

THOR1

TP9000^{EX}
HAND PORTABLE
INTRINSICALLY SAFE RADIO

HIGHLIGHTS

- T4 ATEX / IECEx
- Intrinsically Safe or explosion proof
- Marine standards
- SOLAS Compliant amendment II-2/10
- ON-board UHF
- **GAS Protection:**
ATEX: II 2 G Ex ib IIC T4
IECEx: Ex ib IIC T4
- **Dust Protection:**
ATEX: II 2 D Ex ib IIIC T110 °C
IECEx: Ex ib IIIC T110°C
- **Mining Protection:**
ATEX: I M2 Ex ib I
IECEx: Ex ib I
- 2 Watt Output TX
- 16 Hour Battery life
- IP67 (Submersible)
- CTCSS, 5-TONE, CCIR, ZVEI, EEA & EIA
- Man-down function
- 16 Channels



ACTUAL
SIZE



 TPRADIO

..... A SAFE WAY TO COMMUNICATE

TP RADIO HAND HELD RADIO FOR ATEX ENVIROMENT

THOR1 (TP9000EX) ATEX Intrinsically safe hand portable radio is a unique product which combines mechanical robustness and the latest state of the art radio technology. The high TX output (2 Watt) and long battery life (16-hours) makes this a highly competitive portable on the ATEX market. A hand portable radio with the user friendly design and danish developed high quality audio performance that TP Radio represents.

SPECIFICATIONS:

FEATURE	RP930/7EX
Band	VHF or UHF
Channels	16
Signalling	CTCSS
Keypad / Display	Non
Waterproof	IP67 (1 hour/1m)
Mandown	Built in
Alarm function	YES
Power Output	2 Watt
Channel Spacing	12,5 / 25 KHz
ATEX approval	T4
Battery	3000 mAh



The Radio is IP67 waterproof and can be used as the ultimate communication tool within chemical industries, fire brigades, emergency & rescue services, airports, off-shore industries, etc.

ATEX & IECEx certified.

Intrinsically Safe or explosion proof

GAS Protection: ATEX: II 2G Ex ib IIC T4 / IECEx: Ex ib IIC T4

II (Electrical equipment for explosive gas atmosphere other than mines) 2G (zone 1) Ex ib (intrinsic safety) IIC (hydrogen/acetylene max 2W) T4 (135°C max surface temp.)

Dust Protection: ATEX: II 2D Ex tD A21 IP6x ib D21 T110°C / IECEx: Ex ib IIIC T110°C

II (Electrical equipment for explosive gas atmosphere other than mines) 2D (zone 21) Ex tD (Dust) A21 (certified for dust zone 21 by IP rating) IP6x (IP rating zone 21) ib D21 (zone 21) T110°C (110°C max surface temp.)

Mining Protection: ATEX I M2 EX ib I / IECEx: Ex ib I

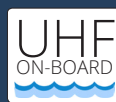
I (Electrical equipment for mines) M2 (For mines - De-energised) EX (Explosion-proof equipment) ib (intrinsic safety) I (Methane)

Fulfil the EN/IEC 60945 marine standards

the highest quality for on board safety communication equipment.

SOLAS compliance Chapter II-2.

UHF radio version fulfils the need of most configurations of the fire fighter outfits required under SOLAS regulations.



TP RADIO ACCESSORIES FOR ATEX ENVIROMENT

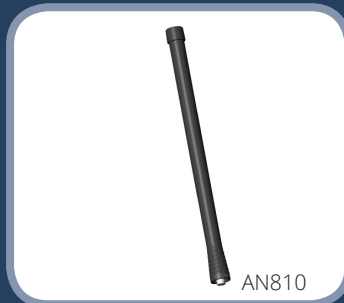
The accessories are products where the quality is equal important and combines mechanical robustness and the latest state of the art with a userfriendly design.

Batteries and Audio Accessories are all IP67 waterproof and specially designed for use in hazardous environments and it can be used within chemical industries, fire brigades, emergency & rescue services, airports, off-shore industries, etc.

The mentioned accessories are ATEX approved for use within petro / chemical enviroments.

ACCESSORIES:

DESCRIPTION	PART NUMBER
ATEX Battery	
High Capacity Li-Ion Battery 3000 mAh	BP930EX
Battery belt clip	BC810
ATEX Charger + Adapter	
ATEX Charger	BL910
ATEX Adapter for BL910	BL811
Attachment kit to built a multi charger	AK901
Multicharging x5	BL910/5
Carry Cases	
Leather case with clip for shoulder harness	BT930EX
Shoulder Harness for BT930	BT803
ATEX Audio Accessories	
ATEX approved speaker-microphone	HM930EX
ATEX approved external PTT for PELTOR	SW917EX
ATEX approved external PTT for SAVOX	SW916EX
Antennas	
UHF 1/4 wave antenna (approx. 17cm.)	AN809
UHF 1/4 wave antenna (15-17cm.) 400-470 MHz	AN809/1,2,3
VHF Helical antenna (approx. 17cm.) VHF 2m band	AN810
Service & Programming Devices	
Programming cable/adapter	PK930
Programming of radio (Frequencies, CTCSS, TONE, etc.	PP930EX



For safe operation in hazardous areas

We at TP Radio are manufacturers of a wide range of first-class professional radio communication equipment and accessories.

We have been in the market for more than 35 years and have provided innovative solutions.

We develop and manufacture Hand Held Radios (ATEX), Wireless Data Radio Modems, Mobile Radios, Base Station radios (system and repeaters), Mobile PC and accessories for the frequency range of VHF and UHF.

TP Radio products are market in more than 50 countries worldwide and from our production facilities in Denmark we supply both standard equipment and custom-made equipment, to work together in the best possible way in communication systems, where the demand are high quality and top performance, even under extreme conditions.



Conforms according to the Directives:ROHS, RED, MED & ATEX

Applied standards: EN 60945 EN 301.489, EN 300.086 & EN 300.720 (analog part)

Classifications: IP67 Waterproof / Exceeds MIL 810 c,d,e,f

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ELCA ACS srl

Specifications are subjected to change without notice.
Typographical errors are not binding.