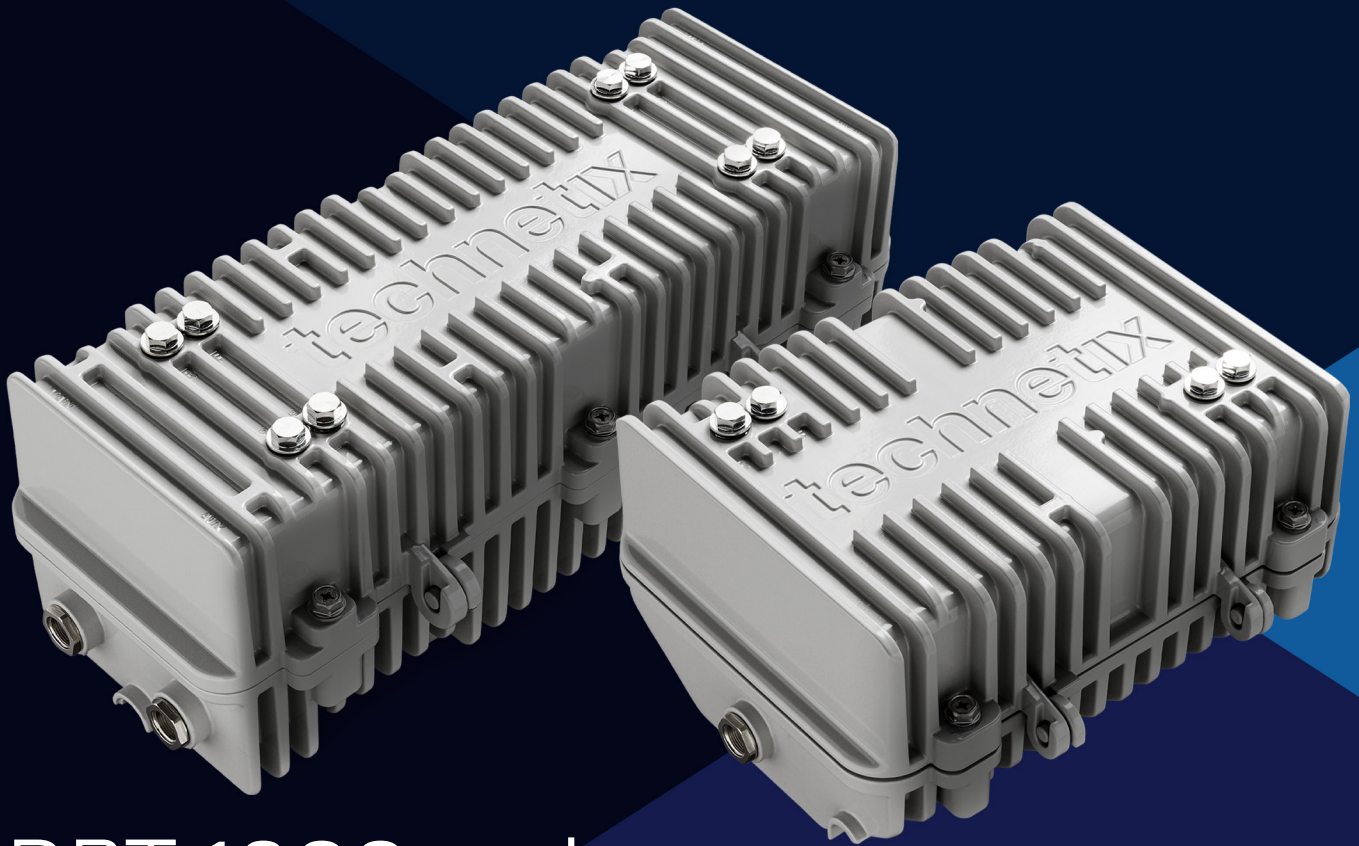


**technetix**



# DBT-1800 series

---

**technetix.com**

+1 (866) 956-5608

technetix.customerservice@technetix.com



# The future of HFC is here

---

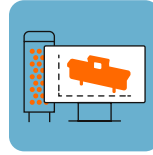
The Technetix DBT-1800 smart amplifier is the next-generation HFC amplifier designed to satisfy operator needs for network upgrades necessary for supporting multigigabit services. Backward-compatible with existing GainMaker amplifiers, the DBT-1800 series ensures minimal disruption to end users and minimal operator expense during the upgrade process.

The amplifier's optimized performance in DOCSIS 3.1 and DOCSIS 4.0 is a natural evolution of HFC networks worldwide, built on the capabilities of Technetix DBx smart amplifiers, providing the next step in amplifier intelligence. With a 10-year track record, the DBT-1800 series is an unequalled way to evolve your HFC network.



