

R&S®GB130 CONTROL UNIT



Control of antenna rotators in azimuth and elevation

The R&S®GB130 control unit is used for positioning antenna rotators in azimuth and elevation. It is equipped with an illuminated LCD for plain text display and a numeric keypad for data entry.

Positioning and data entry can also be remote controlled over a controller interface (RS-232 or RS-485). The R&S®RMS-RS232 LAN-RS232 adapter is available for operating the R&S®GB130 via LAN. This adapter converts LAN data to serial data and makes the R&S®GB130 network ready. The R&S®CP001 antenna remote control software (ARCOS) is available as an option.

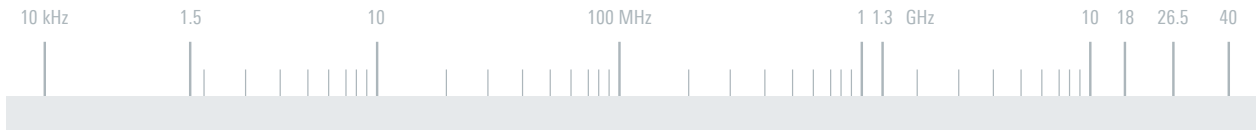
The control unit can be used to control the R&S®RD130 antenna rotator (azimuth positioning only).

Key facts

- ▶ Numeric keypad for direct data entry
- ▶ LCD for plain text display
- ▶ Manual or remote control possible
- ▶ Suitable for wide AC voltage range
- ▶ No maintenance required
- ▶ No calibration required



Control section and LC display of R&S®GB130



Specifications

Power supply		85 V to 264 V AC, 47 Hz to 63 Hz
Power consumption		max. 300 VA
Operating mode		manual or remote control
Controller interfaces		RS-232/RS-485
Power supply of rotator	voltage	24 V DC
	power	max. 100 W (azimuth), max. 80 W (elevation)
Display accuracy		0.1°
MTBF		> 10000 h
Operating temperature range		0°C to +50°C
Dimensions	W x H x L	approx. 483 mm x 133 mm x 373 mm (19 in x 5 in x 15 in)
Weight		approx. 4.5 kg (10 lb)

Ordering information

Ordering information	Type	Order No.
Control unit	R&S®GB130	4059.8755.02
Recommended extras		
Antenna rotator	R&S®RD130	4059.8503.02
Cable set	R&S®GK130	
50 m		4059.8855.02
80 m		4059.8855.03
120 m		4059.8855.04
200 m		4059.8855.05
Antenna remote control software (ARCOS)	R&S®CP001	4069.6384.04
LAN RS-232 adapter	R&S®RMS-RS232	3059.2938.02
Zero modem cable		1050.0346.00