



## MTX SERIES: MULTISTANDARD MULTIMODE DIGITAL & ANALOG TERRESTRIAL TV TRANSMITTER LINE

### CONFIGURATION EXAMPLE:

1,2KW UHF DIGITAL TV TRANSMITTER (DUAL DRIVER – SINGLE AMPLIFIER)



Output filter 6C - option

Automatic Changeover Unit

MTX – Driving Unit “A”

MTX – Driving Unit “B” (standby) - option

Amplifier 1250W

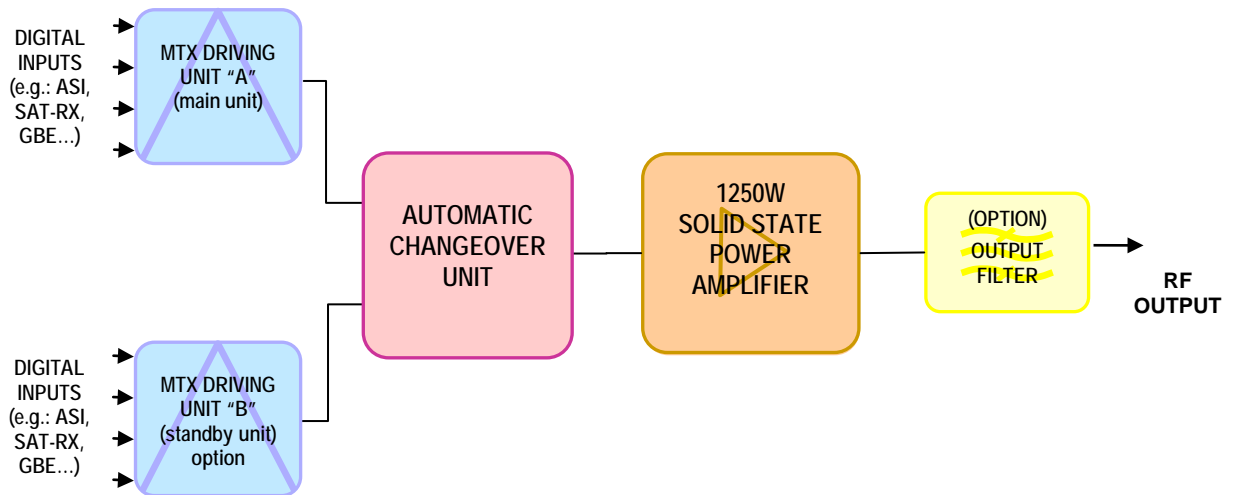
Mains switch

The “MTX” is a Software Defined Radio Transmitter /Transposer Series easily configurable or re-configurable as analog or digital multistandard unit.

ANALOG - DVB-T/H - DVB-T2 - ISDB-T/Tb - ATSC



## MTX D 1K /U -DD (DUAL DRIVER) BLOCK DIAGRAM



### MTX D 1K /U -DD Standard specification

#### GENERAL SPECIFICATIONS

Output frequency range:	UHF 470 to 860MHz in 1Hz steps
Output Power (before output filter):	1200W rms (tol. +0/-1dB)
Output connector:	Flange 7/8"
MER:	≥35dB
Shoulders attenuation (before output filter):	38dB typ.; (min. ≥ 36dB)
Housing:	Rack Cabinet 19" 25U; dimension: 570 x 1250 x 870 mm (W x H x D)
Power consumption:	<6,5KVA (typ. 5KVA) – Standard Broadband Configuration <4,5KVA (typ. 3,6KVA) – High Efficiency Narrowband Configuration (with reduced MER and shoulders performances)
Power supply:	400 Vac ±10% 50/60Hz three phases (different power supplies and tolerances available on request)

#### Notes:

For standard specifications and general description, please refer to "MTX series" brochure.  
For TV transmitter driver technical specifications please refer to "MTX series – driving unit" brochure.

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