

LSS



DMX Booster 1 in 12

The LSS DMX Booster 1 in 12 is a booster and distributor for DMX signals: Incoming signals are boosted and distributed to four independent outs. The Ins and all Outs are electrically isolated and have an EMC protection circuit.

The LSS DMX Booster 1 in 12 supports RDM (according to ANSI E1.20 2010 + E1.37). Within the RDM network, the DMX Booster is an in-line device with its user interface device. It always directs RDM requests from the DMX-In to all Outs and handles responses depending on the RDM request:

Request	Response Handling
UNIQUE_BRANCH	Responses from all DMX outputs are added and transmitted to the DMX-In.
All other-directed requests	Only the responses of the responding DMX-Out, i.e. of the responding device, are passed to the DMX-In.
Request on the Booster	If only the response is responded, RDM data will be sent via the DMX-In.
BROADCAST-REQUESTS	"Wrong" responses are already blocked in the booster.

The LSS DMX Booster 1 in 12 does not require any further configuration.

Technical Specifications:

DMX-In/THRU	Optionally <ul style="list-style-type: none"> • 1x RJ45 (Neutrik EtherCon®), ESTA configuration • 1x 5pin XLR The connectors are electrically isolated.
DMX-Out	Optionally <ul style="list-style-type: none"> • 12x RJ45 (Neutrik EtherCon®), ESTA configuration • 12x 5pin XLR All connectors are electrically isolated.
Power Supply	200 – 240 V AC, 50/60 Hz, Connector: IEC 60320-C14 (male)
Power consumption	Max. 7 W
Current consumption 230V	~70 mA, max. 200 mA
Operation temperature	0 °C to 40 °C / not condensed
Appliance classes /IP code	Class 1/IP20
RoHS	Approval
Design	19" rack 1U
Dimensions (W x H x D)	483 x 45 x 110 mm
Weight	850 g
Order number	RJ45: 5204 XLR: 5214

LED signals

LED	Colour	Meaning
Power	Blue	Power supply present
Active/Fail	Green/ Red	Lights green: DMX-In active Blinking red: DMX-In incorrect protocols Off: DMX-In not active Specials: Flickering red/green: Software update via RDM Flash rot: Flash-Error, call service
DMX-In	Yellow	RDM-Traffic
DMX-Out	Yellow	One LED on RDM traffic with a device in the universe All LED on Discovery running