

DAB/DAB+ TRANSMITTERS

MEDIUM AND HIGH POWER

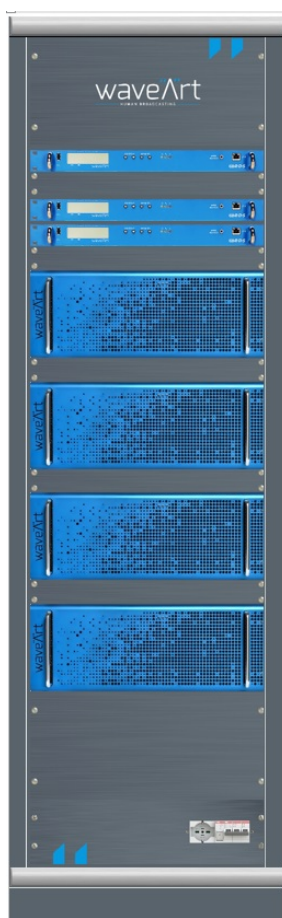


- **BROADBAND DOHERTY** – Very high efficiency
- Compact (up to 1400W), flexible and light
- Linear & non-linear **adaptive** pre-correction
- Front panel display, SNMP & Web GUI for controls
- Magnetic cover with removable **air filter** inside
- Built-in GPS receiver for **SFN** operation
- Modular configuration with single or dual exciter
- Hot-pluggable power supply units
- Partial redundant power supply units
- Easy plug fans



GENERAL SPECIFICATION

Output frequency range:	Frequency agile in the VHF BIII 174 to 230MHz
Output connector:	DIN 7-16 female, FL 7/8", FL 1+5/8" (according to the output power)
DAB Modulator:	DAB, DAB+ Mode I, II, III and IV. MFN and SFN operation Fully compliant with standard TS 102 428
Inputs:	2x ETI - BNC 75 Ω 2x EDI - Ethernet RJ45 (option)
Digital Adaptive Precorrection:	Linear and non-linear with PAPR and clipping protection
MER:	≥32dB
Typ. efficiency:	≥40% (compact versions), ≥38% (high power versions)
AC input voltage/frequency:	90 to 264Vac 47/63Hz single phase (full output power from 176 to 264Vac)



Model	Power (before filter)	Configuration	Weight	Dimensions
ART250	250W rms	Compact	<25Kg	19" 3U
ART500	500W rms	Compact	<28Kg	19" 3U
ART700	700W rms	Compact	<30Kg	19" 3U
ART900	900W rms	Compact	<30Kg	19" 3U
ART1300	1300W rms	Compact	<30Kg	19" 4U
ART1800	1800W rms	Driver + 2 amplifiers	<200Kg	Rack 25U
ART2500	2500W rms	Driver + 2 amplifiers	<250Kg	Rack 25U
ART3500	3500W rms	Driver + 4 amplifiers	<300Kg	Rack 38U
ART5000	5300W rms	Driver + 4 amplifiers	<320Kg	Rack 38U

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