

## ART 700

### 700W DAB/DAB+ COMPACT TRANSMITTER

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- “ **BROADBAND DOHERTY** – Very high efficiency
- “ Compact, flexible and light
- “ **Linear & non-linear adaptive precorrection**
- “ Front panel display, SNMP & Web GUI controls
- “ Magnetic cover with removable **air filter**
- “ Integrated GPS/Glonass receiver for **SFN** operation as option
- “ Option for modular configuration with single or dual exciter



- Hot-pluggable power supply units
- Partial redundant power supply
- Easy plug fans

## GENERAL SPECIFICATION

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|--|---|
| <b>Output frequency range</b>              | Frequency agile in the VHF BIII 174 to 230MHz   |
| <b>Output Power (before output filter)</b> | 700Wrms (tol. +0/-0,5dB)  |
| <b>Output connector</b>                    | DIN 7-16 female   |
| <b>DAB Modulator</b>                       | DAB, DAB+ Mode I, II, III and IV. MFN and SFN operation<br>Fully compliant with standard TS 102 428 |
| <b>Inputs</b>                              | 2x EDI - Ethernet RJ45 (option)<br>2x ETI - BNC 75 Ω  |
| <b>Digital Adaptive Precorrection</b>      | Linear and non-linear with PAPR and clipping protection   |
| <b>MER</b>                                 | ≥33dB   |
| <b>Housing</b>                             | Rack Drawer 19" 3U  |
| <b>Weight</b>                              | <30Kg   |
| <b>Typ. efficiency</b>                     | ≥40%  |
| <b>AC input voltage/ frequency</b>         | 90 to 264Vac 47/63Hz single phase (full output power from 176 to 264Vac)                            |



All specifications contained in this document may be changed without prior notice