



# Birdy WPs r2

**POCSAG pager - 128 addresses - IP 67**

**Its durability and user-friendliness make the BIRDY WPs r2 the perfect POCSAG pager for many fields of activity.**



The **BIRDY WPs r2 128** is a POCSAG pager developed and manufactured by TPL Systèmes for the public safety markets.

The **BIRDY WPs r2 128** is the latest version of the WPs pager and features an increase in the number of RICs to 128 as well as multi-color backlighting for assigning a color to a RIC.

The **BIRDY WPs r2 128** has been designed for use in harsh conditions. Its reinforced construction results in a protection level that resists dust, unavoidable field operation incidents, and accidental submersion in water of up to 1 meter in depth.

The **BIRDY WPs r2 128** is made of robust mechanical and electronic materials, allowing the pager to reliably perform in various environmental situations.

The synthesized version of the **BIRDY WPs r2 128** is declined in more than 15 frequency bands (VHF and UHF).

**BIRDY WPs r2 128** is a new generation pager, with enhanced performances in terms of autonomy (2000 hours), sensitivity, waterproofness protection level (IP 67), user-friendliness thanks to an MMI, identical to BIRDY III ACK pager's.

**BIRDY WPs r2 128** can be configured through a programming kit operating on PC with a USB interface and an ergonomic customization software, which also allows the upgrade of software developments.

**BIRDY WPs r2 128** integrates a MIFARE RFID Tag enabling pager's identification, as well as automatic door opening management, for example.



## FEATURES

### Message Service Features

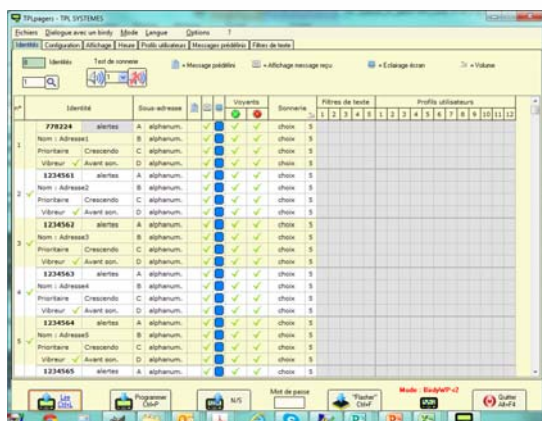
- 128 addresses, with for 4 sub-adresses by address
- Possibility of setting each address with a pre-defined message, a specific ringtone, a backlight color, etc...
- Receiving memory of 20 messages of 256 characters each, which can be read by the user and 64 additional messages that can be checked through PC connection, for a total of 84 messages.
- Possibility to edit all the messages timestamped in memory, through personalization software.
- Unread message alert
- 21 alert melodies
- Vibrate alert / Tone and vibrate /Vibrate then tone/ Silent mode
- Low battery warning
- LCD display up to 5 lines of 20 characters, RGB multicolor backlight, modifiable zoom
- Out of Range alert
- Partial Over-The-Air (OTA) programming

### General

- Powered by an alkaline cell or battery type AA –1,5V (+/- 2000 hours)
- Operating voltage : 0,9V minimum
- Languages: French, English, German, Spanish, Dutch etc...
- Weight: 96 grs (without battery) 120 grs (with battery)
- Dimensions : 84.5 x 63.5 x 23.5 mm
- Delivered with strap and plastic holster
- Operating humidity and temperature from –20°C to 60°C, 95% at 40°C
- Storage humidity and temperature from –20°C to 70°C, 95% at 40°C
- Alert siren : louder than 86 dBA 30 cm, freq. 2731Hz
- Dry contact for external output (alert siren remote control)

### POCSAG / FLEX Features

- Frequency : all frequencies within VHF, UHF upon request
- Channel spacing: 12,5KHz; 20/25 KHz
- Transmission speed : 512bps, 1200bps or 2400bps
- Modulation : NRZ
- Frequency deviation : +/- 4.5KHz
- Receiver sensitivity at 1200bps : 3uV/m
- Selectivity : 65dB +/-25KHz
- Inter modulation protection : > 65 dB
- Frequency stability :±10 ppm



Programming software

## ACCESSORIES RANGE



Plastic rigid holster



Charger



Cradle



Vertical holster, leather or nylon



Strap



Horizontal leather magnetic holster



Belt clip



Charger with antenna output