



Multitel
Railway Certification

ERTMS LAB TOOLS

Portable Balise Analyser



The 'Portable Balise Analyser' is able to automatically analyse the Uplink signal of the balise.

■ Put, Click, Done!

Put... - The Portable Balise Analyser on the Balise.

Click... - Simple to connect and launch the analysis.

Done! - The results of your measurements are ready in a couple of minutes!



The Railway Certification department of Multitel is specialized in ERTMS testing solutions. It gives support to the certification, provides performance and reliability test solutions to railway industry and offers maintenance solutions, train/track validation and validation support of ERTMS deployment to railway infrastructure managers.

■ Description

- Built-in telepowering and uplink antenna
- Single board computer with SSD drive for data acquisitions
- Laptop with dedicated software

■ Functionalities

- Uplink signal is analysed in fully automatic mode
 - Centre Frequency
 - Amplitude Jitter
 - Frequency Deviation
 - Mean Data Rate
 - Maximum Time Interval Error
 - Telegram Decoding
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■ On-site data analysis

- The system is able to give the results of the analysis on-site in less than 3 minutes !
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■ Software functionalities

- Visualize multiple measurements simultaneously
- Monitor and control the Portable Balise Analyser
- Store all the acquisitions
- Reload previous acquisitions to further reviews
- Battery control monitoring system

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