



The Halo Atex UHF Radio is a compact and full featured UHF radio that is specifically designed for hazardous environments.

It features all frequency bands communication and a user configurable interface.

Features:

- Choose between 4 and 16 key versions.
 - Easy to use (even while wearing gloves)
 - Backlit Display
 - Excellent Legibility
 - Large, user friendly PTT button.
 - Accessory sockets
 - Programmable alarm key alarm / function key
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- LED (red – green) indicates send – receive status
 - Dual Rotary knobs (configurable as multi choice knobs or as channel selectors)
 - Programmable user interface - The Halo Atex UHF Radio has a simple is menu structure that allows keys to be customized.
 - One radio for the whole frequency band - available with several frequency bands – both UHF and 2m
 - Advanced tone systems – DCS – CTCSS and others
 - Highest ATEX classification.
 - Radio and battery are certified for gas and dust and can be used in ATEX environments without carrying case.
 - Possible to change the battery in ATEX environments.

Note: Halo Security also offer a range of different head gear (boom mics, throat mics), suits and breathing apparatus to suit environment and application constraints.

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, 0.1-2 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, ½ EMK 12 dB SINAD 2m: Better than -116 dBm. 0.35 uV, ½ 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
Dimensions:	130 x 60 x 35 mm (H x W x D), incl. battery
Weight, incl. battery:	400 g
Classifications:	II 2G EEx ib IIC T4 (gas) EEx ibD 21 T135° C IP65 (dust)
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