

## PT350

TETRA handheld radio



### For entering the world of TETRA radio

The PT350 always stands up to the harshest environment and provides exceptional performances. A very-easy to handle and intuitive TETRA handheld radio which delivers superb audio quality no matter the working environment.

### Ultra-clear Audio Quality

With water-porting technology, any water that gets into the speaker cavity is drained out easily, ensuring audio clarity is maintained. Coupled with this is a patented microphone aperture design, which prevents any wind noise interfering with transmissions.

### Simple and Easy Operation

Thanks to its optimized keypad with larger keys, the PT350 is easier to use than other small radios. The keypad offers exceptional physical feedback when pressing keys even with gloves.

### OLED Screen

Its clear OLED display ensures visibility even in bright sunlight. Combined with the intuitive user interface It offers the easy navigation when quick reaction is required.

# Technical data PT350

Variants			
	Bluetooth	Man Down	GPS
PT350 (Basic)	No	No	No
PT350 (Specialized)	Yes	Yes	Yes

General data	
Frequency ranges	320 – 475 MHz 806 – 870 MHz
Dimensions (H x W x D) (with standard battery, without antenna)	123.5 x 55.5 x 32.5 mm
Weight (with standard battery and antenna)	280 g
Operating voltage	3.85 V
Battery (li-polymer battery)	3800 mAh
Battery service life (5/5/90 duty cycle)	> 22 hours (standard battery)

User interface	
OLED display	128 x 64 pixels, 1.3 inches
Call group number – TMO	12000
Call group number – DMO	6000
Phonebook	2000 contacts seven numbers per contact
Keys	<ul style="list-style-type: none"> <li>▪ four-way navigation keys</li> <li>▪ three context keys for intuitive menu interaction</li> <li>▪ two configurable feature-activation side keys</li> <li>▪ dual-color PTT</li> <li>▪ emergency key</li> <li>▪ volume control &amp; group selector</li> </ul>
Folder	200 (TMO) 50 (DMO)

Environmental conditions	
Operating temperature range	- 20 °C to + 60 °C (performance limited: -30°C to +70°C)
Storage temperature range	- 40 °C to + 85 °C
Relative humidity	ETS 300 019 (95 %)
Protection against dust and moisture	IEC60529, IP65, IP66, IP67, IP68
Shock and vibration resistance	MIL-STD-810 G, ETS 300 019-1-7 5M3, GJB150A

Radio characteristics	
Channel spacing	25 kHz
Transmitting power	1.8 W
Transmitting power accuracy	±2 dB
Receiver class	ETSI EN 392-2/396-2 class A & class B
Static receiver sensitivity	-116 dBm (typically -118 dBm)
Dynamic receiver sensitivity	-107 dBm (typically -109 dBm)

GPS	
GPS accuracy	≤ 2.5 m, CEP, 50%
Sensitivity	≤ -142 dBm receiving sensitivity ≤ -162 dBm signal tracking sensitivity
Time to first fix (TTFF)	< 30 seconds (cold start) < 1 seconds (warm start)

Connectivity	
Bluetooth support	for voice & data
USB support	for data

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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