



RADIO AND RADIO-RELEY SYSTEM-8/2



Radio and radio-relay system RiRRS -8/2 is intended for retransmission of radio communication between VVF-VVF and VF-VVF radio participants, retransmission of radio-relay communication, as well as reception, termination and distribution of telecommunication traffic from elements of stationary and mobile component TkIS via radio-relay and cable communications.

RiRRS -8/2 consists of a system cabin (K-30) on the vehicle TAM 150, an auxiliary cabin (K-15) on the vehicle TAM 110 and a transport electric unit ADP-15 KIZ.

The system is compatible with the elements of the mobile and stationary components of the telecommunications system of the Air Force and systems of other holders in the next points of interconnection:

- In radio subsystem (VVF and VF),
- In radio-relay subsystem (NATO 4, with signals E1),
- In commutation and transmission system at the signal level of E1 and Ethernet.

With integration of Telecommunication and Information devices, subsystems and equipment, systems have the following basic telecommunication technical characteristics:

- Wire Ethernet data transmission of IP data,
- Wire G.703 transmission of E1 signal,
- Optical Ethernet data transmission of IP data,
- Radio transmission of voice and data in the VVF frequency range from 30 MHz to 87.975 MHz,
- Radio transmission of voice and data in VF frequency range from 1.5 MHz to 29.999 MHz,
- Radio-relay transmission of voice and data in the frequency range from 1350 MHz to 2690 MHz with transmission rates up to 8 Mb/s,
- Wire transmission of speech and data using SHDSL technology.

