



PUBLIC ADDRESSING SYSTEM

SIAL

DESIGNATION

Public Addressing System (SIAL) assure physical and logical support for sending instant/recorded vocal warning messages or alarming signals to electronic sirens, as well as alarming signals to electric sirens, in its network, in an imminence of disasters or aerial attacks.

FUNCTIONS

- communication support between all SIAL system's components;
- sending vocal warning messages and alarming signals;
- activation, call in and selective grouping of the system components, by area location;
- system operating tests.

DESCRIPTION

SIAL architecture:

- a) Computers
- b) Software:

- operating system: Windows XP, Windows Vista;
- application "Consola SIAL";

- c) Specialized equipments:

- Warning Central – Network Node Unit (CSEC);
 - may command up to 74 network components;
 - may be controlled by 1÷4 external equipments;
- Adaptor for the electric siren (ASE3) – may command electric siren;
- Electronic Siren (SEM) – may broadcast warning signals and instant/recorded vocal messages;
- Specific interfaces :
 - 10 dedicated telephone lines interface;
 - radio interface;
 - remote control interface (GSM/Switched Telephone Line);
 - F1001 interface;

- d) Communication support:

- telephone circuits;
- radio network;



GENERAL CHARACTERISTICS

- tree pyramidal structure hierarchical organized;
- configurable suiting any command structures to manage emergency situations;
- addressable for each equipment or group of equipments;
- passwords-protected access;
- accept warning commands from F1001 network;
- provides mobile sirens integration;
- can be integrated with other public addressing systems, by specific interfaces.
- powered by two electrical sources: 220V ac power network buffered by 24V cc batteries;

