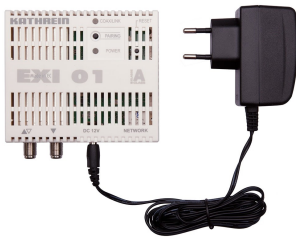


Order number: 20510061

Open text field 1:



- Modem for Kathrein IP over Coax system "K-LAN (based on IEEE 1901 standard)"
- Create a home network using the existing satellite installation terrestrial coaxial distribution. This reduces installation costs and work as no new network cables need to be installed
- Ideal for network connections for receivers, TV sets and Blu-ray players. A PC and other devices that can be networked can also be conveniently connected to a router (e.g. FRITZ!Box)
- > 500 Mbit data throughput (gross) allows multiple HD streams with simultaneous data transmission between PCs. Thanks to QoS \*) corresponding services are prioritised
- Built-in, highly selective diplexer - No interference with FM, TV and satellite signals. No additional distributor required
- Interference free due to high screening factor
- One input (IP & FM/TV/sat); one output (1 x FM/TV/sat); 1 x Ethernet RJ 45. DC is looped through
- 128 bit AES encryption: Secure, private network connection at the push of a button - no software required
- In conjunction with the optimised EXI 3508 distribution system, distances of up to 700 m are possible for the IP frequency range
- When connected to the EXI 30 outlet, the modem can be remotely fed by the connected satellite receiver. In all other cases the power is supplied by the plug-in power supply unit. The EXI 30 is an outlet that has been specially developed for "K-LAN" \*\*)
- Eco power mode: The modem automatically switches to stand-by until it is "woken up" again by the network. Consumption: 1.0 Watt in stand-by/max. 4.2 Watt in operation
- For indoor installation

Accessories:

- EXI 90 high-pass filter (order no. 20510062): If the EXI 01 is operated via a multi-switch that is not from the EXI range the high-pass filter must be screwed on to the terrestrial input on the multi-switch. This isolates downstream multi-switches and prevents reception and emission in the IP frequency range by and from the terrestrial antenna
- EXI 700 software: Shows the visible modems in a network (free download from: [www.kathrein-ds.com](http://www.kathrein-ds.com))
- EXI 30 sat socket (order no. 21110024): Outlet remotely feedable from the satellite connection, with optimum selection for data and HF signals



Hersteller: Kathrein

**EXI 01**

**Product information****"EXI 01"**

HF/IP modem - 2-2150 and  
87.5-2150 MHz - F connectors  
- RJ 45 connection - External  
plug-in power supply unit -  
Screening class A

<b>Type:</b>	EXI 01
<b>Order no.:</b>	20510061
<b>Through loss:</b>	- / 1 dB
<b>Nominal input voltage:</b>	230 V
<b>Nominal input power (300/0 mA load):</b>	4,5/0,25 W
<b>Max. current drain of the modem:</b>	350 mA
<b>Standards supported:</b>	IEEE 1901
<b>Frequency range:</b>	2-2150 / 87,5-2150 MHz
<b>In compliance with:</b>	2009/125/EC in accordance with regulations 278/2009/EC, 2006/95/EC together with the standards
<b>Frequency range IP (IEEE 1901):</b>	2-68 <sup>1)</sup> / - MHz
<b>Max. output current:</b>	600 mA
<b>Permissible remote power feed at the output:</b>	12-20 V
<b>Screening factor:</b>	5-300 MHz > 85; 300-470 MHz > 80; 470-1000 MHz > 75; 1000-2150 MHz > 55 dB
<b>Permissible current drain of the multi-switch from the receiver when remotely fed:</b>	50 <sup>2)</sup> mA
<b>Voltage secondary:</b>	12 V
<b>Power consumption at max. data rate:</b>	Approx. 4.2 W
<b>Gross data rate:</b>	500 Mbit/s
<b>Power consumption in stand-by:</b>	Approx. 1.0 W
<b>Input - output:</b>	1 x DC & IP & FM & TV & Sat - 1 x DC & FM & TV &
<b>Connections:</b>	F-connectors / RJ 45/5.5 x 2 mm latching plug
<b>Ambient temperature range:</b>	0 to +40 °C
<b>Dimensions (W x H x D):</b>	104 x 101 x 29,5 mm
<b>Packaging unit/weight:</b>	1 (10)/Approx. 0.35 pc/kg

<sup>\*)</sup> Quality of Service

<sup>\*\*)</sup> Alternatively, the ESD 84  
and ESD 32 outlets can be  
used

<sup>1)</sup> Of which currently used:  
8-68 MHz

<sup>2)</sup> When the plug-in power  
supply unit is used, 250 mA is  
available from the receiver for  
connected subscribers.

**Mehr Bilder zu "EXI 01"**

