOD Group and a partner of Team Sonnenwagen Aachen, a German university student team, supported the team that competed in the Bridgestone World Solar Challenge 2025 (BWSC), the world's premier solar car race held in Australia from August 24 to 31. JKDE provided the radio systems to the team and also offered technical support throughout the event. The team achieved a strong fourth-place finish in this year's competition.



Solar car of Team Sonnenwagen Aachen (Left) & NX-1000 Series radio system being used in actual races (Right)

The BWSC is a prestigious event where young engineers from around the world compete with various solar-powered cars, traversing approximately 3,000 kilometers across the Australian continent over the course of about five days. The development of these solar cars requires knowledge across multiple scientific disciplines, including aerodynamics, electrical engineering, and electronics, making the BWSC a globally recognized platform for cultivating engineers beyond traditional field boundaries. The JVCKENWOOD Group shares the vision of nurturing the next generation of engineers shaping the future, and supports the race, which pushes the limits of technological innovation through sustainable electric vehicles powered by solar energy.

Team Sonnenwagen Aachen is composed of students from RWTH Aachen University and Aachen University of Applied Sciences in Germany. JKDE has supported the team since their second participation in the BWSC in 2019 by providing radio and video equipment. This year marks the team's fourth appearance at the BWSC, where, as in the previous race, they competed in the Challenger Class, which is based on total elapsed time.

JKDE provided the team with the NX-1000 series radios, designed to ensure stable communication even under the challenging conditions of the race, along with technical support for the radio systems and wireless communications. JKDE contributed to the team, which finished fourth in this year's competition.

About NX-1000 Series radio system

The NX-1000 series radio system is highly regarded for its excellent reliability and clear audio quality, making it a best-selling model among KENWOOD's overseas professional radio systems. In addition to conventional FM analog mode, the system includes models compatible with digital modes such as DMR*¹ and NXDN™*², catering to a wide range of needs. Since 2023, this system has been adopted by Team Sonnenwagen Aachen, providing stable communication even in harsh environments.

*¹ Digital Mobile Radio, an international standard for digital radio communication.

*² A communication protocol for digital professional radio systems for the private market, jointly developed by JVCKENWOOD Corporation and Icom Inc.



NX-1000 Series Mobile (Left) & Portable (Right)

The World Solar Challenge is a solar car race where the competitors traverse about 3,000 km from the northern city of Darwin to Adelaide in the southern part of Australia in a solar-powered vehicle for about five days. The race has been held once every two years since 1987, marking the 17th event this year. There are three classes: Challenger Class, which determines the fastest solar car in the world; Cruiser Class, which competes in practicality; and Explorer Class, a non-competitive class that provides an opportunity to have fun. More than 40 teams, including university students from around the world, drive across the vast Australian continent. The racing hours are limited to between 8:00 and 17:00. Each team spends the night camping in the vast desert, which adds a survival element to the event.

* JVCKENWOOD is not an official partner of Bridgestone World Solar Challenge 2025.

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