

FUA-COMP Stationary Radio System

The stationary radio system FUA-COMP serves as an interface between a central PC or a panel PC to the radio network. It can be used for different radio applications.

Depending on construction and utilised radio device, all modern communication methods, as well as a own SES protocol via radio is possible. Combined with the data modem DFM08, the radio system can be connected to a control centre via ethernet. With this, all common connection possibilities are given and can be realized via a local network or via a VPN network for nearly any distance.



COMMUNICATION THAT ARRIVES

...EVERYWHERE

Multifunctional

Use the FUA-COMP for various radio applications.

Site independency

Place your radio station wherever you want, its independent from the power supply network.

Modular construction

Increase the functionality by adding modules.

Reliable

FUA-COMP operates even in wide temperature ranges.

Economical

Reduce your running costs due to lower power consumption.

Low maintenance

Nearly maintenance-free by using high-quality components.

FUA-COMP FEATURES

- Connection to the supervisory software LSR-145 or alerting device AE100-A possible via LAN or WAN (VPN) connection
- Support for many types of transmission such as FFSK or DMR
- UPS standby time supply up to 4 days with high performance batteries
- can be used as UPS power supply for the AE-100A
- Easy assembling
- Temperature regulated charging of the battery controlled by a micro-controller
- A code-repeater increases the range between radio networks

OPTIONAL

- Radio device (Motorola GM340 / DM3400)
- Data modem
- GSM modul
- Switch
- Power-Switch
- E-Port
- DLI (line interface)
- Surge protection
- GPS modul for time synchronisation
- Connection of measuring stations via RS232 or RS485 interface to gather:
 - rainfalls
 - winddirection and windspeed
 - temperature
 - floodwaves
 - earthquakes
 - radiation



TECHNICAL DATA

Power supply	230 V _{AC}
Power consumption in stand-by mode with fully charged battery	< 10 V _{AC}
Battery voltage / capacity	12 V- 26 Ah / 40 Ah
Operating time at power failure	60- 90 hrs. (depending on configuration)
Optional radio device	GM340 / DM3400 (other on enquiry)
Temperature range electronics	-40° C to +70° C
Temperature range batteries	-25° C to + 60° C
Weight	approx. 50 kg, depending on construction
Dimension (B x H x T)	600 x 600 x 210 mm
Protection class	IP 54 to IP 66 (depending on construction), NEMA 4

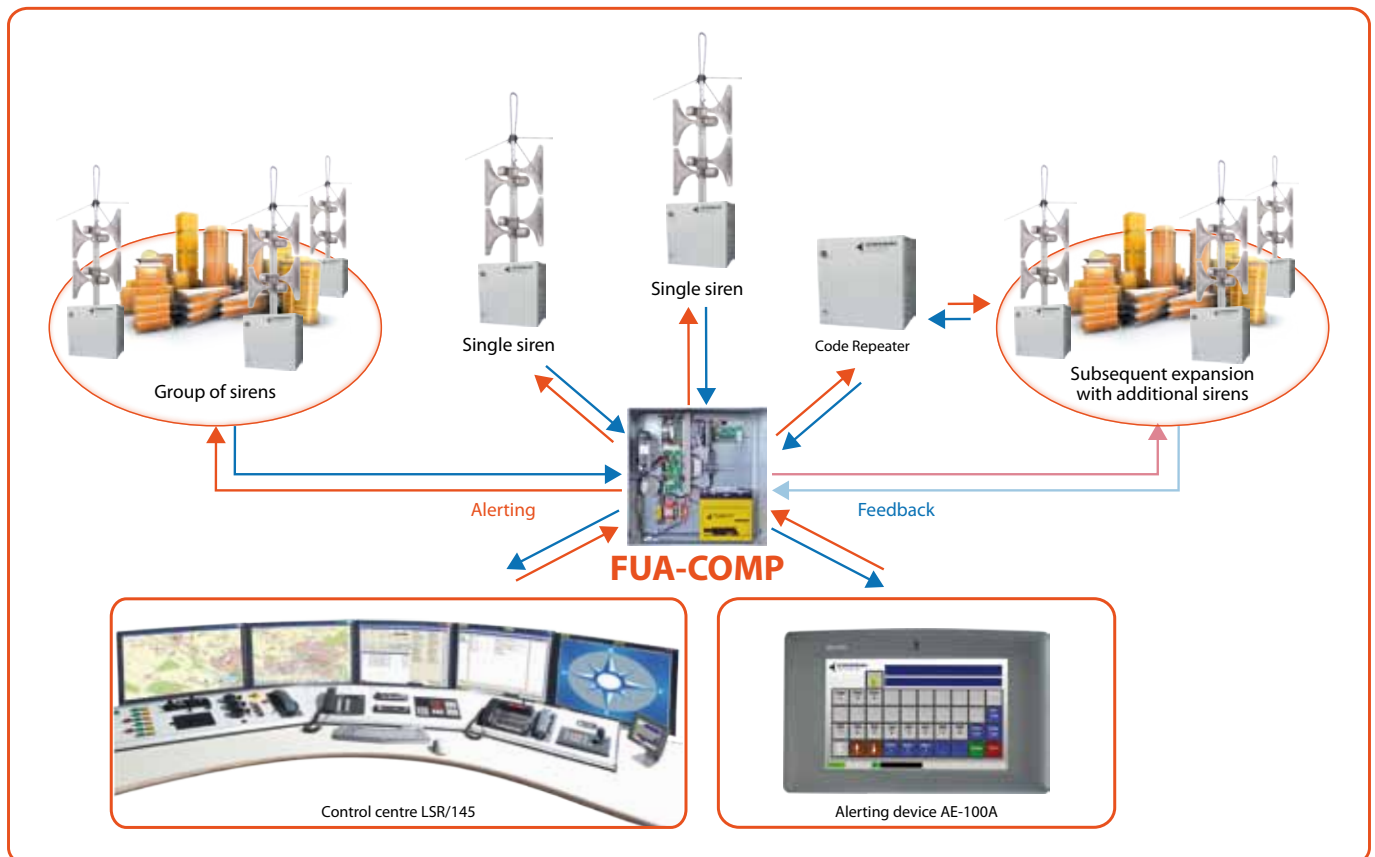


Fig2: Realisation of a modern mass notification system

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OPTIONAL EXTENSIONS

GSM2 MODUL

The GSM2 module manages the data transfer / alerting between control centre and siren via GSM network.

- Alerting via SMS or GPRS possible
- Numbers filtering prevents unauthorized triggering
- Status information such as „summing error“ or „alarm active“ can be queried via SMS



E-PORT

The E-PORT modul uses the integrated ethernet interface and the 8 in- and outputs for an easy and economical connection for external systems to the FUA-COMP.

- Siren alerting by closing external contacts
- Outputs for fault indication or activation of fire alarm systems available



DLI

The DLI is used to connect the electronic siren to a central station via a dedicated telephone line (no dial-up).

- Control of up to 4 lines with live voice, up to 8 lines without live voice
- 3 sirens per line are possible = 12 sirens with live voice, 24 sirens without live voice



SWITCH

The Switch enables you to integrate additional network-compatible modules (e.g. E-PORT) or applications to the FUA-COMP

- 5 x 10/100 Mbit Ports

