

# R&S® KDD37x

## KEY DISTRIBUTION DEVICE

For R&S® SECOS waveform communications solutions



Data Sheet  
Version 02.00

**ROHDE & SCHWARZ**

Make ideas real



# AT A GLANCE

The safe, secure and easy distribution of necessary waveform parameters is an essential support functional for secure radio voice/data communications networks. The R&S®KDD37x key distribution device is such a parameter distribution tool and belongs to the R&S®SECOS communication system.

The R&S®KDD37x distributes secure and mission relevant parameters required to operate the R&S®SECOS waveforms. The device permits an easy and secure distribution of encrypted waveform keys and mission data to the appropriate Rohde&Schwarz radio types with the waveform. The R&S®KDD37x provides effective and safe waveform data verification and maintenance measures under field conditions.

The key distribution device (KDD) mechanical and environmental specifications comply with relevant civil and military standards.

To extend the distribution chain, the data may also be loaded into further R&S®KDD37x units and other management tools. Further built-in functions are available for field maintenance of the R&S®SECOS waveform application and manual time distribution. The built-in real-time clock stores loaded time for later distribution to other radios.

## Key facts

- ▶ Easy-to-use key distribution device for secure and frequency management operations for R&S®SECOS waveform solutions
- ▶ Intuitive user interface with LCD display and keyboard with function/cursor keys and numeric keys
- ▶ Security management and maintenance functions
- ▶ Password protected access
- ▶ Automated logout, data clear and emergency clear functions
- ▶ Robust aluminum housing for harsh field conditions



# SPECIFICATIONS

## Specifications

Security		<ul style="list-style-type: none"> <li>▶ password protected</li> <li>▶ emergency clear function</li> <li>▶ automatic logout</li> </ul>
Display		high contrast dual-line LCD
Keyboard	robust keyboard	can be operated by glove
Internal power supply	system battery, replaceable	9 V
MTBF		40 000 h
<b>Environmental conditions</b>		
Operating temperature range		-20°C to +60°C, in line with MIL-STD-810
Storage temperature range		-25°C to +70°C, in line with MIL-STD-810
Humidity		+60°C/95% relative humidity, in line with MIL-STD-810
Drop		0.6 m, in line with MIL-STD-810
EMI/EMC		in line with EN 55022, EN 55024
Electrical safety		in line with EN 60950-1
<b>General data</b>		
Housing		robust aluminum housing
Dimensions	W × H × D	223 mm × 116 mm × 32 mm (8.8 in × 4.6 in × 1.3 in)
Weight		0.9 kg (1.98 lb)

# ORDERING INFORMATION

Designation	Type	Order No.
<b>Base units</b>		
Key distribution device	R&S®KDD3700	6207.3005.70
Key distribution device	R&S®KDD373	6207.3005.73
Key distribution device	R&S®KDD3750	6207.3005.75
<b>Accessories</b>		
Cable, from R&S®KDD37x to notebook	R&S®GK3700Z1	6086.9574.02
Cable, from R&S®KDD37x to R&S®MR6000L/R&S®GB6500/R&S®M3SR	R&S®GK3700Z2	6086.9568.02
Cable, from R&S®KDD37x to R&S®MR6000A/R&S®MR6000R	R&S®GK3700Z4	6131.3617.02
Cable, from R&S®KDD37x to R&S®AR5000	R&S®GK5x	6191.0220.02
Cable, from R&S®KDD37x to R&S®VR5000	R&S®GK5x	6165.5906.00

## Service that adds value

- ▶ Worldwide
- ▶ Local and personalized
- ▶ Customized and flexible
- ▶ Uncompromising quality
- ▶ Long-term dependability

## Rohde & Schwarz

The Rohde&Schwarz technology group is among the trail-blazers when it comes to paving the way for a safer and connected world with its leading solutions in test & measurement, technology systems and networks&cybersecurity. Founded more than 85 years ago, the group is a reliable partner for industry and government customers around the globe. The independent company is headquartered in Munich, Germany and has an extensive sales and service network with locations in more than 70 countries.

[www.rohde-schwarz.com](http://www.rohde-schwarz.com)

## Sustainable product design

- ▶ Environmental compatibility and eco-footprint
- ▶ Energy efficiency and low emissions
- ▶ Longevity and optimized total cost of ownership

Certified Quality Management

ISO 9001

Certified Environmental Management

ISO 14001

## Rohde & Schwarz training

[www.training.rohde-schwarz.com](http://www.training.rohde-schwarz.com)

## Rohde & Schwarz customer support

[www.rohde-schwarz.com/support](http://www.rohde-schwarz.com/support)

