

## 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)
EM 15 DAB	1RU	N	15	-33
EM 30 DAB	1RU	N	30	-33
EM 150 DAB	2RU's	N	150	-33
EM 300 DAB	2RU's	N	300	-33

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**GENERAL CHARACTERISTICS**

<b>FREQUENCY RANGE</b>	170-255MHz in 1Hz steps
<b>AVAILABLE STANDARDS</b>	DAB, DAB+, T-DMB
<b>POWER SUPPLY</b>	208-240Vac @47-63Hz
<b>AC LINE VARIATIONS</b>	+/-15%
<b>POWER FACTOR</b>	0.98
<b>COOLING</b>	Forced air
<b>OPERATION TEMPERATURE</b>	-10°C to +45°C at sea level
<b>RELATIVE HUMIDITY</b>	95% without condensing
<b>WEIGHT</b>	7Kg
<b>TYPICAL MER IN ALL CHANNELS</b>	>33dB (>37dB shoulders)
<b>IMPEDANCE</b>	50 Ohm
<b>VSWR</b>	Power reduction after exceeding the set value or switch off after three attempts
<b>OUTPUT CONNECTOR</b>	N(H)
<b>REFERENCE FQ SYNCHRONIZATION</b>	10MHz, 0.1-5V (Vpp) or TTL, BNC
<b>REFERENCE PULSE SYNCHRONIZATION</b>	1pps (1Hz, TTL, BNC)
<b>REMOTE CONTROL AND MONITORIZATION</b>	Web based interface SNMP V2c (V3 on request) Telnet access via Ethernet
<b>LOCAL</b>	Front panel RS232 local connector
<b>CONFORMITY</b>	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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