

## DGT 7508 EL - Mobile Digital Telephone



- portable, compact telephone exchange
- provides all necessary telecommunication services
- integration of the most advanced telecommunication technologies
- works in the most difficult climate conditions
- resistant to shocks, strokes and vibrations typical for the transportation

**Mobile Digital Telephone Exchange DGT 7508 EL** is a portable, compact telephone exchange dedicated for using in difficult environmental conditions.

The high level of versatility of the DGT exchange was achieved as a result of integration of the most advanced telecommunication technologies in a compact and portable chassis. It is resistant to shocks, strokes and vibrations typical for the transportation in field conditions (load, reload, air-drop etc.).

**DGT 7508 EL** is the ideal equipment for:

- rapid reaction forces
- mobile units
- air forces
- border protection forces
- patrols in the regions with no telecommunication infrastructure
- rescue services in natural and civilization disasters
- humanitarian aid services

**DGT 7508 EL** is dedicated for following applications

- main switching equipment in a telecommunication shelter/container
- in open field
- mounted on vehicles
- in stand-alone configuration
- in network configuration as:
  - terminal exchange
  - transit exchange
  - main exchange
- in combination of the above functionalities

---

**CENZIN sp. z o.o.**  
81/83 Czerniakowska Street  
00-957 Warsaw - POLAND

phone: +48 22 43 44 133  
fax: +48 22 43 44 163  
cenzin@cenzin.com.pl  
www.cenzin.eu

# DGT 7508 EL - Mobile Digital Telephone Exchange

## General characteristic

**DGT 7508 EL** provides all necessary telecommunication services in both ISDN and VoIP and offers VoIP functionality to provide SIP and H.323 subscribers connectivity and VoIP networking.

The product can be connected to any type of HF radiocommunication system (walkie-talkie).

**DGT 7508 EL** can be equipped in accordance with customer's needs in BRI ports, PRI ports and digital E1 ports with various signalling types functionality.

Operational parameters of **DGT 7508 EL** can be easily programmed and monitored from the operator console. That ensures simple and easy traffic bypasses in case of breakdown of any link.

## Selected features of DGT 7508 EL

- working without operator's assistance
- software configuration of the exchange can be pre-programmed or changed by the operator at any time
- integrated system console with handset and speaker-phone optional headset
- interoperability with all standardized telecommunication systems
- increased availability by internal redundancy of the most important modules

## Standard functions of DGT 7508 EL

- automatic set up of the internal connections with the registration of each event
- automatic or semi automatic set up of the connections in the outgoing and incoming traffic
- smooth switch-over between automatic traffic into manual traffic
- individual access rights and categories for every subscriber line
- separation of closed users group
- conference up to 64 subscribers
- automatic or manual diagnostics
- possibility of voice announcements instead of calling signal
- voice announcements for ordered services
- flexible system of voice announcements and tone signals
- creation of the dispatcher sub-systems, independent or dependent on each other
- creation of distributed structures with uniform numbering plan and uniform central management system, management centre
- signalling conversions:
  - every digital 2 Mbps stream with a certain signalling type can be conversed to another stream with different signalling,
  - a digital 2 Mbps stream can be conversed to an analog form with an analog signalling