

DMX Measurement Tool / Tester

DMX/RDM tester

Professional DMX-512 measurement tool and tester for lighting technicians and lighting installers.

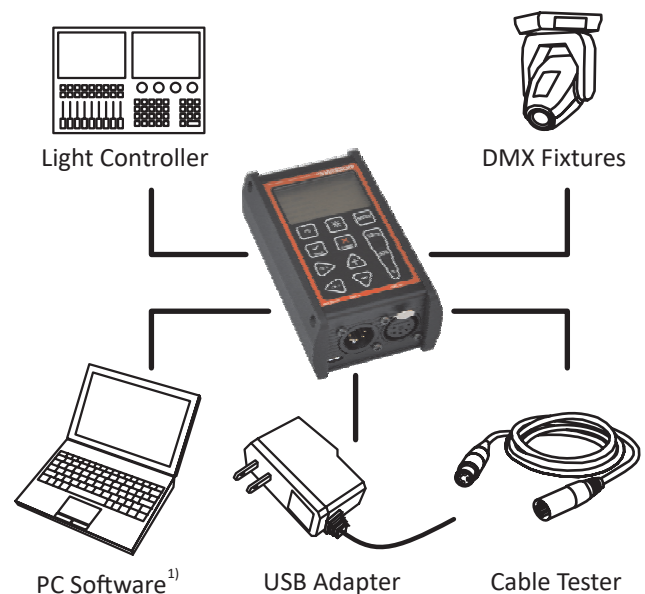
The DMX/RDM tester is the new generation of powerful DMX-512 measurement and test equipment for architecture, entertainment, film and TV lighting and installations using DMX512. The versatile functions of the DMX/RDM tester simplify the debugging of lighting and installations, or any application where DMX is used to control lighting.

The unit can monitor DMX-512 signals as well as analyze and display them. The device can also generate DMX-512 signal and supports the control of more complex DMX-512 fixtures such as moving lights. The testing of RGB LED lighting with many channels is easy to do with the DMX/RDM tester. With additional features such as cable tester, timing analysis, sequence editor, channel "tracer", dip-switch display, flicker finder, and Min / Max display this device is ideal for troubleshooting and resolving DMX-512 signal challenges and yet remains very simple to operate.

The DMX/RDM tester can be connected via USB to a PC. The Windows software¹⁾ allows managing the fixture library for intelligent devices and new firmware updates.

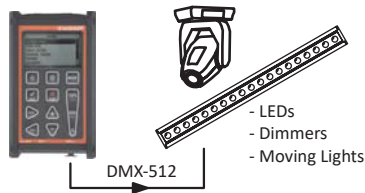


- **DMX Receiver**
- **DMX Transmitter**
- **RGB LED Control**
- **Moving Light Control**
- **Cable Tester**
- **Channel Tracer**
- **Dip-Switch display**
- **Programmable sequence**
- **Timing analyzer**
- **Adjustable DMX frame rate**
- **PC Software¹⁾**
- **And more**



DMX/RDM tester (A610691)

Generate and send DMX

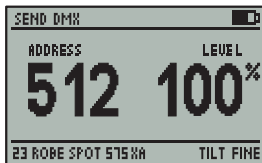


The DMX/RDM tester generates DMX-512. It allows you to test individual lighting fixtures or the entire installation. All 512 channels can be edited.

Receive and regenerate DMX



The DMX/RDM tester forwards the received DMX signals. Thus, an installation can be analyzed during operation.



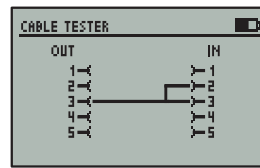
DMX transmission view



Fixtures Patch

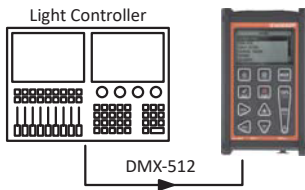
Additional channel information is displayed if the specific device is patched.

Cable tester



The cable tester allows a quick check of the DMX cable. Connections, open contacts and short circuits are clearly displayed.

Receiving & analyzing DMX



Any DMX signal can be received with the DMX/RDM tester. The channel values are shown in real time. The values can be displayed graphically or as tables.

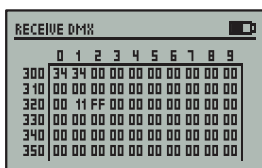
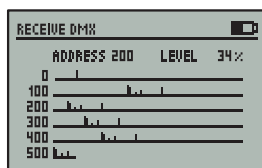
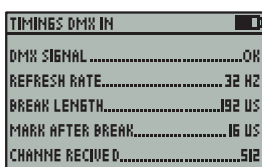


Table View

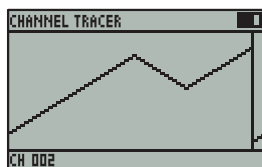


Graphical View

The most important DMX timings can be analyzed and displayed. The channel tracer shows the progress of a single DMX channel in real time.



DMX timing



Channel tracer

Scenes and sequences

It's possible to snapshot scenes from the light controller. Scenes can also be created and edited on the DMX/RDM tester. Scenes can be combined into a sequence. The DMX/RDM tester can also be used as simple light controller.

Technical data²⁾

Battery	9V Block
PC connection or supply	Micro-USB B
Operating temperature	0 - 45 [°C]
DMX channels	512
Sequences	1
Sequence steps	99
Scenes	32
Cable tester	5 pin
DMX input	1
DMX termination	yes
DMX output	1