

HAND MICROPHONE TPH 700 USER MANUAL

ART. NR. 999161



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1. INTRODUCTION

Hand microphone TPH 700 (“Speaker microphone”) is optional accessories of TETRAPOL system portable radio TPH 700 (Jupiter). It enables clear and comfortable voice communication via TPH 700 terminal. Speaker microphone TPH 700 has sophisticated acoustic and optical signalling functions and there is also additional function of a lamp. It is possible to connect external earpiece to the speaker microphone.

2. SAFETY INFORMATION

- Before starting of using the speaker microphone, read carefully this user manual.
- Do not try to open the speaker microphone. Unqualified opening may cause its damage. It does not contain any parts that could be replaced or fixed by the user. Unauthorized manipulation may lead to warranty cancellation.
- Use the speaker microphone in accordance with this manual. Connect only specified radio terminal and accessories.

3. PARTS LIST

- Speaker microphone TPH 700
- Earpiece S-94
- Textile bag
- User manual

4. PREPARING FOR OPERATION

Speaker microphone connection / disconnection to the radio

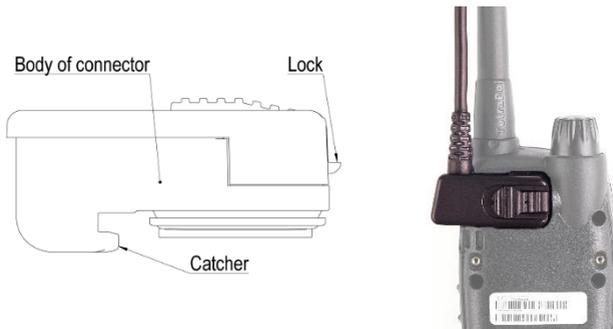
This product is designed for connection to rear TPH 700 radio connector.

Connecting procedure:

Put the catcher on the radio. Press connector body into the radio.

Disconnecting procedure:

Slide the lock and take the connector out of the radio, to disconnect connector.



Earpiece connection

Connector for the earpiece is on the side of the speaker microphone. First, open the rubber connector cover and then connect the earpiece. The earpiece must have 3.5 mm Jack connector.

5. SPEAKER MICROPHONE OPERATION

Transmit and receive calls

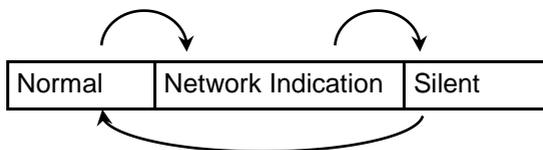
Press PTT button on the side of the speaker microphone to transmit the call and speak into the microphone. Set required volume on the radio to receive the incoming call.

Acoustic signalling

It is possible to select between three modes of PTT acoustic signalling and network indication for convenient radio operation. Various modes of acoustic signalling are activated by settings in the speaker microphone memory. Last set signalling mode remains when radio terminal is switched off and on again. Selected mode of acoustic signalling is indicated by appropriate number of tones by each switching on the radio with connected speaker microphone.

Table of acoustic signalling modes:

Mode	Mode indication after switching on	Mode characteristic
Normal	One beep	Short beep after pressing and releasing PTT.
Network Indication	Two-time beep	Beeps after pressing PTT and holds the tone until radio really starts the transmission in the network. There is also a short beep after releasing PTT. It is not recommended to use this mode (in radio silent mode) when the radio is in silent mode.
Silent	Three-time beep	Silent mode without any acoustic signalling.



Acoustic signalling settings:

1. Switch off the radio and connect Hand microphone to rear radio connector.
2. Press and hold PTT button on the hand microphone and switch on the radio. Hold PTT button until beep sound comes from the speaker. It sounds once, two or three times depending on actual signalling mode.
3. Switching to another mode follows by repeating that procedure. All three modes are switched consequently in cycles.
4. **Attention:** When the radio is in silent mode, use the speaker microphone in silent mode, too.

Optical signalling

Beginning of real transmission is indicated by red LED on front side of the speaker microphone. Real radio transmission indicated by red LED can start short time after pressing PTT due to busy radio network.

There is a yellow button on the top of the speaker microphone. It is possible to set button function by the producer in accordance with customer's requirements:

1. WHITE LAMP – Yellow button has a lamp (torch) function. Intensive white light lights up on front side of the speaker microphone for seven seconds after pressing yellow button.
2. END – Yellow button has END function, i.e. hanging up.
3. EMER – Yellow button has EMERGENCY function.
4. PTT - Yellow button has Press To Talk function.

Optical signalling suppression - for White Lamp settings only

It is possible to suppress red LED signalling PTT when user requires discreet operation in darkness.

Optical signalling suppression settings:

1. Switch off the radio and connect the hand microphone to rear radio connector.
2. Press and hold yellow button and switch on the radio. Hold yellow button until white LED lights up. Red LED optical signalling is suppressed now.
3. PTT optical signalling is active again by repeating that procedure. Mode settings is not changed by standard switching on and off the radio.

Note: Optical signalling is automatically suppressed when the radio is in silent mode.

6. TECHNICAL SPECIFICATION

Product name:	Hand microphone TPH 700
Product labelling:	
W	Yellow button function - WHITE LAMP
D	Yellow button function - END
R	Yellow button function - EMERGENCY
P	Yellow button function - PTT
Power supply:	3,3 V from radio connector
Speaker:	8 Ω / 1 W
Microphone:	electret, omnidirectional
Operating temperature:	-20 to +55 °C
Dimensions:	62 x 72 x 35 mm
Weight:	195 g



Advice for users of this product!

This symbol indicates that electrical and electronic equipment must be disposed of separately from municipal trash at the end of its operational lifetime. When the device has become unusable, dispose of it in accordance with the current statutory regulations.





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