



Version
02.00

July 2007

ACCESSNET[®]-T DMX-500R2 Digital Mobile eXchange

Next-generation switching technology for professional TETRA with *ACCESSNET*[®]-T

- ◆ Unlimited compatibility with all *ACCESSNET*[®]-T network elements
- ◆ Unique modular design due to very compact integration
- ◆ Optimum performance and quality of service (QoS)
- ◆ User-definable scalability allowing ideal adaptation to individual network requirements
- ◆ Live upgrade feasible
 - Superior expandability and maintenance
- ◆ Unsurpassed system reliability owing to intelligent, scalable redundancy



ROHDE & SCHWARZ

Specifications

Capacity	
Number of supported TETRA carriers per exchange	20 to 300
Number of supported base stations per exchange	10 to 150
Peripherals	
Interfaces	
Digital	basic rate interface, Ethernet LAN, primary rate interface
Analog	E & M (with additional equipment)
Protocols	DSS1, QSIG, TCP/IP, proprietary protocols
Swap-out during operation	hot swap capability
Network management system (NMS)	client/server-based, integrated, distributed

General data	
Ambient conditions	
Operating temperature range	+5 °C to +40 °C
Storage temperature range	-25 °C to +55 °C
Relative humidity	25 % to 75 %
Power supply	48 V DC (nominal)
	110 V AC (additional equipment)
	230 V AC (additional equipment)
Power consumption ¹⁾	170 W
Features	
Additional equipment	uninterruptible power supply (UPS)
	AC power supply unit (PSU)
	network database (NDB)
Dimensions (W × H × D) ¹⁾	600 mm × 630 mm × 600 mm (23.62 in × 24.80 in × 23.62 in), 12 height units
Weight ¹⁾	57 kg (126 lb)

Ordering information

Designation	Type
Digital Mobile eXchange	<i>ACCESSNET</i> [®] -T DMX-500 R2-x ²⁾

¹⁾ With a capacity of up to 60 TETRA carriers.

²⁾ Number of supported TETRA carriers per *ACCESSNET*[®]-T DMX-500 R2 (x = 20, 40, 60, 90, 120, 180, 240, 300).



www.rohde-schwarz.com

R & S Bick Mobilfunk GmbH · Fritz-Hahne-Straße 7 · 31848 Bad Münder, Germany · Tel. +49 5042 998-0 · Fax +49 5042 998-105
E-mail: info.bick@rohde-schwarz.com · www.rsbeck.de