



# Seat modules

## SIM-S for OpenTop Busses and SIM-V to Build-in

The simultaneous communication unit **Sikom** has a digital voice output for maximum 26 language channels. Audio is transferred via cable (same cables are used in Ethernet and PC areas) to each seat.

Maximum 90 seat modules can be connected to the **Sikom**. To assure a trouble-free operation, the seat modules will be wired with the distribution units DLV-M.

### Standard Seat Modules SIM-S

These plain seat modules, which are protected against water from above, will be fixed directly to the seats back side or the busses side wall. With these modules open top busses can be equipped and withstand a shower without problems.



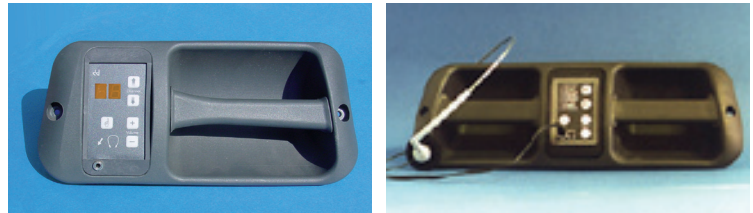
### Built-in Modules SIM-V

The black built-in modules are normally used to build in the corresponding cutout of the seat backs (e.g. the „Vogelsitze”).



### Customized Modules

At customer's request and up a corresponding number other boxes can be produced, for example seat modules, which are built-in instead of the ash-tray in NEOPLAN handles or the grip recess of the TEMSA busses.



### Control Elements

The desired language is chosen with the two arrow keys. The actual chosen language is shown by the red 2 digit figure.

Each tourist can regulate the volume individual with the plus and minus keys. An additional setting allows to set different volumes for takes and background music.

The key is available as an option: it can be used to call the staff (like in an airplane), or to answer questions of the staff including the display the number of answers at the remote control.

The arrow points to the position where the head phone (any quality head phone from 32 Ohm upwards with socket-board) is plugged in safely even in cases of high humidity.

## Technical Data

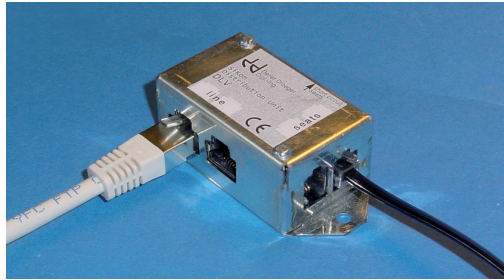
**Standard SiM-S** Plain module, protected against water from above and from the sides.

Requirements: Wiring with DLV distribution boxes (splitter) and Ethernet Patchcable SF-UTP or SFTP.

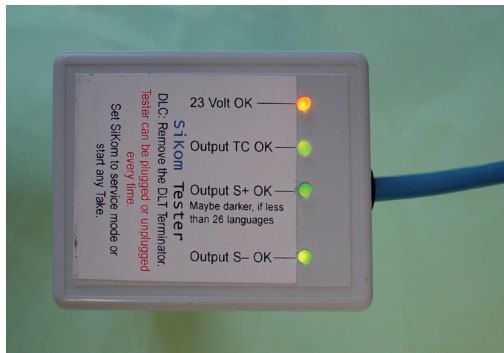
Dimensions: 19 x 68 x 97 mm

Control panel: 72 x 46 mm

**DLV Distribution** As a protection against short circuit and as attenuation cell distributors are used between the seat modules and the **Sikom**: 1 DLV-M per 2 seat modules.



**Sikom Tester** For checking your installation we provide a tester free of charge.



**Info 7/2016** Technical changes and errors excepted.

## Mounting Samples



*Tschu-Tschu train in Bergen, Norway*



*Sample of customized built-in modules: in this case the modules are adapted in the handles of TEMSA busses instead of the ash-tray.*



*Samples of the seat modules in the field: either on the back side of the seats, or he busses side wall, or on the tables.*



*This is a sample of the black built-in seat module SiM-V in Berlin in CityCircle busses.*