



LM-3 series



LM-3E



LM-3R

LM-3 series is probably the easiest way to transport DMX through an Ethernet network, as it directly integrates itself in an existing network. This is particularly useful for older installations that cannot be physically modified: **LM-3 series** provides DMX signal anywhere in the building.

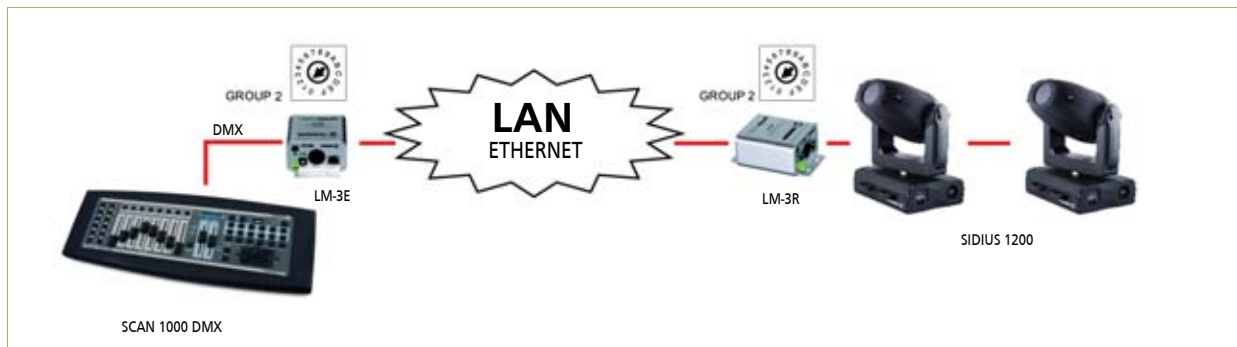
In order to get it, the system is composed of emitters (**LM-3E**) that put DMX frames in the Ethernet network, and receivers (**LM-3R**) that extract DMX signals from the Ethernet network. To send and receive DMX, both **LM-3E** and **LM-3R** use the same protocols: WorkNet Control (proprietary protocol) and ArtNet.

Plug-and-play: Installation is easier than ever!

One of the main advantages of this system is that it is very easy to install. User does not have to configure network, but only to connect to network one **LM-3E** and one or many **LM-3R**. They detect each other in the Ethernet network and start to emit/receive DMX signals: you don't need any network knowledge to start using it.



Integrated WEB SERVER for **LM-3E** and **LM-3R** configuration. It is possible to edit IP address and unit description.



Control of DMX fixtures (**SIDIUS 1200**) from a DMX console (**SCAN 1000 DMX**) through an Ethernet network. **LM-3E** and **LM-3R** allow sending DMX information through an existing network. Both units use **WorkNet** proprietary protocol.



LM-3E and **LM-3R** front panels with LAN connection, group selector and LED for DMX and Ethernet signal.



LM-3R rear panel with DIP switch block for protocol selection (**WorkNet** or standard **ArtNet** and **Subnet** mask).

Multi-universe and multi-system.

If **LM-3E** (emitter) has been designed to send one DMX universe (512 channels), additional universes can be sent together: a group selector puts many units together, each one supporting a DMX universe. In the same manner, each **LM-3R** will be suitable for one DMX universe.

It is also possible to use many **LM-3E** to send DMX signals coming from different DMX controllers: in other words, many DMX networks can be dumped in a same Ethernet network.

Total network integration.

WorkNet Control protocol provides a total compatibility with any networks used by today's computers. This is particularly interesting for **LM-3** users because they can integrate fixtures in networks that already have computers. In addition, this is a Unicast protocol: it ensures that **LM-3 series** uses minimum bandwidth.

Lightmouse
series



LM-3E

DMX to Ethernet interface

LM-3E is a DMX to Ethernet converter that sends DMX signals in an existing Ethernet network. It has been preset to be automatically integrated in Ethernet networks, so no configuration is required. Nevertheless, it is fully configurable and user can, if he wants to, change the system IP address.

