

# NIROS TRX 5004 & TRX 5016

– robust radio for customized communication



**NIROS TRX 5004/5016 is a state-of-the-art radio with focus on versatility and user friendliness. It covers all frequency bands and has programmable keypad and user interface. The numerous setup possibilities makes it the ideal choice for many sectors.**



**NIROS**

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# NIROS TRX 5004 & TRX 5016

## – robust radio for customized communication

### Strong design in robust materials

NIROSTRX 5004/5016 is strongly designed in many ways. The radio offers a wealth of freely programmable functions, is designed in the most durable materials, and has been tested for resistance to moisture, impact and vibration. Additionally, the radio is designed to stand even very rough use.

### Customize configuration to meet your needs

An intuitive menu structure and programmable keypad make NIROSTRX 5004/5016 easy to use – even when used under pressure.

The radio is available with 4 or 16 buttons and can be freely configured to fulfil your needs. Further, it has a large PTT button and an accessory connector on the sides. The top of the radio is equipped with a programmable alarm key and function key, a red/green LED to indicate the transmit/receive status, and two rotary knobs, which can for example be used as “multi-choice” knobs or channel selectors.

### Easy to operate – under any conditions

The keypad buttons and large backlit graphic LED display, with its easily read numbers, letters and icons, make the radio exceptionally easy to use under any working conditions.

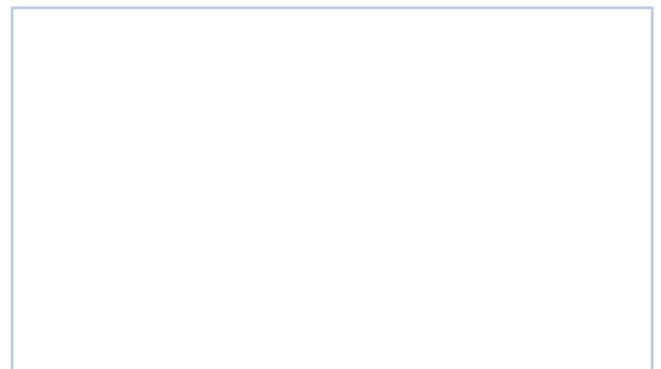
### High reliability – long durability

NIROSTRX 5004/5016 offers exceptional reliability and durability, and has been tested in accordance with the strictest market requirements and standards. This makes the NIROSTRX 5004/5016 the obvious choice for many sectors, including fire and rescue services, utility companies and the transport sector.

### Technical specifications:

Frequency range:	UHF: 403 – 470 MHz 2m: 146 – 174 MHz
Modulation:	Programmable FM/PM
Number of channels:	999 simplex, semi-duplex, reverse frequency
Channel spacing:	12.5/20/25 kHz, programmable per channel
RF power output:	Programmable per channel in three steps, 0.1-5 W
Tone systems:	CCIR, ZVEI, EIA, EEA, DTMF, CTCSS or DCS
Adjacent channel selectivity:	EN 300 086 and EN 300 113
Receiver sensitivity:	UHF: Better than 114 dBm. 0.45 uV EMK 12 dB SINAD 2m: Better than 116 dBm. 0.35 uV EMK 12 dB SINAD
LF output power:	400 mW
Battery:	Li-Ion battery
Battery capacity:	1750 mAh
Operating time (5/5/90):	1 W: 12 hours, 2 W: 10 hours, 5 W: 8 hours
Dimensions:	130 x 60 x 35 mm (H x W x D), incl. battery
Weight, incl. battery:	385 g
Tightness:	IP65 (dust and water)
Temperature range:	-20° C - +55° C (during use)
Standards:	EN 300 086-2, EN 300 219-2, EN 300 720-2, EN 301 178-2, EN 301 489-5, EN 60 950, IEC 60 529 (IP65), EN 50 014, EN 50 020, EN 61 241-0, EN 61 241-11

For more information, contact your local NIROS dealer:



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NIROS Communications A/S is a leading supplier of advanced voice and data solutions for professional users within industries, utility and public safety & emergency and emergency services. At any time we endeavour to acquire a modern and customized variety of products in the forefront of design, quality and innovation.