

## ART 5000

### 5,2kW DAB/DAB+ TRANSMITTER



System Control & Automatic Changeover  
Driving Unit "A"  
Driving Unit "B" (option)

Power Amplifier A

Power Amplifier B

Power Amplifier C

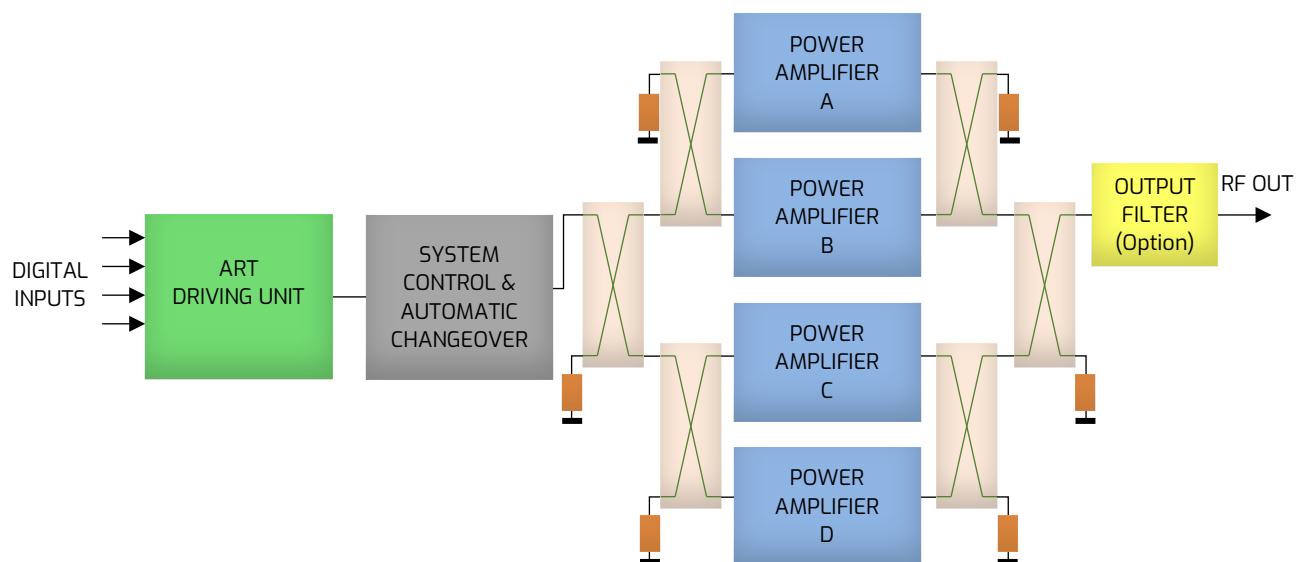
Power Amplifier C

Mains switch

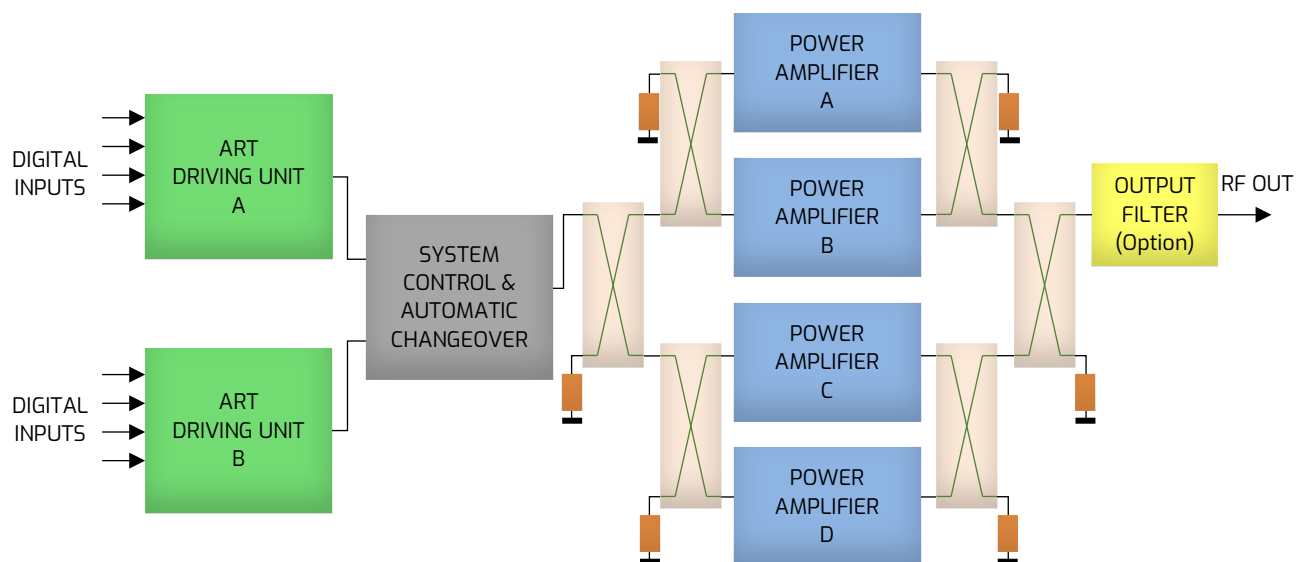


- “ BROADBAND DOHERTY – Very high efficiency
- “ Hot-plug Power Supply Units and easy plug fans
- “ Redundant power supply units as option
- “ Linear & non-linear adaptive precorrection
- “ User friendly local control with on-board display
- “ Remote monitoring and control via WEB GUI, SNMP
- “ Integrated GNSS receiver for SFN operation as option
- “ Dual-Drive option

## ART5000 – SINGLE DRIVER CONFIGURATION



## ART5000 – DUAL DRIVER CONFIGURATION



## GENERAL SPECIFICATION

<b>Output frequency range</b>	Frequency agile in the VHF BIII 174 to 230MHz
<b>Output Power (before output filter)</b>	5,2kWrms (tol. +0/-0,5dB)
<b>Output connector</b>	EIA 1+5/8" flange
<b>DAB Modulator</b>	DAB, DAB+ Mode I, II, III and IV. MFN and SFN operation Fully compliant with standard TS 102 428
<b>Inputs</b>	2x EDI - Ethernet RJ45 (option) 2x ETI - BNC 75 $\Omega$
<b>Digital Adaptive Precorrection</b>	Linear and non-linear with PAPR and clipping protection
<b>MER</b>	$\geq 33$ dB
<b>Housing</b>	Rack Cabinet 19" 38U
<b>Weight</b>	<320Kg
<b>Typ. efficiency</b>	$\geq 38\%$
<b>AC input voltage/ frequency</b>	400Vac three phase, other on request



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