



# Remote control

## Remote Control Unit R&S®GB 4000C

For controlling, configuring and monitoring R&S®M3SR radios

- ◆ Control and monitoring of all operating modes and parameters manually and by presets
- ◆ Monitoring of equipment status
- ◆ Acquisition/display of equipment configuration (inventory report)
- ◆ Manual setup of equipment configuration
- ◆ Control of different user levels with password protection
- ◆ Internal maintenance functions (BITE)
- ◆ Control of the complete R&S®M3SR equipment in a system via remote control link (Ethernet)



## Brief description

The Remote Control Unit R&S®GB 4000C is used for controlling, configuring and monitoring R&S®M3SR radios. With its large and clearly arranged color display and software-defined keys, this unit allows flexible and easy operation. The functionality is exclusively defined by the software loaded.

## Specifications

General data	
HMI	
Display	5" color LCD graphical display, ¼ VGA resolution, dimmable
Numeric rubber keypad	telephone-compatible, illuminated, dimmable
Softkeys	15, illuminated, dimmable
Rotary knob	to increment/decrement values
LEDs	BITE results, dimmable
Standard interface	
LAN	D-Sub (9-contact), 10baseT, in line with Ethernet IEEE 802.3, for radio control/monitoring/configuration and remote software download to control unit
Electrical safety	Directive 72/23/EEC (CE mark), IEC 950, VDE 0804, VDE 0805, VDE 0866, EN 60950
Power supply	
DC operation	17 V to 32 V, 28 V nominal to Directive 89/336/EEC and 72/23/EEC
Power consumption, DC supply	max. 17 W
Environmental data	
Operating temperature range	-20 °C to +55 °C
Storage temperature range	-40 °C to +70 °C
Humidity	≤95% at +55 °C to MIL-STD-810F method 507.2 and EN 60068-2-30 +25 °C/+55 °C to EN 60068-2-14
Dust and water protection	IP 54
Fungus	protected to MIL-STD-810C, method 508.2

Permissible altitude	
Operation, permanent	5000 m asl
Transport	10000 m asl
Vibration	5 Hz to 55 Hz, 0.4 mm double amplitude, test period 30 min to EN 60068-2-14, MIL-STD-167-1 type 1, STANAG 4138
Shock	45 Hz to 2000 Hz, ≤40 g, 3 shocks in two of 3 axes to EN 60068-2-27, MIL-STD-810D method 516.3
EMI/EMC	EN 301 489, MIL-STD-461E: CE 101, CE 102, CE 106, CS 101, CS 114, RE 102, RS 101 (maximum test field strength 160 dBpT), RS 103 (2 MHz to 1 GHz, field strength 10 V/m)
Mechanical data	
Dimensions (H × W × D)	131.8 mm × 202 mm × 83.5 mm (19"/2)
Weight	model 03: 1300 g

## Ordering information

Local Control Panel <i>Embedded in R&amp;S®M3SR, including software for remote control of R&amp;S®M3SR</i>	R&S®GB 4000C	6105.6006.02
Remote Control Unit <i>DC supply, including soft- ware for remote control of R&amp;S®M3SR</i>	R&S®GB 4000C	6105.6006.03

More information at  
[www.rohde-schwarz.com](http://www.rohde-schwarz.com)  
(search term: GB4000C)



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