

XWJ2-CR



CONFERENCES
& MEETINGS



STATE
PROTECTION
GOVERN-
MENTAL
BUILDINGS



CORPORATE
HEAD-
QUARTERS



CEO/VIP
OFFICES



MADE IN
GERMANY



The new **XWJ2-CR | CONFERENCE ROOM JAMMER** is a digital wideband jammer developed by unival group and manufactured in Germany for conference rooms, corporate headquarters, CEO offices and similar spaces in information-sensitive environments. The XWJ2-CR offers exceptional interference efficiency, an intuitive programming interface, automatic software algorithms and many other features.

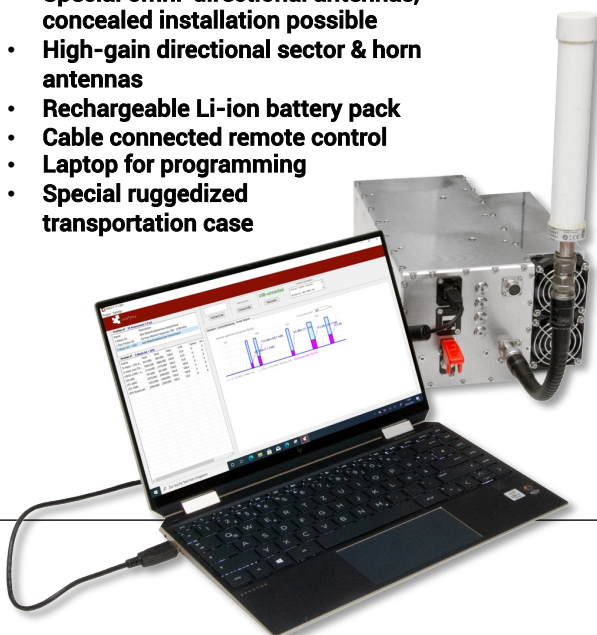
The **XWJ2-CR** can be used as a portable or stationary system, and with various antenna and amplifier options. Due to its small size, hidden interference applications are also possible. Due to its frequency accuracy and dedicated interference programs, no other sources will be disturbed or interrupted outside the effective range.

FEATURES

- HF-shielded Aluminum case
- Combined active & passive silent cooling system
- Special high-gain antennas
- Portable and quick deployable
- Modular design, extendable & future proofed
- Digital system, with programmable frequencies, jamming modes, output power and other parameters
- 4 pre-configurable quick buttons (jamming programs)
- Intuitive software, with automatic optimum settings of the according hardware
- Automatic system status monitoring (temperature, output power, VSWR, etc.)
- Band-selective jamming for maximum performance
- Exchangeable & rechargeable battery packs with battery management
- High-end FPGA-4-CHANNEL DDS chipset

ACCESSORIES

- Special omni-directional antennas, concealed installation possible
- High-gain directional sector & horn antennas
- Rechargeable Li-ion battery pack
- Cable connected remote control
- Laptop for programming
- Special ruggedized transportation case



TECHNICAL SPECIFICATIONS

JAMMING TYPE	DDS-based FPGA-controlled jamming
DIMENSIONS (LXWXH)	300x205x135mm
WEIGHT	Max. 7.5kg, depending on amplifier configuration & cooling system
POWER	220V to 24-48VDC, 50-60Hz
BATTERY PACK (OPTIONAL)	Li-ion 10 Ah or 20Ah, other battery configuration upon request
OPERATING TEMPERATURE	-30 to +60°C
STORAGE TEMPERATURE	-40 to +60°C
FREQUENCY COVERAGE	20MHz to 7.2GHz, configured according to customer's specific requirements
ANTENNA TYPE	Omni-directional or directional antennas
OPERATION TIME	Shore power: continuous, 24/7 Battery; 1-4h, depending on battery pack type (@10Ah for ca. 1.5h)
ENVIRONMENTAL PROTECTION	Compatible to MIL-STD 810 (humidity, dust, shock & vibration)

PROGRAMMABLE JAMMING MODES

- **SWEEPING PER CHANNEL** | programmable start/ stop frequency, programmable modulation via ICW (In Channel Walking), sweeping speed from 16 Nano seconds up to 0.1 second to sweep through all frequency bands, programmable output power for fine-tuning of the input signal). ICW see also page 3 and 6.
- **HOPPING** | programmable start/ stop frequency, programmable modulation, hopping speed from 16 Nano seconds up to 0.1 second to sweep through all frequency bands, programmable hopping channel raster, programmable output power
- **BARRAGE** | DDS simulated barrage with full signal in the whole band)
- **SPOT** | (programmable start/ stop frequency, programmable bandwidth, programmable output power
- **CHANNEL RASTER** | programmable channel ranking, programmable speed, programmable modulation/ ICW - In-Channel Walking
- **PROGRAMMABLE STEP-SIZE IN ALL JAMMING MODES** | modulation from $\leq 3\text{KHz}$ up to 3.2GHz

