

Plenty of Power – low consumption

The new R&S®Nx 8600 UHF TV transmitter family

The new liquid-cooled R&S®Nx 8600 high-power UHF TV transmitter from Rohde & Schwarz takes up less space, furnishes significantly more power, and – most of all – consumes 25% less energy than even the energy-saving earlier model: It's truly the champion in savings.

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75 Years of
Driving
Innovation


ROHDE & SCHWARZ

Reliable performance in transmission



Champion in saving – R&S®Nx 8600 high-power TV transmitter family

- Exceptionally low energy consumption (over 25% less than even the energy-saving earlier model)
- Substantially lower space requirement due to more power per rack
- Available for all common standards (analog and digital, terrestrial and mobile)
- Remote control: SNMP- and TCP/IP-compatible
- High-power transmitter in only one 19" rack: approx. 6kW DVB, 9kW ATSC, 15kW analog



Digital quality for analog transmission – R&S®SR 8000 VHF FM transmitters

- Fully digital exciter for highest reliability
- Power range from 10W to 2.5kW
- Extremely compact design, e.g. two height units for the 100W transmitter and eight height units for the 2.5kW transmitter
- Prepared for operation in single frequency networks
- Both (n+1) and passive standby systems can be implemented



Compact UHF/VHF low-power platform – R&S®SLx 8000 transmitters, R&S®XLx 8000 transposers and gap fillers

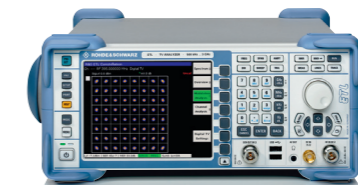
- Value for money: high quality and performance at very attractive prices
- Flexible: remote upgrade from analog to digital
- SLx8000 transmitters available for analog TV, DVB-T/H, ATSC (A-VSB ready), DAB, T-DMB
- XLx8000 transposers and gap fillers available for analog TV, DVB-T/H, ATSC (A-VSB-ready), DAB, T-DMB, MediaFLO, DTMB
- Echo cancelation option available for SFN gap fillers
- Output power ranges:
1 to 100 W (DVB-T/H)
1 to 160 W (ATSC)
20 to 250 W (analog TV)
75 to 300 W (DAB/T-DMB)

Precision in test and production



R&S®SFE broadcast tester – revolutionizing the midrange

- Excellent generation of realtime RF signals in accordance with digital and analog TV transmission standards, plus integrated noise generator and BER tester
- Ideal in production and the lab: The R&S®SFE is the right choice for both environments
- Completely modular in design, allowing it to be adapted to your individual requirements and to be expanded for future standards
- Same easy-to-operate graphical user interface as in the R&S®SFU, thus enabling you to build a complete test environment in the lab, production, or service in only a matter of moments



R&S®ETL – TV test receiver and analyzer in one box

- Exact measurements due to its excellent RF performance
- Demodulation and signal analysis in realtime
- Future-proof due to software- and hardware-based demodulators and multistandard compatibility
- Flexible with integrated spectrum analysis functionality and the capability to handle analog as well as digital standards, e.g. DVB-C (J.83/A/C), DVB-T/H, DTMB (GB 20600-2006)
- Optimum choice for portable use (with handle; only 9 kg in weight)



R&S®DVM – the multi-purpose family for measurements on digital TV signals

- Monitoring: Detection of virtually all possible errors – take preventive measures before your customers complain
- Analysis: Extensive analysis features on RF / IP, transport stream and content / elementary stream level - analyze your signals to the deepest level for any incorrectness
- Transport stream generation: wide variety of predefined signals, custom creation of signals and support of third party recordings - work with the most appropriate signal
- Transport stream recording: trigger on error function - archive signals and document detected problems
- Video and audio decoding: support of MPEG-2, MPEG-4/H.264/AVC, AC-3, SDTV, HDTV - content display independent of video and audio format in use



Service you can rely on

- | In 70 countries
- | Person-to-person
- | Customized and flexible
- | Quality with a warranty
- | No hidden terms

As the leading supplier to the broadcasting market, Rohde&Schwarz offers a complete range of state-of-the-art transmission, monitoring, and measurement equipment for network operators and the consumer industry. For further information, just contact us or visit our website.

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