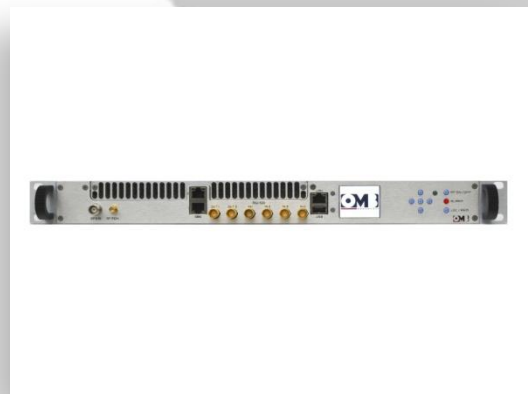


## DIGITAL AUDIO TRANSMITTER DAB, DAB+, T-DMB DAB MULTICAST COMPACT

**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<br>DAB / DAB+ (W rms) | MER<br>(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

|                                          |                                                                                                                                               |
|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <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<br>SNMP V2c (V3 on request)<br>Telnet access via Ethernet                                                                 |
| <b>LOCAL</b>                             | Front panel<br>RS232 local connector                                                                                                          |
| <b>CONFORMITY</b>                        | RoHS 2002/95/EC<br>R&TTE 1999/5/EC<br>Security EN 60215<br>EMC EN 301-4891-1<br>FCC Part 73<br>WEEE 2002/96/EC<br>Manufacturing ISO 9001:2008 |



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

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