MTW Multifunctional Handset

Multifunctional Handset MTW

designed for the PR4G/F@STNET radios family allows for audio and data transmission in the VHF radio networks.

MTW replaces standard radio micro telephone extending its control. It enables radio subscriber to take full advantage of the capabilities of the radio station without having to watch its front panel (*such as during carry on radio the back*) using the remote control.

Moreover, MTW lets the PR4G/F@STNET radios family to operate in simplex radio access system creating together with the radio the VHF Radio Subscriber Point (*RSP*) of the Single-channel or Multi-channel Simplex Radio Access (*SCRAS/MCRAS*) subsystem. This allows radio subscribers for information exchange (*voice, data*) with the subscribers of Radio&wire Communication through the Radio Access Point (*RAP*) SCRAS or MCRAS.

Basic functions

- Remote control of PR4G and F@STNET radios family.
- Exchange of alphanumeric messages.
- Connection and information exchange in Single-channel or Multi-channel Simplex Radio Access (*SCRAS/MCRAS*) subsystem.

Actions available for message exchange

- Sending and receiving the messages from individual subscribers and groups.
- Memorizing:
  - ✓ Up to 10 sent messages of 160 signs each,
  - ✓ Up to 10 received messages of 160 signs each,
  - ✓ Up to 10 memos about missed calls together with information about the telephone numbers and awaiting voice messages,
  - ✓ Up to 10 dialed subscribers' numbers.
- Audible information about the received messages and awaiting voice massages.

FEATURES

- Creation of VHF Radio Subscribers Points in Radio Access SCRA or MCRA System.
- Remote control of PR4G and F@STNET radios family.
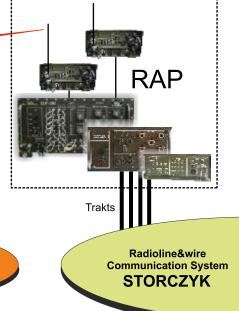- Exchange of voice or alphanumeric messages.

ZJZ
ISO 9001:2008
AQAP 2110:2009
AQAP 2210:2006

PCA
POLSKIE CENTRUM AKREDYTACJI
CERTYFIKACJA SYSTEMÓW ZARZĄDZANIA
AC 057
QMS

RSP

RAP

Trakts

STORCZYK-R
Radio Communication System

BMS HEKTOR
Battle Management System

Radioline&wire Communication System
STORCZYK

Actions available with the use of SCRA and MCRA subsystems

- Data transmission and audio connection with the STORCZYK system.
- Ability to change the information type during the connection.
- Packet messages exchange in radio access mode.
- Affiliation process to the Radio Subscriber Point (RSP) from the SCRA and MCRA.
- Automatic log in and out of the RSP between the Radio Access Points (*RAP*).
- Audible information about the incoming calls and the execution of the connections in the SCRA and MCRA subsystem.
- Subscriber's identification.
- Voice mail and text messaging.

Capabilities regarding the radios remote control

- Change of the superior/subordinate parameter.
- Change of radio emission mode (*FH, FCS, MIX, DFF, AFF*).
- Radio network subscriber's authorization.

- Radio network synchronization.
- HLC frequency scanning.
- HLG frequency scanning.
- Alert over radio network.
- Voice volume regulation (4 levels).
- Radio ID number change (7-digits).
- Cryptographic key change.
- Radio link quality test.
- Selective call of radio network subscriber.
- Adjustment of transmission power (*RX, 0,5 W, 5 W, 10 W*).
- Adjustment of radio operation mode (*standard, digital retransmission, analog retransmission, internal test, X MODE*).
- Change of radio working channel number (*HLG, 1, 2, 3, 4, 5, 6, 0*).
- Change of squelch level (*3 levels and 150 Hz*).
- Audio alarm switch on and off (*beep on/off*).
- Programming and adjustment of transmission speed rate: RATE 1/RATE 2.
- Emergency erase of initial radio data.