

## Software Variants

### 1. Transparent data transmission with carrier control

Data transmission to as many participants as necessary.

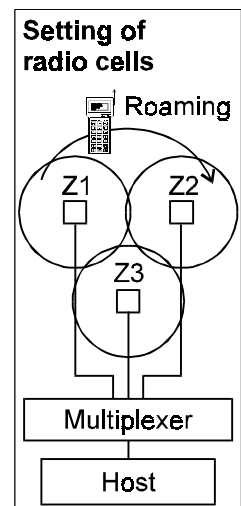
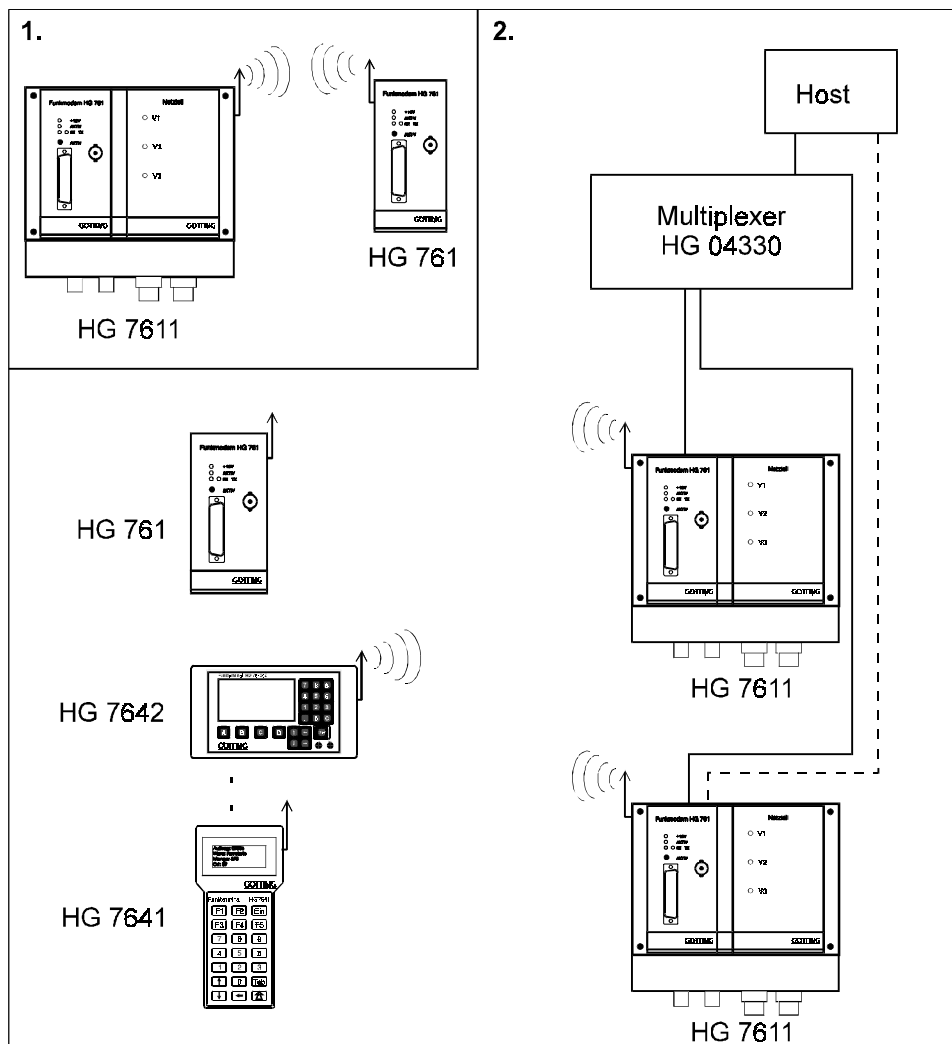
In this case, the radio system basically substitutes cabling. As with a cable, transmission is only possible in one direction at a time. Transmission is effected in simplex or half-duplex operation and is transparent apart from hand-shaking.

### 2. Communication between a central and several subscribers

Data transmission to and from individual subscribers.

A central station transmits selectively to individual subscribers. In the same way, each subscriber is in the position to transmit directly to the central station. Data securing and collision disolving are implemented.

The host communicates directly with the central station or with several central stations using a multiplexer (in order to expand the covered area). Implemented in the multiplexer are radio management and intelligent roaming.



## Description

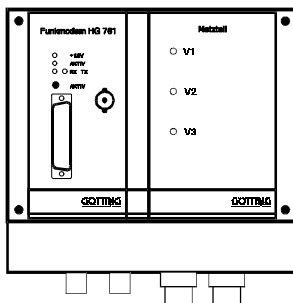
The radio set family HG 76 is a new development in the field of data transmission by radio. These devices offer the user maximum functionality and ease of use.

Wireless data transmission is advantageous when data communication by cable is not possible or too expensive (for vehicles, measuring points in nature reserves, etc.). The radio system is extendible without substantial alteration making it very flexible.

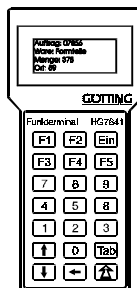
The members of this family are: fixed station HG 7611 in 19" wall casing (consisting of radio modem HG 761 as euro cassette slide-in case and power supply unit), vehicle radio set HG 7642 and hand terminal HG 7641.

The system offers several optional interfaces, power supplies, software, frequencies, terminals, etc. An optimum configuration for the users hardware and software can be easily effected and is customary.

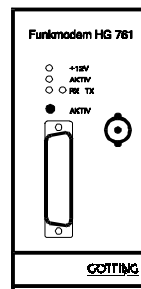
**HG 7611 Fixed station**



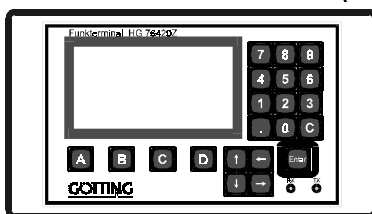
**HG 7641 Hand terminal**



**HG 761 Radio modem**



**HG 7642 Vehicle radio set (terminal)**



## Functions

- Wireless, bidirectional data transmission
- High transmission reliability through error notification
- Fast carrier gating
- Data input by keyboard or barcode reader
- Data output on display, through various interfaces etc.