

Birdy WP

ATEX POCSAG pager

PRODUCT	REFERENCE
BIRDY WP Ex II 3G Ex ic IIC T4 Gc	BIRDYWEX (+ precise frequency)

Birdy WP Ex is an ATEX POCSAG receiver designed and manufactured by TPL Systèmes and is certified ATEX II 3G Ex ic IIC T4 Gc.

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

Birdy WP is available in many frequency ranges VHF, UHF in synthetized version.

Very robust, **Birdy WP** 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 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)
  EN300 220-2 V2.3.1
  EN300 220-1 V2.3.1
  EN301 489-7 V1.3.1
  EN301 489-1 V1.8.1
- EMC (R&TTE Article 3.1.b)
  EN55022: 2006 +A1: 2007
  EN55024: 1998 +A1: 2001+A2: 2003
- Electrical Safety (R&TTE Article 3.1.a)
  EN60950-1: 2006+A1: 2010,
  EN60950-11-5: 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