



DAB+ / DMB Transmitter

TX-DAB Series



Features

- High reliability TetraFET power amplifiers
- Digital pre-correction
- Compact 3U solution saves real estate
- SFN capability with integrated GPS receiver
- Integrated modulator and 10W, 100W or 200W amplifier
- Complete ETI in - Antenna out broadcast system

Applications

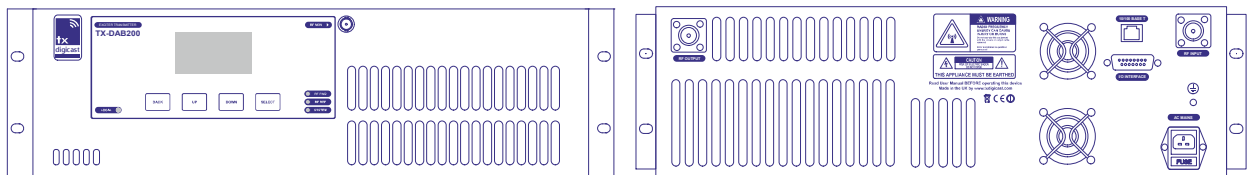
- Cost saving national network transmission
- Independent multiplex operators
- Small Scale DAB broadcasting
- SFN or mutli-frequency networks

Ideal not only for network densification and local DAB networks, the TX-DAB range can also be used as a state-of-the-art drive for higher power installations.

As a standalone solution, these transmitters provide a complete and highly reliable broadcast service in one compact product.

Available in a range of power outputs, the user can control every essential aspect of the OFDM signal, including synchronisation and pre-correction.

The TetraFET amplifiers operate continually, even under adverse conditions. Monitoring can control can be done either via the front panel controls or via a remote PC using an intuitive Windows™ GUI.



Specifications

Dimensions:	133 x 404 x 505 HxWxD (mm)	Voltage:	110 - 240 ac 50/60Hz
Weight:	18kg (TX-DAB200)	Output Power:	200W
Inputs:	BNC x 2 (Satellite RX option)	Power stability:	Better than 0.25dB
RF output:	N female 50 ohm	Load mismatch:	VSWR 2:1 (all phase angles)
RF monitor:	BNC female 50ohm (nominal -40dB)	IP shoulder (pre-filter):	>-30dB
I/O Control:	15-way sub-D female, Ethernet (option)	Spurious (post filter):	ETSI EN302077-1
Temperature:	+5 to +40 C		
Cooling:	Forced air (temperature controlled fans)		

Tomorrow s Broadcast Solutions

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