

LM 3R

Ethernet to DMX interface and ArtNet node.



LM 3R is a Ethernet to DMX converter that captures DMX frame from a **LM 3E** transmitter through Ethernet using ArtNet and WORKNET protocols. Its plug & play design, allows 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 3R** 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 3R** 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 IP address as Subnet, is made using the integrated webservice, which greatly facilitates its management. You can also change the description of the device for easy identification in the network. To select the protocol between WORKNET or ArtNet, you must use the dipswitches placed in the rear side.

LM 3R allows its inclusion in ArtNet network as universal node, along with its own protocol WorkNet. Thus the system can be seamlessly integrated into any computer network up and running previously.

WORKNET settings as the communication protocol allows to use a **LM 3E** transmitter and DMX Ethernet interface converter.

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

Features

- Ethernet to DMX interface and ArtNet node.
- 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 activity monitoring
- Supply 5 V dc, 500 mA

Compatible devices



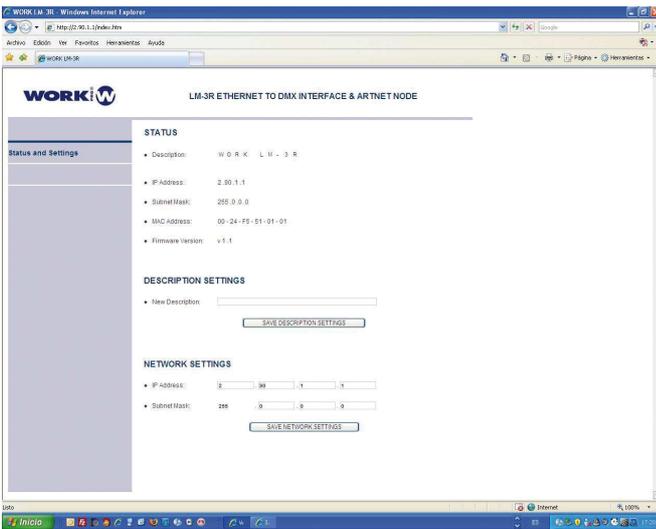
LM 3E
DMX to Ethernet interface and ArtNet node.



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

LM 3R

Web Server



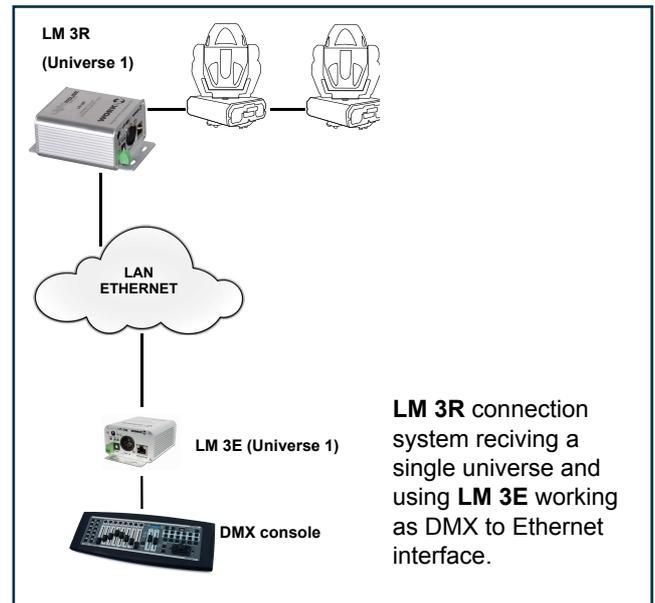
LM 3R incorporates a web server that allows you to set the protocol type to use for the unit: WorkNet (owner) or ArtNet.

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

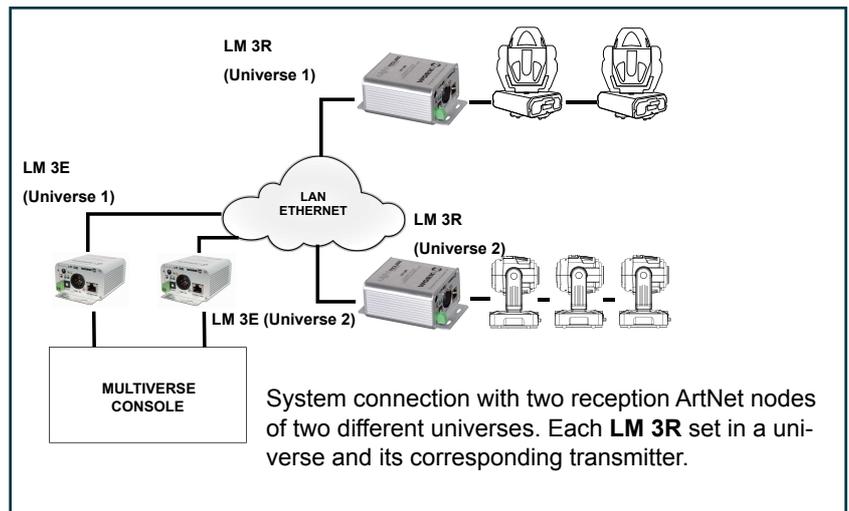
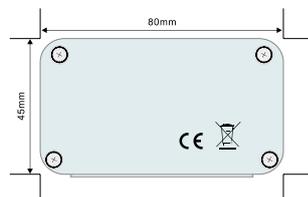
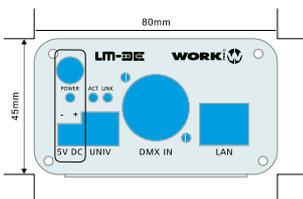
Tipo:	Ethernet to DMX interface and ArtNet node.
Compatible protocols:	ArtNet, WORKNET (owner)
WORKNET groups:	16 (selectables from the frontal microswitch)
Artnet universes:	16 (selectables from the frontal microswitch)
IP addressing:	Unicast (Selectable IP through integrated web server)
Subnet:	16 (Selectable from rear panel dip-switches)
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 3R connection system receiving a single universe and using LM 3E working as DMX to Ethernet interface.

Dimensions

* In mm.



System connection with two reception ArtNet nodes of two different universes. Each LM 3R set in a universe and its corresponding transmitter.

