MR2 or MR-PRO?

The Minirator is available as MR2 and MR-PRO. While the MR2 has been optimized for "Value at a most attractive price", the MR-PRO has been developed with additional innovative functionality for even more demanding applications.

	MR2	MR-PRO
Generator		
Output Level max.	8 dBu	18 dBu
Flatness	+/- 0.5 dB	+/- 0.2 dB
Output Impedance	200 Ω	12.5 Ω
THD+N typical	< -90 dB	< -96 dB
Measurement Functions		
Phantom Power Measurement		✔
Impedance and Balance		✔
XLR Cable Tester		✔
Wave Forms		
Sine, Stepped & Cont. Sweep	✔	✔
Pink Noise, White Noise	✔	✔
Polarity- and Delay Test Signal	✔	✔
Proprietary Wave Files (*.WAV)		✔
Protective Shock Jacket		✔
Hand Strap, USB Cable	✔	✔
NTI article codes	600 000 300	600 000 310

Accessories

Cable Test Plug
for MR-PRO
NTI Art.No 600 000 311

-40dB Adapter
for high quality mic signals
NTI Art.No 600 000 312

70V/100V Adapter
for MR-PRO
NTI Art.No 600 000 313

Mains Power Adapter
for MR2 / MR-PRO
NTI Art.No 600 000 301

Pouch MR2/MR-PRO
Belt pouch
NTI Art.No 600 000 302

Calibration Certificate
for MR2 / MR-PRO
NTI Art.No 600 000 303

MINIRATOR MR-PRO

Enhanced Analog Audio Signal Generator

Sine Wave, Sweeps, Noise & more

Proprietary Wave Forms (*.WAV)

Impedance Meter

Cable Tester

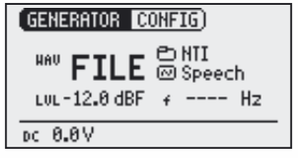
+18 dBu Max. Output Level

THD+N < -96 dB (0.002%)

The MR-PRO is an extremely powerful analog audio generator to satisfy every need for the professional engineer. Proprietary user wave forms may be loaded via USB into the internal flash memory. Innovative and unique technology includes continuous monitoring of the impedance of the connected load, the signal balance and the phantom power. Plus the integrated cable testing promotes MR-PRO to the level of a cable analyzer, simplifying trouble shooting tasks. MR-PRO includes all functions of the Minirator MR2.

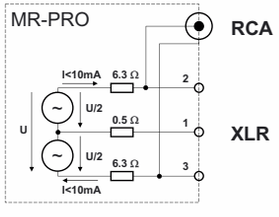
Basic Signals

MR-PRO offers the same range of audio signals as the MR2. The optimized output stage features even lower residual distortion than the MR2, combined with an extended level range up to +18 dBu.



User Wave Forms (*.WAV)

A number of user test signals may be stored as uncompressed WAV-files in the MR-PRO memory. The selected file is seamlessly looped. Data exchange is simplified via the USB port.

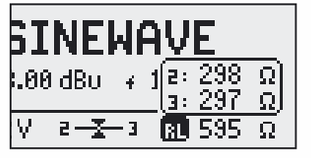


Compensated Output Stage

The output level corresponds over a wide range of loads to the set output voltage based upon the output impedance of the generator. Possible maximum limits when reaching the output current limit are clearly indicated.

Measurement Functions

Sophisticated and unique technology continuously measures load impedance, balance and any phantom power voltage, providing a detailed view of the connected load for rapid fault finding.



Cable Test

The built-in cable tester verifies the proper 1:1 pin connection through any cable connected between the XLR output and the built-in XLR input. Alternatively an optional Cable Test Plug may be used for single ended installations.

Store Preset Configurations

Up to 10 complete instrument configurations can be stored in the internal flash memory and reloaded for repetitive tasks. The saved settings may also be transferred to other Minirator MR-PRO instruments.