

R&S®CP001 ANTENNA REMOTE CONTROL SOFTWARE (ARCOS)

All-purpose software for controlling various
Rohde & Schwarz antenna systems



The R&S®CP001 antenna remote control software (ARCOS) can be used to control the following Rohde & Schwarz antenna systems:

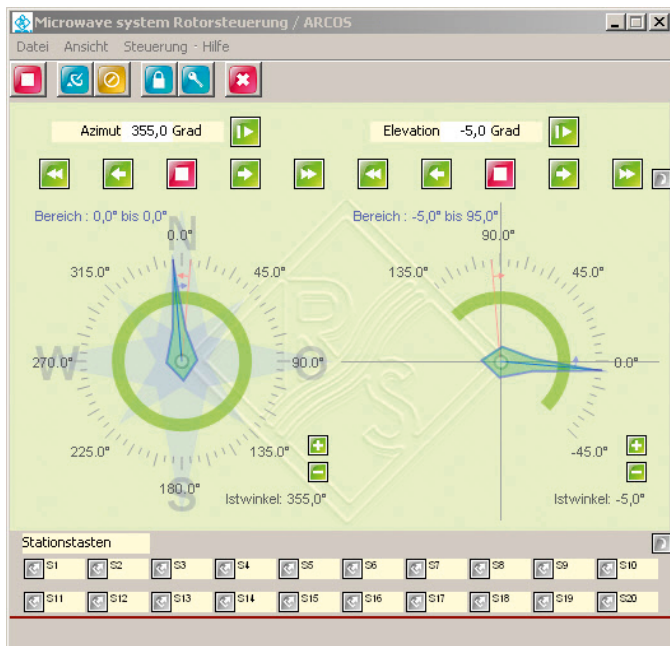
- ▶ R&S®AC008, including the R&S®RD016 antenna rotator, the R&S®GB016 control unit and individual feeds
- ▶ R&S®HL451 and R&S®HL471 HF antennas in combination with the R&S®RD130 antenna rotator and the R&S®GB130 control unit
- ▶ R&S®HL007A2 log-periodic antenna in combination with R&S®ZS107 polarization selector and the R&S®GB016 control unit
- ▶ R&S®HL024S2, R&S®HL024S7, R&S®HL024S8, R&S®HL024S9 and R&S®HL05S7 log-periodic antennas in combination with the R&S®GB016 control unit

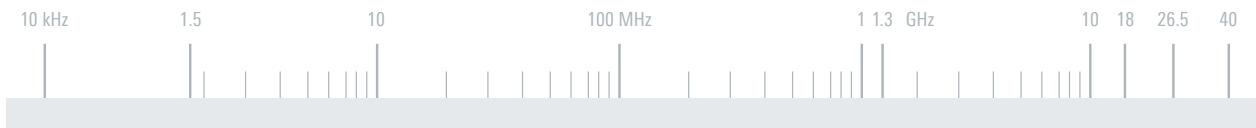
The control unit of the specific antenna system is connected to the control computer (PC) via a serial or LAN interface.

The R&S®CP001 software can be used in standalone mode or in a multiworkstation network in which multiple antenna systems are controlled by several PCs.

Key facts

- ▶ Standardized operating concept for different systems
- ▶ Control routines can be integrated into customer-specific software projects
- ▶ Supports RS-232, RS-485 and LAN interfaces





Specifications

System requirements		Windows 7 to Windows 10 operating system
Interfaces	external	RS-232, RS-485, LAN
	internal	TCP/IP
Supported Rohde & Schwarz control units		R&S®GX300, R&S®GV300, R&S®GB016, R&S®GB130

Ordering information	Type	Order No.
Antenna remote control software (ARCOS)	R&S®CP001	
For R&S®AC008 microwave directional antenna in combination with R&S®GB016 and R&S®RD016		4069.6384.03
For R&S®HL451/HL471 HF antenna systems in combination with R&S®RD130 and R&S®GB130		4069.6384.04
For R&S®HL007A2 log-periodic antenna in combination with R&S®ZS107 polarization selector		4069.6384.05
For R&S®HL024S2/HL024S7/HL024S8/HL024S9/HL050S7 microwave feeds in combination with R&S®GB016		4069.6384.06

Typical configuration: multiworkstation application with one antenna system

