



DAB+ / DMB RF Amplifier

TX-AMP Series



Features

- LDMOS technology
- Compact 3U size with up to 200W output
- Front panel LCD and PC GUI-based control and monitoring
- Temperature controlled cooling

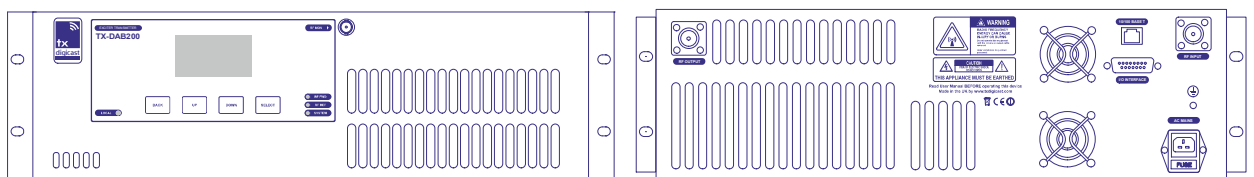
Applications

- Major networks and Small Scale DAB
- A-chain systems
- B-chain reserve

The TX-AMP series of RF Amplifiers provide a compact and highly reliable DAB+ / DMB solution.

Conservatively rated output devices and power supplies ensure a long service life without maintenance, even in demanding environments. Parameters can be monitored and controlled via a front panel Graphic display, or SNMP/Ethernet protocols (option).

The standard 3U rack mount design allows easy integration, and provides a convenient platform for multi-amplifier, higher power combined systems.



Specifications

Dimensions:	133 x 404 x 505 HxWxD (mm)	RF input:	N female 50 ohm	OdB nominal	Band III 174 - 240MHz
Weight:	18kg	RF output:	N female 50 ohm	Output Power:	200W
RF input:	N female 50 ohm	RF monitor:	BNC female 50ohm (nominal -40dB)	Power stability:	Better than 0.25dB
RF output:	N female 50 ohm	I/O Control:	15-way sub-D female / Ethernet (option)	Load mismatch:	VSWR 2:1 (all phase angles)
RF monitor:	BNC female 50ohm (nominal -40dB)	Temperature:	+5 to +40 C	IP shoulder:	>-30dB
I/O Control:	15-way sub-D female / Ethernet (option)	Cooling:	Forced air (temperature controlled fans)	Spurious (post filter):	ETSI EN302077-1
Temperature:	+5 to +40 C	Voltage:	110 - 240 ac 50/60Hz		

Tomorrow's Broadcast Solutions

www.txdigicast.com info@txdigicast.com

TX DigiCast, Unit 19 Richmond Crescent, Mossley, Lancashire OL5 9LQ, United Kingdom

We reserve the right to alter specifications without notice. E&OE. Illustrations are for guidance only and do not form a contract.