

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 (4G) & WiFi.

Platform for PoC support

With its PoC support and customizable applications based on Android the PNC370 is an ideal platform for a wide range of applications solutions. The apps can be disabled or reactivated remotely using the dispatcher.

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.

PMR advantages in broadband networks

Uses available broadband networks in the vicinity and has 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.

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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