

uct 21

CLIP tester



APPLICATION

The UCT 21 is very easy to operate. The user picks a test signal from the accompanying track list, plays the signal on an audio CD player or CD ROM player and checks the response of the equipment under test.

The left channel of the audio CD player/CDROM player serves as signalling and ringing channel, the right channel as data channel for FSK data. Before initial operation both channels have to be equalized manually by adjusting the calibration tuner. This is carried out with the help of a calibration track on the CD. With the built-in VU meter of the CLT 1000, the customer can verify the calibration of the instrument.

KEY FEATURES:

- **Testing of CLIP function on NTE**
- **Includes ETS 300 778-1 for Off-Line-Operation**
- **Other Standards and test signals available**
- **CDs with customers' specific test packages can be provided**
- **For Use in Development, Production and Service environments**
- **Multi Standard CLIP Signals delivered on CD**

TECHNICAL SPECIFICATIONS:

Ringing Voltage	
Range	0 to 75 V _{eff}
Accuracy	at calibration with built-in VU-Meter ± 5 V
Ringing Frequency	
Value	20 to 60 Hz (CD track)
Accuracy	± 0.1 Hz
Calling sequence	Any sequence
Overloading	Current-powered overloading control with built-in, short-circuit resistant
DC-Feeding	
Value	24 V or 48 V, manual switch
Accuracy	1,5 %
Feeding resistor	
Value	1 K Ω
Accuracy	1,5 %
Polarity of Feeding	Manually or CD-controlled
Loop current	Identification circuit reacts at 13 mA ± 15 %
Coupling capacitor	220 µF
Loudspeaker	Internal
Calibration	Via built-in VU-Meter or external measurement instrument
Option: Artificial Line	1 to 10 km in steps of 1 km, Ø 0.6 mm
Delivery format	UCT 21 + power cable Audio connection cable Cinch-Cinch + adapter Cinch-Jack 3.5 mm Operation manual CLIP CD1 and CD2
Dimensions	450 mm x 90 mm x 320 mm (wxhxd)
Mains power supply	115/230 V AC (60/50 Hz), Protection Class 1
Service and warranty	One-year warranty Extended product service and support agreements can be provided on request

Customized versions can be provided on request.

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