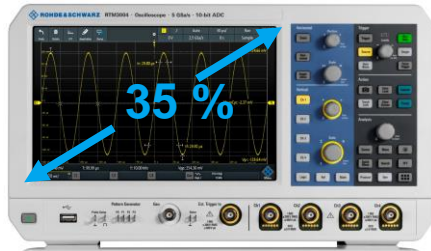


R&S® RTx multiplexed vertical setting knobs

versus

one knob per channel

Front view comparison



- UI base concept introduced 2017
- Display: **10.1" / 1280 x 800 pixels**
- **35 %** of front area is display
- Designed for touch use
- 31 buttons, 6 knobs



- UI base concept introduced 2011
- Display: **8.5" / 800 x 480 pixels**
- **27 %** of front area is display
- Touch, but designed for button use
- 42 buttons, 15 knobs



- UI base concept introduced 2008
- Display: **9" / 800 x 480 pixels**
- **27 %** of front area is display
- Designed for button use
- 46 buttons, 15 knobs (only oscilloscope functions)

Customer view of multiplexed V/div and offset knob

Pros	Cons
Same setting procedure for all displayed waveforms (analog, digital, serial bus, math, reference)	First have to select the waveform that is going to be changed
Saves front panel space which allows larger screen at similar width	-
Cleaner front panel for faster results	-

Customer view of one V/div and offset knob per channel

Pros	Cons
Direct access to each channel's vertical V/div and offset/position setting	4 pairs of vertical knobs needed
-	Still need channel buttons to select
-	Multipurpose knob needed for FFT, digital, math, reference

10.1" high-resolution capacitive touchscreen

R&S®RTx oscilloscopes 10.1" (1280x800 pixel)

Competitor A 8.4" (800x480 pixel)

Competitor B 7" (432x240 pixel)

Screen size comparison

10.1" high-resolution capacitive touchscreen

- Gesture support for scaling and zooming
- High resolution: 1280 x 800 pixel resolution
- 12 horizontal grid lines for more signal details

Colored LED for easy overview



Color-coded controls indicate the selected channel

Direct function access



Documentation of results (as a screenshot or instrument settings) at the push of a button

Autoset function

- Automatic selection of vertical, horizontal and trigger settings for optimal viewing of active signals
- Setting of FFT parameters

Popular options

Software options

Triggering and decoding	R&S®RTx-K1 I ² C/SPI R&S®RTx-K2 UART/RS-232/422/485 R&S®RTx-K3 CAN/LIN
History and segmented memory	R&S®RTx-K15 (depending on instrument)
Application bundle	R&S®RTx-PK1 (includes all SW Options and RTx-B1)

Hardware options

R&S®RTx-B1 mixed signal option 400 MHz for non-MSO models
R&S®RTx-B6 arbitrary waveform generator 25 MHz

▷ Rohde & Schwarz offers a broad range of upgrades and options. For more information, see the oscilloscope's product brochure.

Broad range of probes

Active

Single-ended	Differential

Passive

Standard	Special

Multifunctional

High-voltage	Current
EMC near-field	

▷ Rohde & Schwarz offers a broad range of oscilloscope probes for different applications. For more information, see the product brochure: Digital oscilloscopes from Rohde & Schwarz, Probes and accessories (PD 3606.8866.12)

Display over Ethernet, secure erase

Web Browser
Connectivity



Storage Media



Same operational concept for R&S®RTB2000, R&S®RTM3000 & R&S®RTA4000 oscilloscopes

Rohde & Schwarz GmbH & Co. KG | Europe, Africa, Middle East +49 89 4129 12345 | North America 1 888 TEST RSA (1 888 837 87 72)

Latin America +1 410 910 79 88 | Asia Pacific +65 65 13 04 88 | China +86 800 810 82 28 / +86 400 650 58 96

www.rohde-schwarz.com | customersupport@rohde-schwarz.com

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