ROHDE&SCHWARZ
Make ideas real

R&S®MXO 3 SERIES OSCILLOSCOPE

How-to: Integrated demos



100 M ~ 1 G Hz bandwidth
> 4.5 Million wfms / sec
> 50 k FFT / sec
12 -bit ADC 18-bit HD
125 Mpts memory /ch
Digital trigger

The perfect choice for

HW debug/test Serial bus analysis	Power analysis
EMI debugging	Power integrity & sequencing

8	16	4	8	1
analog	logic	FFT	Math	Arb.Gen

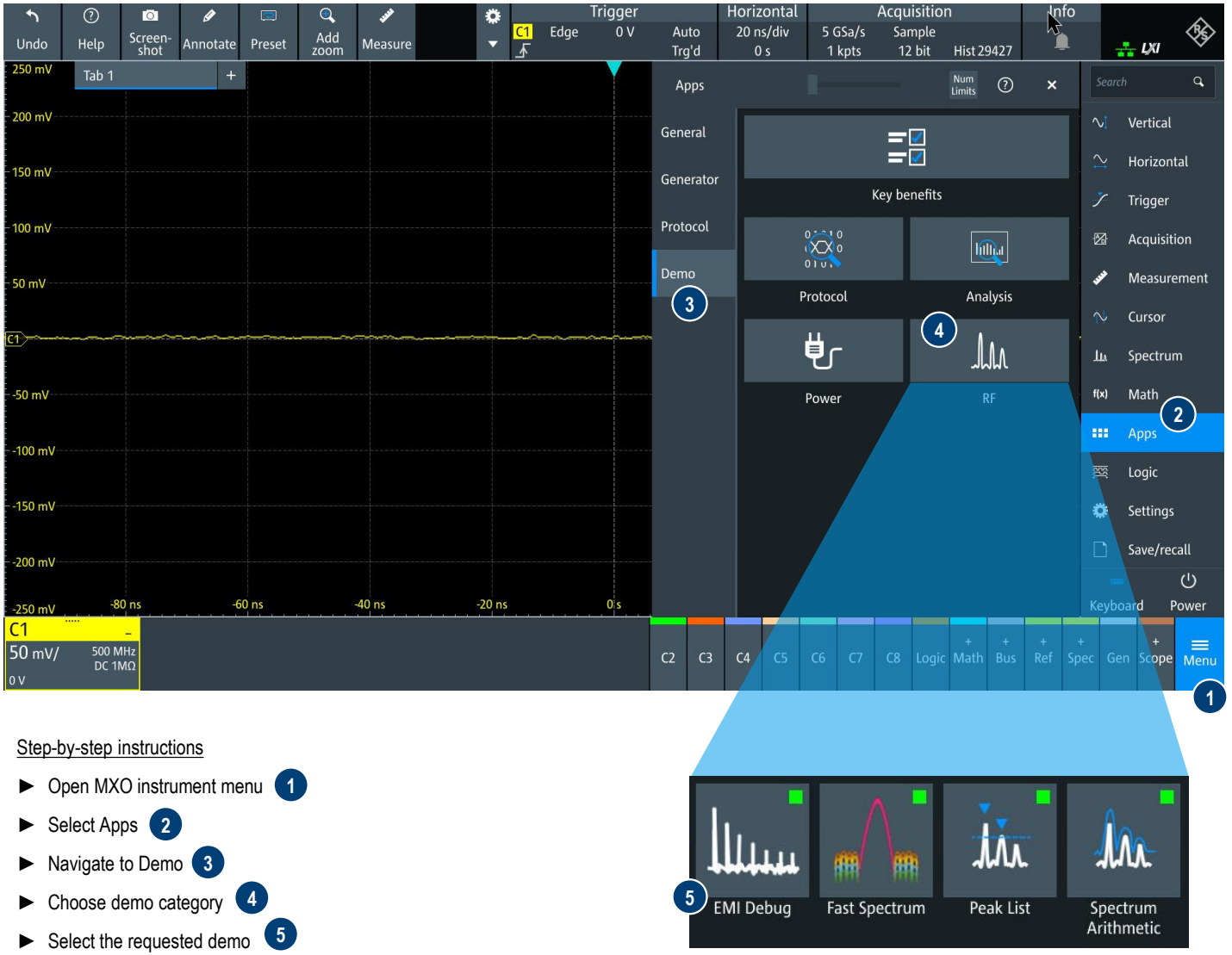
Key specifications	
Bandwidth (MHz)	100, 200, 350, 500 MHz, 1 GHz
Max. Sample Rate	5 GSa/s
Analog Channels	4 or 8
Digital Channels	16 standard (dedicated connection)
Acquisition rate	> 4.5 million acquisitions/s per channel
Vertical resolution	12-bit ADC (all sample rates), max. 18-bit in HD-mode
Standard memory depth	125 Mpts per channel (Opt. upgrade to 500 Mpts)
Display	11.6" Full-HD display with capacitive touch
VESA mount support	Yes
Operating system	Linux
Upgradable	Bandwidth, protocol trigger and decode, arbitrary waveform generator, analysis capabilities
Warranty	3 years

Technology advancement brings more complex tasks in test and measurements. The R&S®MXO 3 take on these evolving challenges by showing more signal activities in both time and frequency domain than any other oscilloscope.

The R&S MXO 3 oscilloscopes feature integrated demo capabilities that enhance customer engagement and showcase advanced functionalities. These oscilloscopes allow sales engineers to conduct live demonstrations, illustrating real-time signal analysis, advanced triggering, and extensive measurement options. By utilizing these integrated features, sales engineers can effectively highlight the oscilloscope's versatility and performance, addressing specific customer needs. This hands-on approach not only facilitates a deeper understanding of the product but also fosters trust, ultimately leading to increased customer satisfaction and sales success.

For options, prices and more information, visit
www.rohde-schwarz.com/product/MXO3

How to start a demo



Step-by-step instructions

- ► Open MXO instrument menu 1
- ► Select Apps 2
- ► Navigate to Demo 3
- ► Choose demo category 4
- ► Select the requested demo 5
- ► Follow the instructions (some integrated demos require a BNC cable)

Integrated Demos – MXO 3 series oscilloscope

Description	Status at launch
Key benefits	
Deep Memory	Planned
Digital Trigger	Ready
Fast Update	Ready
High Definition	Ready
Low Noise	Ready
Rare Errors	Ready
Zone Trigger	Ready
Protocols	
10Base-T1S	Planned
ARINC429	Planned
CAN	Ready
CAN Symbolic	Planned
CAN-FD	Planned
CAN XL	Planned
Custom NRZ	Ready
I2C	Planned
I3C	Ready
LIN	Planned
MIL-1553	Ready
RFFE	Ready
SpaceWire	Ready
SPI	Planned
SPMI	Planned
UART	Planned
Analysis	
DVM	Planned
Mask Test	Ready
Measure All	Ready
Roll Mode	Ready
Track (PWM)	Ready
XY	Planned
Power	
PWM Motor Control	Ready
Power Sequence	Ready
Bode Plot	Planned
Power Harmonics	Planned
Power Integrity	Ready
Power Quality	Planned
RF	
Fast Spectra	Planned
EMI Debug	Ready
Fast Spectrum	Ready
Peak List	Ready
Spectrum Arithmetic	Ready

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