## R&S<sup>®</sup>ZS4200 Service and Maintenance Tool For the R&S<sup>®</sup>Series4200 ATC radio





Product Brochure | 05.00

# R&S<sup>®</sup>ZS4200 Service and Maintenance Tool At a glance

The R&S<sup>®</sup>Series4200 is the latest generation of VHF and UHF radios for use in civil or military air traffic control. For easy local setup of the R&S<sup>®</sup>Series4200 radios, a PC-based service and maintenance tool is available. The R&S<sup>®</sup>ZS4200 service and maintenance tool makes it possible to configure the radio via a graphical user interface or read the event messages stored in the radio. This tool is also used to download new software available for the R&S<sup>®</sup>Series4200.

The service and maintenance tool consists of the software for the notebook PC needed for accessing the radio. After connecting the R&S<sup>®</sup>ZS4200 to the radio's USB port via cable or remotely using an IP-connection, the user can browse through the current setup, change parameters, store the current configuration or retrieve a previously stored configuration.

For local maintenance, the event log in the radio can be uploaded. It stores all relevant warnings, alarms and other events. Inventory information stored in the radio can be read out, giving a clear overview of the serial numbers of modules and their software/firmware versions. New software releases that become available for the radio can be downloaded using this tool. All data retrieved from the radio can be saved on the local drive of the service PC.



### **Key features**

- PC-based tool for radio setup, local maintenance and software download
- Plug&play connectivity to the radio via USB or via LAN-interface
- I Setup and configuration as well as "cloning" of radio
- Read-out of radio status and event log, saving of event logs to local hard disk drive
- Display of complete radio inventory, including hardware, firmware and software version, saving of data to local hard disk drive
- Download of software updates to the radio locally via USB or remotely via LAN interface
- I Activation of radio software options (option keys)

### System requirements

- Min. 400 Mbyte free space on hard disk drive, CD-ROM drive, USB port (version 1.1 or 2.0)
- Windows XP, Windows Vista (xx = .06 to .11), Windows 7 (xx = .10 or later) or

Windows 8 (xx = .12 or later) operating system

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nected (Non-Interactive M	ie)			Connecte	d (Non-Intera	ictive Mode)						
rices Inventory Cor	guration Status Software Update Options Abou	ut		Devices	Inventory	Configuration 9	Status Software	Update	Remote Update via	LAN Options	About	
Device	Resource String	Description	-	Index	Туре	Component Name	Ident Number	Variant	Production Index	Serial Number	Production Date	
nection Type			Connect	0	DEV	SU4200 RADIO	6144.7500	2	14.00	102035	2011/01/18	
Rx-1	dule USB0::0x0AAD::0x0063::000000::INSTR	EU4250 VHF-Receiver	Disconnect	1	SWMOD	D54200	6164.6296	2	09.03	000000	2011/04/21	
OUS8	dule USB0::0x0AAD::0x0064::0000000::INSTR	VU4250 VHF-Transmitter		2	HWMOD	KK4250 OCXO	6144.7268	2	01.00	101974	2011/01/18	
	ontroller USB0::0x0AAD::0x0065::000000::INSTR	KK4250 MMI-Controller		3	SW	MMI-CTRL	0000.0000	0	04.48	000000	2011/03/31	
			4	FW	MMI-FPGA	0000.0000	0	26.93	000000	2010/09/30		
				5	FW	IN4240 SUPPLY	6133.8522	3	09.01	104198	2010/11/19	
			Commences in the second	6	HWMOD	VU4250	6144.7280	2	03.00	102268	2011/01/17	
				7	SW	TX-CTRL	0000.0000	0	04.22	000000	2011/04/05	
IP Address Typ				8	FW	TX-FPGA	0000.0000	0	01.77	000000	2011/02/10	
	IPv4 RX Address: 0 🔅 , 0 😂 , 0 😂 , 0	0		9	FW	TX-DSP	0000.0000	0	01.58	000000	2010/11/26	
Command Set PN 0000.0000.00 Command Set File CommandSet.bin	IPvet TX Address: 0 () () () () () () () () () () () () ()	of Radio										
			2	»	ave to File							

Plug&play connection to radio.

Electronic inventory of radio.

## **Ordering information**

Designation	Туре	Order No.
Service and Maintenance Tool (+ USB cable)	R&S°ZS4200	6133.8722.xx

Your local Rohde&Schwarz expert will help you determine the optimum solution for your requirements. To find your nearest Rohde&Schwarz representative, visit

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#### Service you can rely on

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- Customized and flexibl
- Uncompromising quality
  Long-term dependability

#### About Rohde & Schwarz

Rohde & Schwarz is an independent group of companies specializing in electronics. It is a leading supplier of solutions in the fields of test and measurement, broadcasting, radiomonitoring and radiolocation, as well as secure communications. Established more than 75 years ago, Rohde & Schwarz has a global presence and a dedicated service network in over 70 countries. Company headquarters are in Munich, Germany.

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- I Continuous improvement in environmental sustainability
- ISO 14001-certified environmental management system



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