LM 3E

DMX to Ethernet interface

LM 3E is a DMX to Ethernet converter that captures and transmits DMX signals through Ethernet using ArtNet and WORKNET protocolS. Its default setting is designed to integrate directly under ArtNet network, therefore you do not need any intervention from the user, although the system is fully configurable if, for example, need to change the IP address of the system.

The group selector lets you integrate on the same network more **LM 3E** emitters to transport several DMX universes through the same ethernet network (up to 16 different universes) from a multiverse console or multiple DMX networks.

Some LED indicators show the status of the LAN connection and activity.

The power of **LM 3E** seen in these circumstances to avoid routing cables to different groups of devices within the same universe. Thus, each group or universe is more identified and more independent, and can quickly change their membership of a particular universe, simply acting on the switch and preventing further rewiring of the devices.

The configuration of the device, as much protocol used as IP address and Subnet, is made using the integrated webserver, which greatly facilitates its management. You can also change the description of the device for easy identification in the network.

LM 3E has been updated for inclusion in ArtNet network, along with its own protocol WorkNet also designed to coexist with any network system used by computers today. Thus the system can be seamlessly integrated into any computer network up and running previously.

WORKNET settings as the communication protocol allows tu ese a **LM 3R** or **LM 5** as receiver and Ethernet to DMX interface converter.

The protocol is unicast, therefore, it does not consume more network resources than strictly proprietary, fully functional through network switches, etc.

Features

- Conversor DMX to Ethernet converter.
- PLug&Play device.
- Own WORKNET protocol.
- ArtNet protocol.
- Up to 16 independent groups/universes.
- Group/universe selectable through frontal microswitch
- It allows to select operating mode and connection parameters through integrated web server.
- LEDs for connection state and activitymonitoring
- Supply 5 V dc, 500 mA

Compatible devices

LM 3R
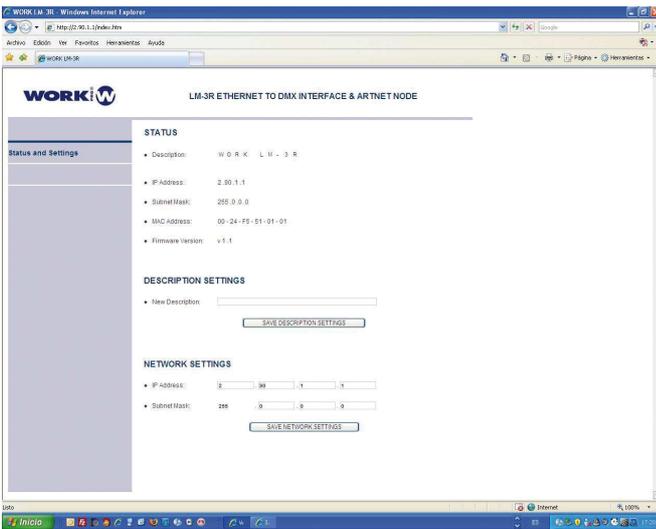Ethernet to DMX interface and ArtNet node.

LM 5
Ethernet interface, DMX recorder /player, ArtNet node and OSC server.
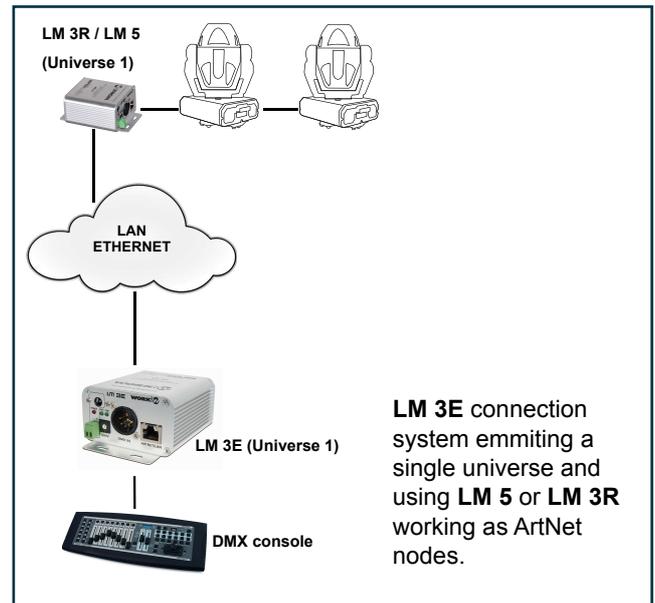
Web Server

LM 3 E incorporates a web server that allows you to set the protocol type to use for the unit: WorkNet (owner) or ArtNet.

Also, it is possible to display the default device parameters: The MAC number, IP address and Subnet.

In case of network conflicts or device integration in an existing network, you can change the IP address and Subnet through this interface.
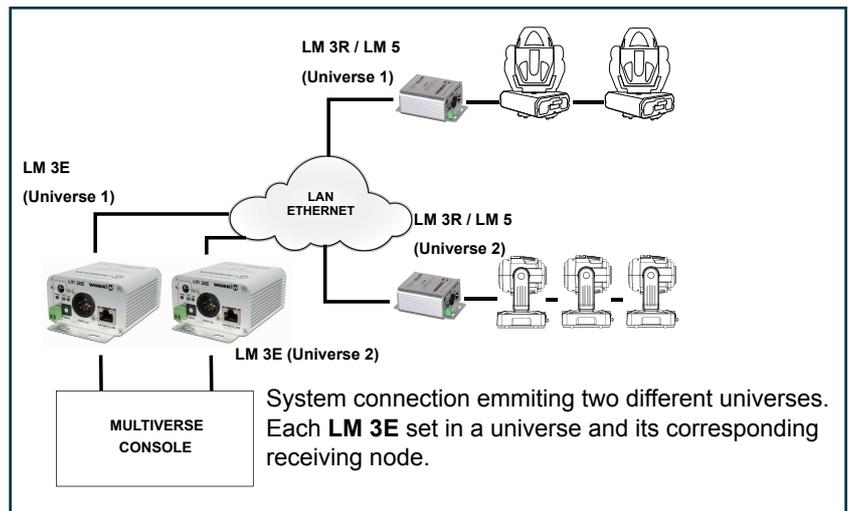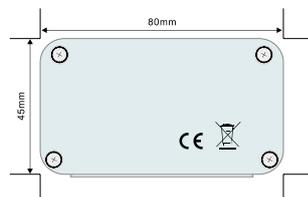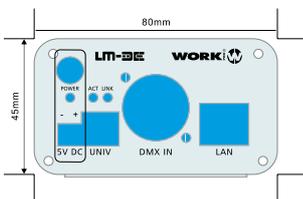
Specifications

Tipo:	DMX to Ethernet converter
Compatible protocols:	ArtNet, WORKNET (owner)
WORKNET groups:	16 (selectables from the frontal microswitch)
Artnet universes:	16 (selectables from the frontal microswitch)
IP addressing:	Unicast (Selectable IP through integrated web server)
Subnet:	16 (Selectable through integrated web server)
Total Artnet universes:	256 universes
Connectivity	LAN port: Cat5 Cable DMX IN: XLR 5 p
Indicators:	1x red LED (power), 2x green LED (ACT / LINK).
Mains Supply:	5V dc - 500 mA (Euroblock 2p / Plug-in)
Dimensions:	80 x 45 x 80 mm
Weight:	370 g

LM 3E connection system emmiting a single universe and using **LM 5** or **LM 3R** working as ArtNet nodes.

Dimensions

* In mm.

System connection emmiting two different universes. Each **LM 3E** set in a universe and its corresponding receiving node.

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