DMX Measurement Tool / Tester

XMT-120A

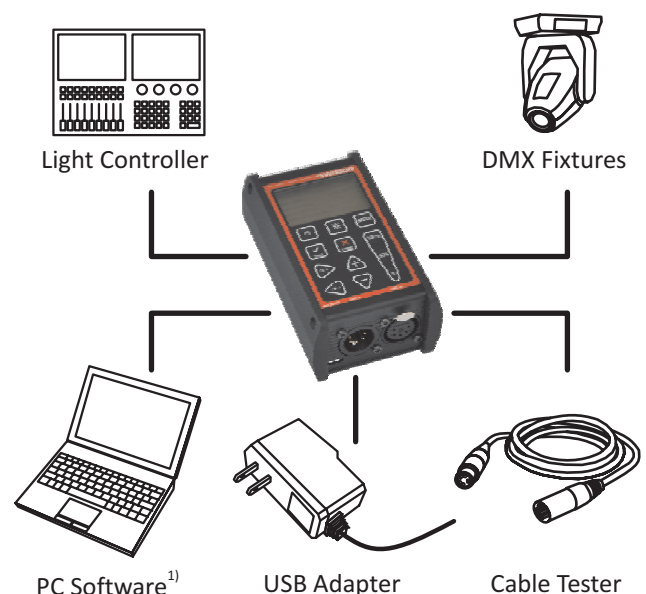**Professional DMX-512 measurement tool and tester for lighting technicians and lighting installers.**

The XMT-120A 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 XMT-120A 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 XMT-120A. 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.
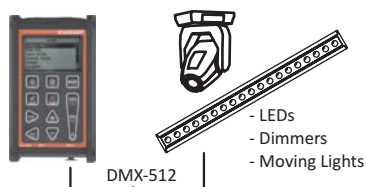
The XMT-120A can be connected via USB to a PC. The Windows software[1] allows managing the fixture library for intelligent devices and new firmware updates.
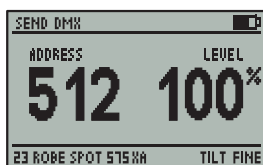
- *DMX Receiver*
- *DMX Transmitter*
- *RGB LED Control*
- *Moving Light Control*
- *Cable Tester*
- *Channel Tracer*
- *Dip-Switch display*
- *Programmable sequence*
- *Timing analyzer*
- *Adjustable DMX frame rate*
- *PC Software* [1]
- *And more*

Light Controller   DMX Fixtures

PC Software[1]   USB Adapter   Cable Tester
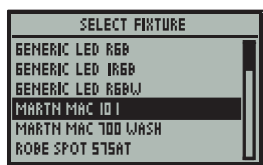

Generate and send DMX

- LEDs
- Dimmers
- Moving Lights

DMX-512

The XMT-120A generates DMX-512. It allows you to test individual lighting fixtures or the entire installation. All 512 channels can be edited.
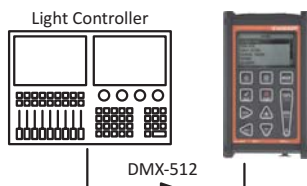

DMX transmission view

Fixtures Patch

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

Receiving & analyzing DMX

Light Controller

DMX-512

Any DMX signal can be received with the XMT-120. The channel values are shown in real time. The values can be displayed graphically or as tables.
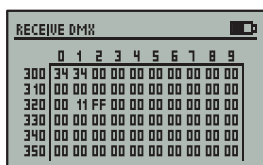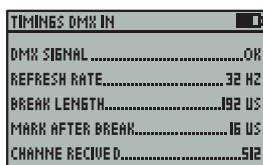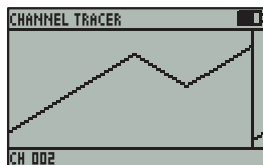

Table View

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.
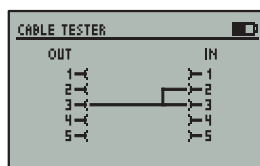

DMX timing

Channel tracer

Receive and regenerate DMX

Light Controller

- LEDs
- Dimmers
- Moving Lights

The XMT-120A forwards the received DMX signals. Thus, an installation can be analyzed during operation.

Cable tester

Kabeltester

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

Scenes and sequences

It's possible to snapshot scenes from the light controller. Scenes can also be created and edited on the XMT-120. Scenes can be combined into a sequence. The XMT-120A can also be used as simple light controller.

Technical data [2]

Battery	9 V Block
PC connection [1] 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

Art#: 10 30 35
XMT-120A-Set
Including soft case und adaper
(3pin to 5pin and 5pin zu 3pin)

1) XMT-120A PC Software available end of Q2 2012.
2) Based on firmware version 1.2