



Version
01.00

August
2007

R&S® SLA8000 VHF DAB/T-DMB Transmitter

Extremely compact low-power transmitter family

- ◆ Transmitter for
 - DAB EUREKA147
 - T-DMB
 - DAB-IP
 - DAB+
- ◆ Frequency
 - VHF band III
 - 174 MHz to 240 MHz
 - Broadband
- ◆ Output power
 - 75 W
 - 150 W
 - 300 W
- ◆ Most compact transmitter in this power range
 - 3 HU (75 W, 150 W)
 - 4 HU (300 W)
- ◆ High efficiency
- ◆ Wide mains-power range
 - 90 V to 265 V
- ◆ Easy precorrection
- ◆ Various remote controls



ROHDE & SCHWARZ

Specifications

	R&S®SLA8075	R&S®SLA8150	R&S®SLA8300
Output power	75 W	150 W	300 W
Frequency	VHF band III, 174 MHz to 240MHz		
RF connector	N female	junction 7-16	junction 7-16
Dimensions (W × H × D)	483 mm × 132 mm × 474 mm 19.0 in × 5.2 in × 18.7 in	483 mm × 132 mm × 474 mm 19.0 in × 5.2 in × 18.7 in	483 mm × 177 mm × 632 mm 19.0 in × 7 in × 24.9 in
Weight	15 kg	20 kg	25 kg
DAB parameters			
In line with	EN 300799, EN 300401, EN 302077-2		
Input			
ETI	2 × G.703 (NI)/G.704 (NA), autodetection; BNC female with 75 Ω, high impedance, 120 Ω (with adapter); seamless switch		
GPS antenna	N female		
External reference	1 pps, 1 Hz TTL, BNC female; 10 MHz, 0.1 V to 5 V (V pp) or TTL, BNC female		
Monitoring & remote control	SNMP, web browser; parallel contacts; modem		
General data			
AC supply voltage	95 V to 265 V, 47 Hz to 63 Hz		
Power ratio	<0.9		
Cooling	air cooling by internal fan		
Environmental data			
Operating temperature range	+1 °C to +45 °C		
Storage temperature range	−30 °C to +70 °C		
Relative humidity	95%, noncondensing		
Max. operating altitude	2000 m above sea level		
Operation	graphical display, front-panel keys, LEDs for local operation and status display		
	Ethernet RJ-45 for local and remote operation via PC with web browser		
Options			
GPS receiver	internal GPS receiver board, antenna, and accessories		
SNMP agent	software key		
Parallel interface	25-pin, floating contacts		
UPS	UPS external		
Modem			

Ordering information

Type	Designation	Order No.
R&S®SLA8075	DAB/T-DMB Transmitter 75 W	5302.4008.02
R&S®SLA8150	DAB/T-DMB Transmitter 150 W	5302.4108.02
R&S®SLA8300	DAB/T-DMB Transmitter 300 W	5302.4208.02



www.rohde-schwarz.com

Europe: +49 1805 12 4242, customersupport@rohde-schwarz.com
 Americas: +1-888-837-8772, customer.support@rsa.rohde-schwarz.com
 Asia: +65 65 130 488, customersupport.asia@rohde-schwarz.com