

VARIODYN® D1 System Communication Unit SCU

- **Digital audio memory for VARIODYN® D1 voice alarm and public address system**
- **Cross-linkable via Ethernet**
- **Normconforming audio memory for alarm and evacuation**
- **Can be used to log and record announcements**
- **Automatic temporary storage and playback of interrupted messages**
- **Emergency power supply via 24 V DC**



Application

The System Communication Unit SCU serves as digital audio memory for the VARIODYN® D1 voice alarm and public address system.

It is possible to record and play back multiple audio data streams simultaneously.

Connection to other VARIODYN® D1 Modules via Ethernet and is constantly monitored.

Audio memory (the availability of which is critical) for alarms and evacuation announcements occurs according to IEC EN 60849 on non-volatile flash-memory. Memory capacity is approx. two hours.

Other audio files such as announcements, signals or advertisements are saved onto a hard drive. The memory capacity is approx. 1.000 hours.

The SCU can also be used to log and record announcements. These are also saved on the hard drive and are backed up with date, time and activation details.

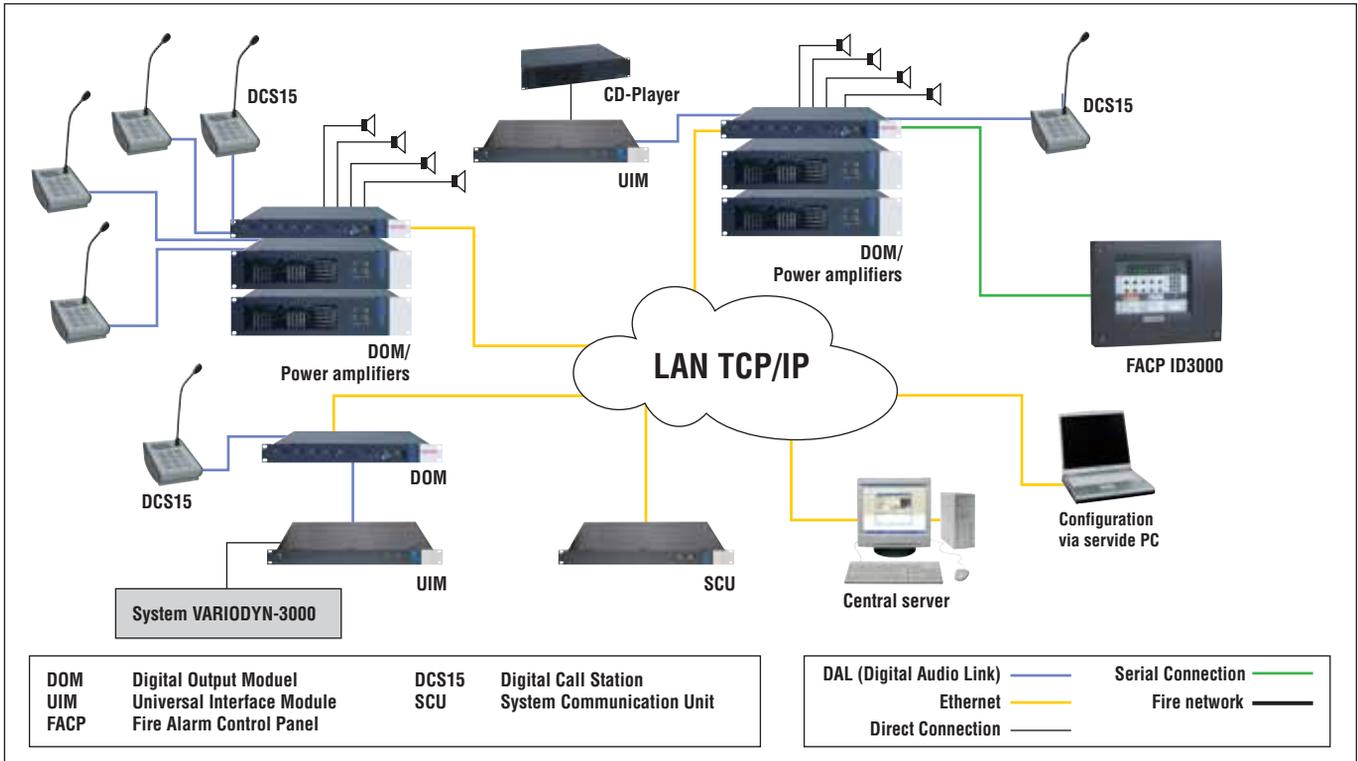
The automatic temporary storage allows announcements to be played which are momentarily unable to reach all targets by releasing them.

Connections

- Ethernet connection 100 Mbit/s
- Mains supply
- 24 V DC emergency power supply input

Indicators

- POWER-LED, HARDDISK-LED
- ERROR-LED, STAND-ALONE-LED



System Overview VARIODYN® D1

Technical Data

Flash memory	approx. two hours
Hard disk	approx. 1.000 hours
Nominal voltage	90 V AC to 265 V AC
Nominal frequency	47 Hz to 63 Hz
Current rating	typ. 0.5 A @ 230 V AC
Ambient temperature	-5 °C to +55 °C
Relative humidity	15 % to 90 %
Housing colour	grey, similar to RAL 7016
Weight	3 kg
Dimensions (W x H x D)	483 x 44 x 360 mm/1 HE, 19"

Emergency power supply

Nominal voltage	24 V DC
Power consumption	32 W

Order information

Order information	Part No.
System Communication Unit SCU	583381.22
Mounting kit 1	583703