

## GERDA VHF

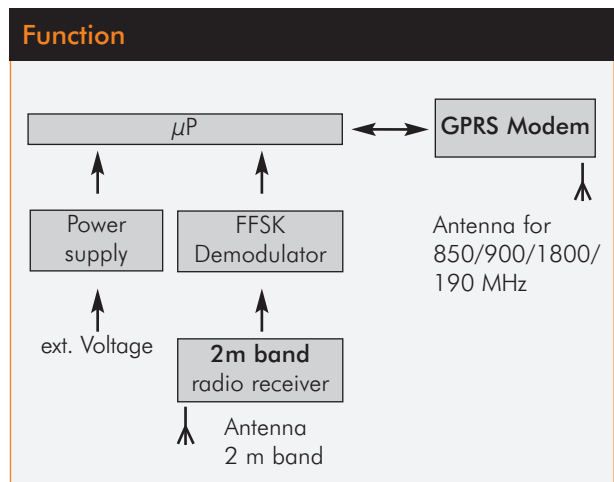
### Radio Receiver for VDV Telegrams with Automatic Forwarding via GPRS

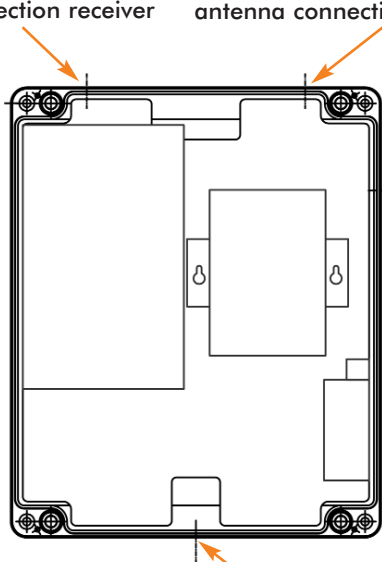

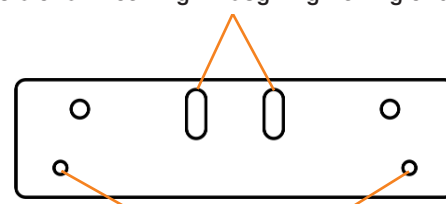


GERDA VHF is the interface between the stops and the routes in public transport, which are in some instances far out of reach for communication with the ITCS server. GERDA receives the VDV-radio telegrams (R09.xx) transmitted over the air interface and send them via the internet by using a GPRS-modem. This opens up the possibility of providing those telegrams anywhere on an internet-capable PC, by means of a TCP server program for further processing. Now it is easier than ever to collect all relevant data from the radio network dead spots centrally and make them available for additional services such as passenger information systems and many other factors.

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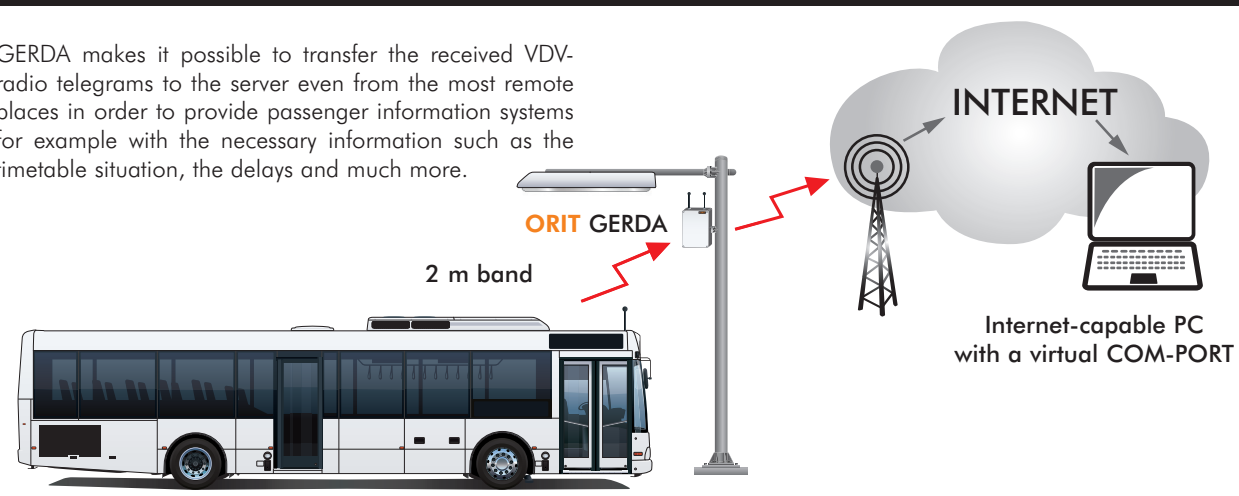
- ▶ Integrated GPRS-modem
- ▶ Integrated radio receiver
- ▶ Configuration via notebook



Interfaces	Accessoires
<p>antenna connection receiver    antenna connection GSM-modem</p>  <p>Power supply 230 V</p>	<p>Mounting rail for a mounting on the mast</p>  <p>Slots for inserting through tightening straps</p>  <p>Mounting points GERDA</p>

### Procedure

GERDA makes it possible to transfer the received VDV-radio telegrams to the server even from the most remote places in order to provide passenger information systems for example with the necessary information such as the timetable situation, the delays and much more.



2 m band

ORIT GERDA

INTERNET

Internet-capable PC with a virtual COM-PORT

### Technical Data

Power Supply:	85 ..... 264 VAC	GSM output power:	1 W GSM 1800/1900
Active power:	max. 50 Watt		2 W EGSM 900/GSM 850
Inputs/Outputs:	2 antenna connections TNC power supply	Humidity:	5...95% rel. humidity
GSM band options:	Quad-Band 850/900/1800/1900 MHz	Operating Temperature:	-20...+70° C
		Storage Temperature:	-40...+85° C
		Dimensions (WxHxD):	230 x 330 x111 mm