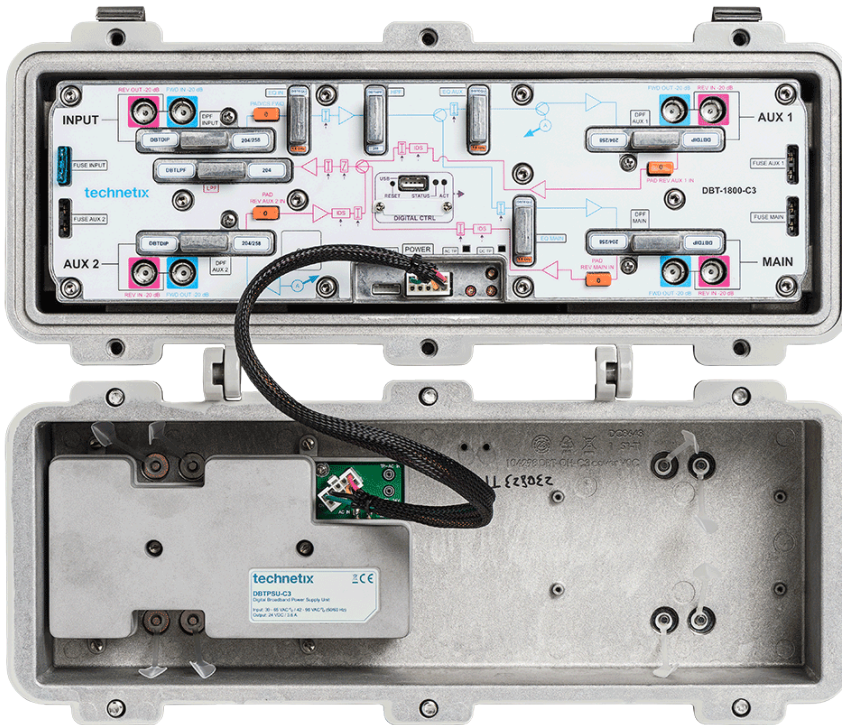
## The path to DOCSIS 4.0

DBT-1800 DOCSIS 4.0 is the next- generation of the DOCSIS standard, capable of supporting speeds of up to 10 Gbps. Following SCTE 273, DBT has been specially designed to meet the expectations of MSOs upgrading the HFC network to the next level.



## Versatile design

The DBT-1800's design facilitates individual plug-in replacement. Automated plug-in detection and calibration provides a simple and resource-light upgrade method, extending the amplifier's lifespan across moves from DOCSIS 3.1 to DOCSIS 4.0.

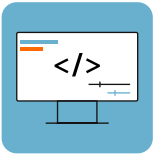


DBT-1800-C3



## Auto-alignment and all-electronic level and slope control

Auto-alignment ensures the amplifier is properly aligned in upstream and downstream with minimum impact for the end user. Compensation The next generation of compensation with all-electronic level and slope control allows for easy adjustment to the output level and slope of the amplifier in extreme situations. This not only reduces the number of truck rolls, but facilitates easier installation and maintenance.



## Software-based configuration

The DBT-1800 simplifies the configuration process, eliminating the need for plug-ins and reducing the use of external pads. In addition to streamlining configuration, operators are able to configure and monitor the DBT-1800 remotely, saving cost and time.



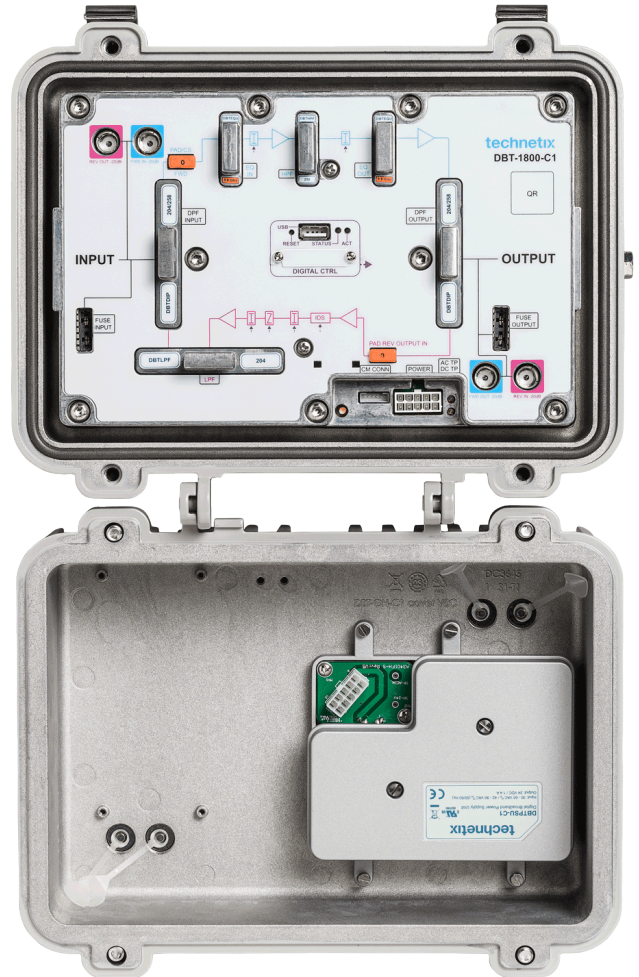
## Technetix configuration tool

Our user-friendly field engineer app accommodates broad support for hardware (Windows, MacOS, Android, iOS) and uses cloud-based functionalities. Always up-to-date, our tool facilitates network evolution as required, providing operators with slick scalability.



## Optimize today, evolve tomorrow

DBT-1800 SERIES smart design offers unparalleled performance working in 1.2 GHz, sustaining quality signal levels with minimum impact to operations. Crucially, the amplifier is pre-prepared for next generation network upgrade: the Technetix configuration tool enables a low-impact evolution to 1.8 GHz, speeding up installation and upgrade time.



DBT-1800-C1

© Copyright 2023 Technetix Group Limited. All rights reserved.

This document is for information only. Features and specifications are subject to change without notice. Technetix, the Technetix logo and certain other marks and logos are trademarks or registered trademarks of Technetix Group Limited in the UK and certain other countries. Other brand and company names are trademarks of their respective owners. Technetix protects its technology and designs by registering patents, trademarks and designs in Europe and certain other countries.