

PNC370

Push-To-Talk over Cellular



PTT over Cellular (PoC)

The PNC370 is a compact, easy to use LTE hand-held radio. Thanks to PTT over Cellular (PoC) it permits rapid voice communication and data transmission, as well as almost limitless connectivity in LTE mobile radio networks (3G/4G) & WiFi.

PMR advantages in broadband networks

Uses available broadband networks in the vicinity and has all the advantages of professional mobile radio at the same time: versatile voice calls as well as individual and group call, emergency call as well as quick call setup with good audio quality.

Maximum availability

Permits low cost and almost limitless communication anywhere with mobile 3G/4G radio coverage using a commercially available SIM card and a connection to the available WiFi networks. This combination ensures reliable communication via broadband also in larger building complexes.

Applications & versatile features

Ideal platform for a very wide range of application solutions. Pre-installed Android apps provide convenient PoC services. The apps already installed can be disabled or reactivated remotely using the dispatcher.

Technical Data PNC370

| General data | |
|------------------------|--|
| Dimensions (H x W x D) | 121 x 55.5 x 24 mm |
| Weight (with battery) | 185 g |
| Operating system | Android 5.1 |
| Processor | MSM8909, quad-core, 1.1 GHz |
| Memory | RAM: 512 M ROM: 4 GB |
| SIM card | Micro SIM |
| Display | 2.0", 320 x 240 pixels, TFT/non-touch |
| Connectors | Micro USB 2.0, 2.5 mm audio jack, dock charger interface |
| Operating voltage | 3.6 V (nominal) |
| Storage battery | 3100 mAh (Li-ion) |
| Battery service life | ≥ 18 h (5-5-90) |
| Audio power output | 1 W (nominal) 2 W (max) |
| Microphone | Dual mic noise suppression |

| Standard functions & frequency ranges | |
|---------------------------------------|-----------------------|
| LTE | FDD LTE: B1/3/5/6/7/8 |
| WCDMA | B1 |
| WLAN | 2.4 GHz, 802.11 b/g/n |
| Bluetooth | BT 4.1 |
| Localization | GPS/BDS/GLONASS |

| Environmental conditions | |
|--------------------------------------|--|
| Protection against dust and moisture | IP55 |
| Shock and vibration resistance | MIL-STD-810-G |
| Drop resistance | 1.2 m |
| ESD | IEC 61000-4-2 ±8 kV (contact) ±12 kV (air) |
| Operating temperature range | -20 °C to +60 °C |
| Storage temperature range | -30 °C to +70 °C |

All technical information was determined at the factory and in accordance with the corresponding standards. Subject to change on the basis of continuous development.



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SGS certificate DE11/81829313

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Encryption features are optional and require the device to be configured separately; they are also subject to German and European export regulations.

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