

PSYCHOLOGICAL PRODUCTS PROCESSING AND BROADCASTING SYSTEM

PSYOPS



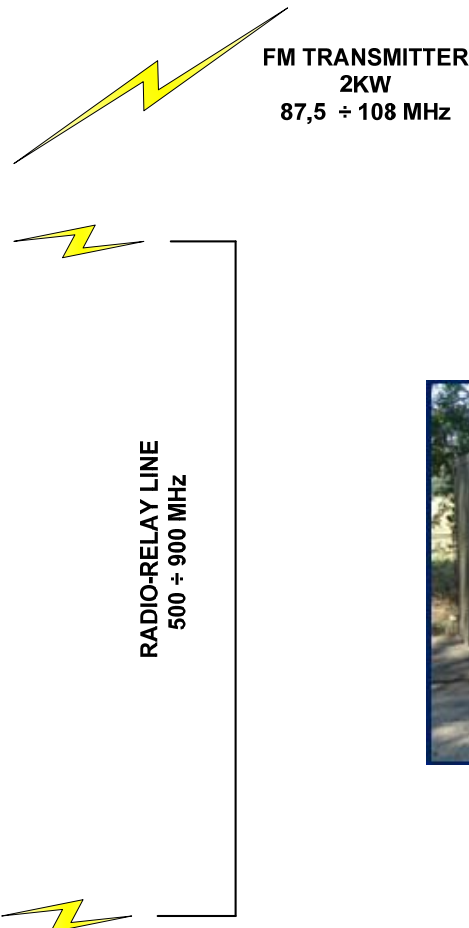
BROADCASTING STATION



AUDIO PROCESSING STATION



VIDEO PROCESSING STATION



SYSTEM DESTINATION

This system is mean for tactical psychological operations (PSYOPS).

Psychological products processing and broadcasting system's architecture is based on a "Radio broadcasting subsystem" and on a "Psychological products processing subsystem", both components of an "SUPPORT AND PSYCHOLOGICAL OPOPERATIONS SYSTEM".

Tactical equipments for audio, video, printing and radio transmission applications of the two subsystems are integrated in three NATO 1 type shelters.

SYSTEM'S TACTICAL FUNCTIONS

- Video and written materials processing (video and audio processing, editing and printing) and storage;
- Audio materials processing and ON AIR transmission;
- FM broadcasting radio programs.

SYSTEM DESCRIPTION

Tactical field support provided by NATO 1 shelter equipped as follows:

- *Power supply and distribution:* external power supply panel, automated switching panel, power chords for electrical network or electrical generator supply, electrical generator control cable, distribution panel, cable for transporting electric to users, cable ducts;
- *Illumination elements:* fluorescent lamps (white and blue light), door switch (controls illuminating regimes operative/camouflage lighting);
- *Air conditioning system:* air conditioning unit, heat convector, air-refreshing subsystem;
- *Grounding system:* grounding belt, grounding hubs and ducts, grounding electrodes;
- *Support elements:* chairs, first-aid set, concealment screen, CO₂ fire-extinguisher, pioneer toolkit.

The system's tactical functions are personalized on stations and are realized with specific equipments:

Video and written materials processing: accomplished in the **VIDEO PROCESSING STATION:** LAN, workstations for document editing and video processing on AVID core, specific peripherals.



Audio materials processing and ON AIR transmission through radio-relay line: accomplished in the **AUDIO PROCESSING STATION:** LAN audio editing workstations, radio studio equipments, radio-relay transmitters, and switching equipment.

Radio programs FM Broadcasting: accomplished in the **BROADCASTING STATION:** FM transmitter 2KW, radio-relays receivers, switching equipment. The power supply autonomy of this station is provided by two power generator installed into a separate compartment, in the front side of the shelter.

