Birdy WP $\langle Ex \rangle$

ATEX POCSAG pager

This ATEX version of the **Birdy WP** is intended for use in potentially explosive atmospheres (ATEX – Directive 94/9/EC).

Birdy WP $\langle Ex \rangle$ is available in many frequency ranges VHF, UHF in synthetized version.

Very robust, **Birdy WP** $\langle Ex \rangle$ has also a strong resistance to water splashing, dust and bumps and offers high performance features such as long battery life (up to 2000h), IP67 protection rate, enhanced sensitivity, user friendliness and ergonomic programming software enabling software and firmware updates.

Birdy WP $\langle Ex \rangle$ is the perfect pager to be used in the most difficult environements.

General
- The display is a LCD 4x20 characters
- Size : 62x28mm
- Resolution : 120x32
- Backlight : 2 LEDs

Environmental
- Operating temperature range : -18°C to +50°C
- Operating humidity range : 5-95% non condensing
- Storage temperature range : -20°C to +70°C
- Water resistance: IP67

Battery
- Battery type: Alkaline type AA-1.5V (Energizer E91 or Duracell MN1500)
- Battery life: +/-3900 hours approximately

Dimensions – Weight
- Dimensions (excluding belt clip): H63 x W84,5 x D23.5mm
- Overall weight: 94g approx.
- Case: PC YH10

RF Specifications
- Frequency bands MHz: VHF and UHF
- Bandwitch : 8Mhz (VHF) ; 4Mhz (UHF)
- RF channel bandwidth: 25KHz
- Frequency stability: +/- 10ppm
- Modulation: NRZ
- Data rate: 512, 1200, 2400 Bps
- Sensitivity VHF band (512 Bps): -112dBm
- Selectivity: 65dB +/-25KHz
- Intermodulation rejection: >65dB

Standards Compliance
- Radio (R&TTE Article 3.2)
  EN 300 220-2 V2.3.1
  EN 300 220-1 V2.3.1
  EN 301 489-7 V1.3.1
  EN 301 489-1 V1.8.1
- EMC (R&TTE Article 3.1.b)
  EN 55022: 2006 +A1: 2007
  EN 55024: 1998 +A1: 2001+A2: 2003
- Electrical Safety (R&TTE Article 3.1.a)
  EN 60950-1: 2006+A1: 2010,
  EN 60950-11-5: 2004
- Environmental Directive 2002/95/EC RoHS
- Explosion protection IEC 60079-0: 2011 (BIRDY WPs ATEX)
- IEC 60079-11: 2011
- Marking II 3G Ex ic IIC T4 Gc