

DIGITAL AUDIO TRANSMITTER DAB, DAB+, T-DMB DAB MULTICAST COMPACT

DAB MULTICAST COMPACT transmitters offer output powers up to 300W rms in compact format, their high RF efficiency and versatile modulation platform allow their use in DAB, DAB + and T-DMB ** standards. High stability in SFN networks thanks to the use of high quality oscillators as well as the integrated professional GPS that it incorporates.



MAIN ADVANTAGES

- Supports standards DAB, DAB+ y T-DMB** (optional).
- Frequency range: VHF (III) 170-255MHz (band L under request).
- DAB modes: I, II, III, IV.
- Network types: MFN, SFN.
- Bandwidth: 1.536MHz.
- Professional GPS integrated.
- Input switching without emission interruption.
- SNMPv2 management system.
- Integrated GbE interface.
- Adaptive linear digital pre-correction.
- Adaptive non-linear digital pre-correction with automatic curves loading for each channel and power.
- High definition display.

MODELS

	DIMENSIONS	OUTPUT CONNECTOR	OUTPUT POWER DAB / DAB+ (W rms)	MER (shoulders >37dB)
DAB 15 COMPACT	1RU	N	15	-33
DAB 30 COMPACT	1RU	N	30	-33
DAB 150 COMPACT	2RU's	N	150	-33
DAB 300 COMPACT HE	2RU's	N	300	-33

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GENERAL CHARACTERISTICS

FREQUENCY RANGE	170-255MHz in 1Hz steps
AVAILABLE STANDARDS	DAB, DAB+, T-DMB
MER	>33dB (>37dB shoulders)
AC LINE VOLTAGE	208-240Vac @47-63Hz
AC LINE VARIATIONS	±15%
POWER FACTOR	0.98
ALTITUDE	Max. 2500 metres above sea level (>2500m under request)
OPERATION TEMPERATURE	-10°C to +40°C at sea level
HUMIDITY	95%, non condensing
COOLING	Forced air
IMPEDANCE	50 Ohm
VSWR	Fold-back and switch off after a few attempts
REFERENCE FREQUENCY	10MHz, 0.1-5V (Vpp) or TTL, BNC
REFERENCE PULSE	1pps (1Hz, TTL, BNC)
REMOTE CONTROL & MONITORIZATION	Web based interface SNMP V2c (V3 on request) Telnet access via Ethernet
LOCAL	Front panel RS232 local connector
COMPLIANCE & CONFORMITY	RoHS 2002/95/EC R&TTE 1999/5/EC Security EN 60215 EMC EN 301-4891-1 FCC Part 73 WEEE 2002/96/EC Manufacturing ISO 9001:2008



** The images and/or technical specifications are subject to change without previous notice.*

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