



## Digital switch-multiplexer

# ŁK-24VC-EX-01

**Integrated PSTN and STORCZYK central**

**Built-in two modems compatible with AC-16D/F**

**Cooperation with the STORCZYK system**

**Option of combining telecommunication systems with IP systems**

**Operation via WWW**

Switch-multiplexer ŁK-24VC-EX-01 is a device ensuring exchange of phonic information between team members of e.g. a headquarter unit, as well as between team members and cooperating function officers located at other sites.

The device cooperates with the ŁK-24VC device via a tract, integrating in the set VoIP telecommunication systems, analog and STORCZYK.

The device supports:

- 14 analog or digital CA telephones,
- 2 connections with AC-16D or F receivers via the network (with locally laid out RS232C interface compatible with RS232C interface of a AC-16F receiver),
- 11 digital tracts in the STORCZYK system standard and in DSS1 standard, with the option of including users of the local computer network to the frame network created on the basis of STORCZYK system or on the basis of public systems.

The device cooperates via ŁK-24VC with VoIP telecommunication systems conforming to H.323 and SIP.

Switch-multiplexer may be used for build of small, field communication nodes created around command vehicles.

ŁK-24VC-EX-01 is a device functioning (operating) whilst in motion (after installation on an absorbing platform) and designed for use in a single position.



## TECHNICAL PARAMETERS

### BASIC FUNCTIONALITIES

Switch a multiplier of the STORCZYK system  
 14 CA or digital user lines  
 2 built-in AC-16D/F modems  
 11 STORCZYK/DSS-1 digital tracts  
 14 internal WAN tracts  
 Built-in IP router  
 2 electrical Ethernet interfaces (10/100Base-T/TX)  
 Configuration via WWW

### INTERFACES

**Electrical interface Ethernet**      **2x10/100Base-T/TX**  
 RJF-45 connector

Speed rate      10/100 Mbps

**User interfaces and modem controls**      **CA mode** (one-track, DTMF, w/w/o line supply, incoming call signal detection and generation)  
 8D0C13W35SN Souriau connector

**Tract interfaces**      **STANAG 4210, G.703**  
 2x8D0C17W26SN connector

Speed rate      128 kbps, 256 kbps, 512 kbps,  
 1024 kbps, 2048 kbps

Electric contact      Router WAN interface, Storzcyk, ISDN  
 DSS1, STANAG 4206

Coding      CVSD 16 kbps, 32 kbps, 64 kbps  
 and PCM 64 kbps

### POWER SUPPLY

Power supply      +27 V (from 19 V to 33 V)  
 Power consumption      <120 W

### SUPPORTED PROTOCOLS

Network protocol      IPv4  
 Routing protocols      OSPFv2 (RFC 2370), RIPv2 (RFC 1723)

### OTHER TECHNICAL PARAMETERS

Dimensions (HxWxD)      283x252x433 mm  
 Weight      <20 kg  
 Mechanical and climatic classification      Groups N.7 and N.9-O-II(A and B),  
 acc. NO-06-A101+108 (MIL-STD-810G  
 compliant) (multi-use equipment and  
 continuous use equipment)

Electromagnetic compatibility      NO-06-A200 (MIL-STD-461F compliant)  
 (KRE-02, KCE-02, KCS-01, KCS-06,  
 KCS-07, KCS-08, KRS-02)

Operating temperature      From -30°C to +50°C  
 Storage temperature      From -40°C to +65°C  
 Humidity resistance      95-98% at +40°C

