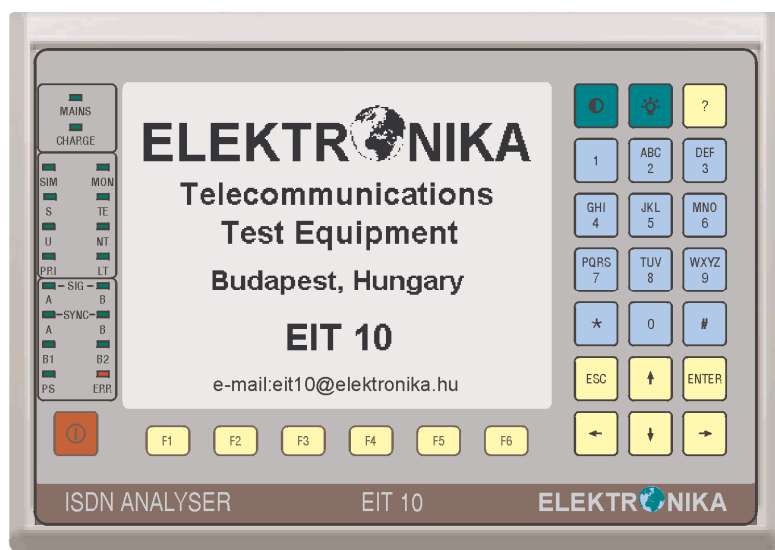




FEATURES

- BRI TE and NT simulation, monitoring
- PRI TE and NT simulation, monitoring
- Dual U interface for troubleshooting between the NT and the Exchange
- B-channel voice and D-channel signaling monitor
- EDSS1, V5.1/V5.2, QSIG, SS7 protocols
- Analysis of CAS (R1,5; R2)
- Automatic test of the supplementary services: CLIP, CLIR, COLP, COLR, CFU, CFB, CFNR, AOC, DDI, SUB, UUS
- Physical Layer testing
- Power feeding measurements with external adapters
- BERT bit error test with evaluation in accordance to G.821 / G.826
- Large store-recall memory for test results
- PC software for analysis of signalling data and control
- Selectable English or Russian languages
- LED indicators showing status of line signal

APPLICATIONS

The **ISDN ANALYSER EIT 10** is a hand-held battery operated, multifunction - measuring instrument, intended for testing and qualifying Basic & Primary Rate ISDN.

The EIT 10 provides a complete range of test functions for installation and maintenance of the ISDN.

In the simulation measuring modes, the EIT 10 can be used at different reference points to check the functions of the ISDN.

In monitor mode, the EIT 10 can monitor B-channel voice and D-channel signaling. It displays and records the decoded D-channel data. The EIT 10 is the ideal solution to find out and solve the problems arisen during the operation of the ISDN.

The analyser can function as a telephone handset for performing in-service talk/listen or it can monitor voice quality and tones.

MEASURING MODES

Simulation

TE Mode: simulates the TE towards the NT and checks the ISDN services

NT S Mode: verifies operation of TEs without making calls into the ISDN

NT U Mode: simulates the NT towards the exchange

LT Mode: simulates the LT and checks the local loop.

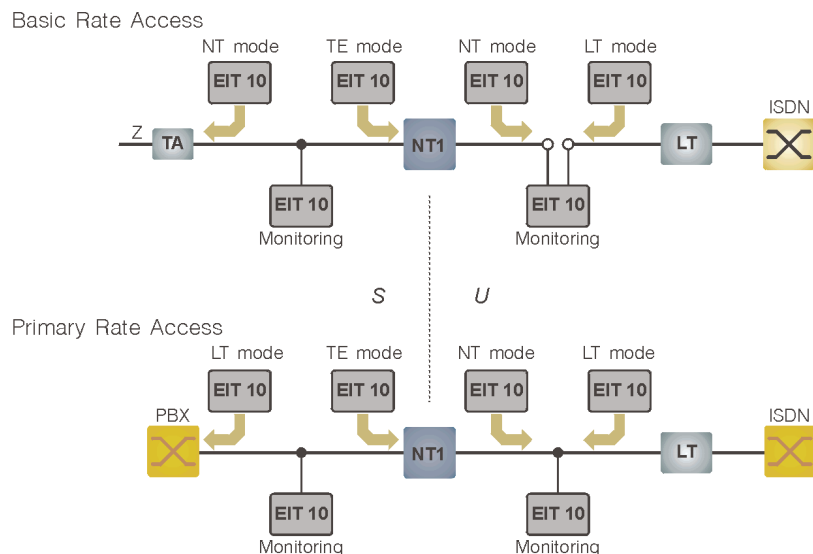
Monitoring

S: monitors both the NT-TE and the TE-NT directions

U: works as an U-interface repeater

PRI: monitors 2 Mbit/s lines and decodes different protocols.

Measuring arrangements



SPECIFICATIONS

Basic rate access (2B+D)

S interface

Electrical characteristicsITU-T Rec. I.430,
ETS 300 012
Connector..... RJ 45
Mode high impedance,100 Ω
Power feed external, PS1

U interface

Layer 1 specifications.....ETSI
Connectors..... RJ 11
Code..... 2B1Q
ModeLT, NT, Repeater
Power feedexternal

Primary rate access (30B+D)

E1 interface

Electrical characteristicsITU-T Rec. I.431,
ETS 300 011
Connector..... RJ 45
Mode75 Ω, 120 Ω, high impedance
Receiver sensitivity..... >30 dB

CLK interface

Input ITU-T Rec. G.703
Connector..... RJ 9

Coding law

Selection by software A law, μ law

General specification

Power supply

Internal rechargeable battery pack

Operation time..... approx. 8 hours

External charger mains adapter

Charging time.....less than 3 hours

Display 320 x 240 dot graphic LCD
with backlight

LEDs 18pcs (general, settings, line states)

Serial interface.....USB 1.1

Ambient temperature range

Operating 0 to +50°C

Storage and transport -20 to +70°C

Dimensions..... 224 x 160 x 44 mm

Weight (including battery pack) approx. 1.5 kg

Ordering information

ISDN ANALYSER EIT 10354-000-000

Including:

Operating manual

Mains adapter

Measuring cable set

U2 Power feed

S Power feed

USB cable

Carrying case

Demo program

Option:

SS7 protocol SW 354-510-000

V5.1/V5.2 protocols SW 354-530-000

PC software for analysis
of signalling data and control SW 354-540-000

Analysis of CAS SW 354-550-000

Calibration Report CR 354-000-000E

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Get quick assistance without international delays.

ELEKTRONIKA reserves the right to change specifications without prior notice !

21. 09. 2009.