

JVCKENWOOD Corporation

March 22, 2023

Proposing solutions for professional digital radio communications system utilizing the Group's technology.

JVCKENWOOD Exhibits at IWCE 2023 (International Wireless Communications Expo 2023)

Exhibiting flagship model VIKING VP8000 series compatible with tri-band^{*1} and two digital radio standards^{*2}

JVCKENWOOD Corporation (JVCKENWOOD) will exhibit at IWCE 2023 (International Wireless Communications Expo 2023), the world's largest exhibition and business conference for professional radio communications equipment/systems, to be held in Las Vegas, USA, from March 29 (Wednesday) to 30 (Thursday).

The JVCKENWOOD booth will feature the KENWOOD VIKING VP8000 series, the flagship model of professional digital two-way radio that supports tri-band^{*1} capability and two digital radio standards^{*2}, as a new product that will lead to growth and expansion of the company's communications systems business, primarily for the North American mission-critical market.

JVCKENWOOD offers professional digital radio system solutions for the mission-critical market (law enforcement, fire, and emergency medical services), lifelines (electricity, gas, and water), and social infrastructure and enterprise markets through JVCKENWOOD USA Corporation, the U.S. sales subsidiary, and EF Johnson Technologies, Inc. (U.S.A.), the subsidiaries in the communications systems business. The Group's subsidiaries will propose digital radio system solutions for professional use by leveraging the Group's collective corporate strength.

*1. VHF/UHF plus three frequency bands of 700-800 MHz.

*2. P25 (a digital radio standard developed for the public safety market in the U.S.) and DMR (an abbreviation for Digital Mobile Radio, the international standard for digital radio).



Conceptual image of JVCKENWOOD booth

Main Exhibits (JVCKENWOOD Booth: No. 1851)

1. VIKING VP8000 series: Flagship model of professional digital radio (new product)

The VIKING VP8000 series is the new flagship model of professional digital two-way radio mainly targeted at the North American mission-critical market. In addition to a strong and robust platform, it supports tri-band^{*1} operation and two digital radio standards^{*2}. A single radio can interoperate with law enforcement, fire, and emergency services, as well as schools and other private security services.



VIKING VP8000

2. Trunking 2.5 System: Simple setup with highly efficient operation (reference exhibit)

The Trunking 2.5 system is newly developed for markets related to lifelines (electricity, gas, and water), public services (cleaning, maintenance, and security), municipal transit, and schools and education. The Trunking 2.5 system is a proprietary based on the DMR standard widely used in the market, which allows for simple setup and highly efficient operation.

3. KAIROS digital repeater: main model of Radio Activity s.r.l.

The KAIROS digital repeater, manufactured by Radio Activity (Italy), which is currently on sale in the U.S. market, is the core of the system that supports the DMR standard and enables efficient communication. In addition to supporting the simulcast communication method, which is highly evaluated by the market, it delivers superior reliability required for commercial use. JVCKENWOOD proposes solutions combined with the company's wide range of radio equipment.

4. NX-1700/1800: In-vehicle digital two-way radios with a lineup of DMR- and NXDN™-compatible radios

The NX-1700/1800 are the mass-market models of the in-vehicle digital radio for the commercial market, featuring a lineup of DMR-compatible and NXDN™-compatible radios. Also exhibiting the NX-1200/1300, the mass-market models of portable digital radio.



NX-1700/1800

5. NXR-1700/1800: Digital repeaters with a lineup of DMR- and NXDN™-compatible radios

The NXR-1700/1800 are the digital repeaters for the commercial market, featuring a lineup of DMR-compatible and NXDN™-compatible radios. The NXR-1700 is a VHF model and the NXR-1800 (reference exhibit) is a UHF model. Frequency variations will continue to be expanded in sequence.



NXR-1700/1800

Outline of IWCE 2023

Name : IWCE 2023 (International Wireless Communications Expo 2023)
Dates : Mar 29 (Wed), Mar 30 (Thu)
Venue : Las Vegas Convention Center (North Hall) (Las Vegas, Nevada, USA)
Official URL : <https://iwceexpo.com/>

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