Thanks to its group selector, many **LM-3E** units can be sent in a same network, transporting thus various DMX universes together. This is a great solution for consoles that use more than one DMX universe or for many independent DMX controllers.

Dimensions (WxHxD): 80 x 45 x 80 mm.



LM-3R

Ethernet to DMX interface / ArtNet node

LM-3R for its own is an Ethernet to DMX converter. There are two ways to use it.

Plug-and-play Ethernet to DMX converter.

Its main function is to receive frames sent by **LM-3E**, avoiding any DMX configurations: it comes ready to use.

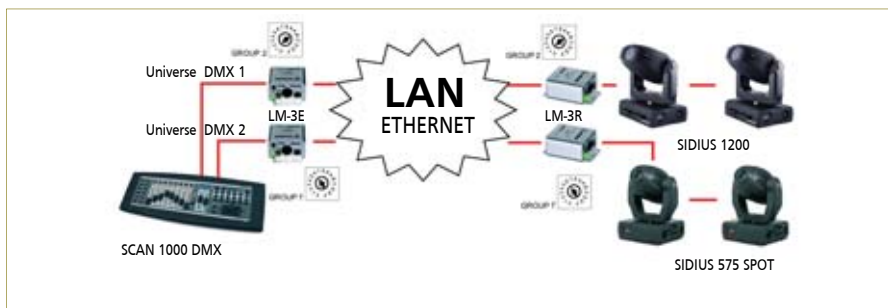
ArtNet node.

Using the DIP switch, user can change the value of **LM-3R** and turns it into an ArtNet node of one DMX universe. Thus, **LM-3R** becomes compatible with any standard ArtNet system, receiving DMX frames from lighting consoles using this standard protocol.

Total network integration using ArtNet2 protocol.

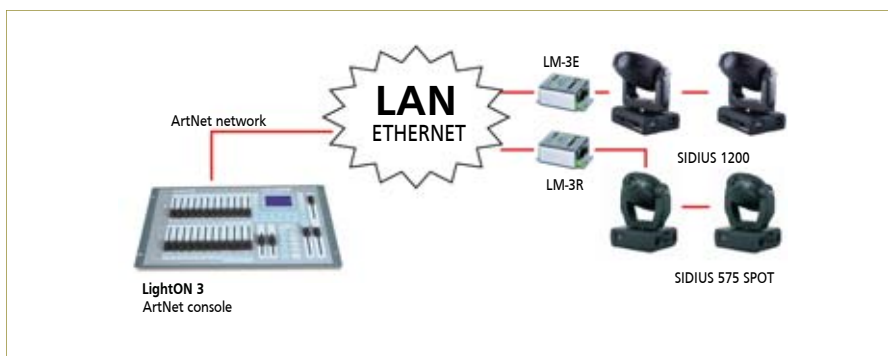
ArtNet2 is a Unicast protocol so it makes integration in Ethernet networks easier, using minimum bandwidth.

Dimensions (WxHxD): 80 x 45 x 80 mm.



LM-3 series using a DMX multi-universe controller.

System control for 2 groups of different DMX fixtures (SIDIUS 1200 and SIDIUS 575 SPOT) from a DMX console through Ethernet network. **LM-3E** and **LM-3R** allow sending DMX information (each universe is separated from the other) after emission/reception group configuration. Both units use WorkNet protocol.



LM-3 series using a DMX controller with ArtNet protocol.

System control for 2 groups of different DMX fixtures (SIDIUS 1200 and SIDIUS 575 SPOT) from a DMX console (LightON 3) through Ethernet network. The console allows a direct ArtNet connection. **LM-3R** converts signal or DMX protocol to control units.

Distributor:

Phone: 407-857-8770

Fax: 407-857-8771

Email: sales@techni-lux.com

www.techni-lux.com

Techni-Lux

WORKi