



350 Watt DAB/DAB+ Modulator Transmitter

TX-DAB350



ECO FRIENDLY
LOW RUNNING
COSTS



Features

- Ultra-efficient Doherty amplifiers
- Digital pre-correction
- Compact 3U solution saves real estate
- SFN capability with integrated GPS receiver
- Complete modulator/transmitter

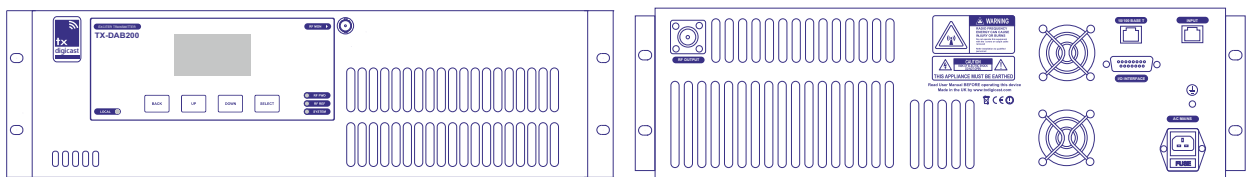
Applications

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

TX-DAB350 is a state-of-the-art DAB broadcast transmitter. As a standalone solution, these transmitters provide a complete and highly reliable broadcast service in one compact product. Energy consumption is greatly reduced by the Doherty Amplifier efficiency, providing a massive on-going cost saving.

TXDAB350 constantly optimises internal circuitry to provide a stable and reliable broadcast service. The user can control every essential aspect of the OFDM signal, including synchronisation and pre-correction. Monitoring and control can be performed either via the front panel controls or via TCP/IP (option).

Designed by DAB specialist broadcast engineers with over two decades of digital audio broadcasting experience, the TX-DAB350 joins a range of cost saving professional transmission products in-use with broadcasters and network operators worldwide.



Specifications

Dimensions:	133 x 404 x 505 HxWxD (mm)	Voltage:	110 - 240 ac 50/60Hz
Weight:	18kg (TX-DAB200)	Output Power:	350W
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)		

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