LANCOM 730VA
Quick Reference Guide
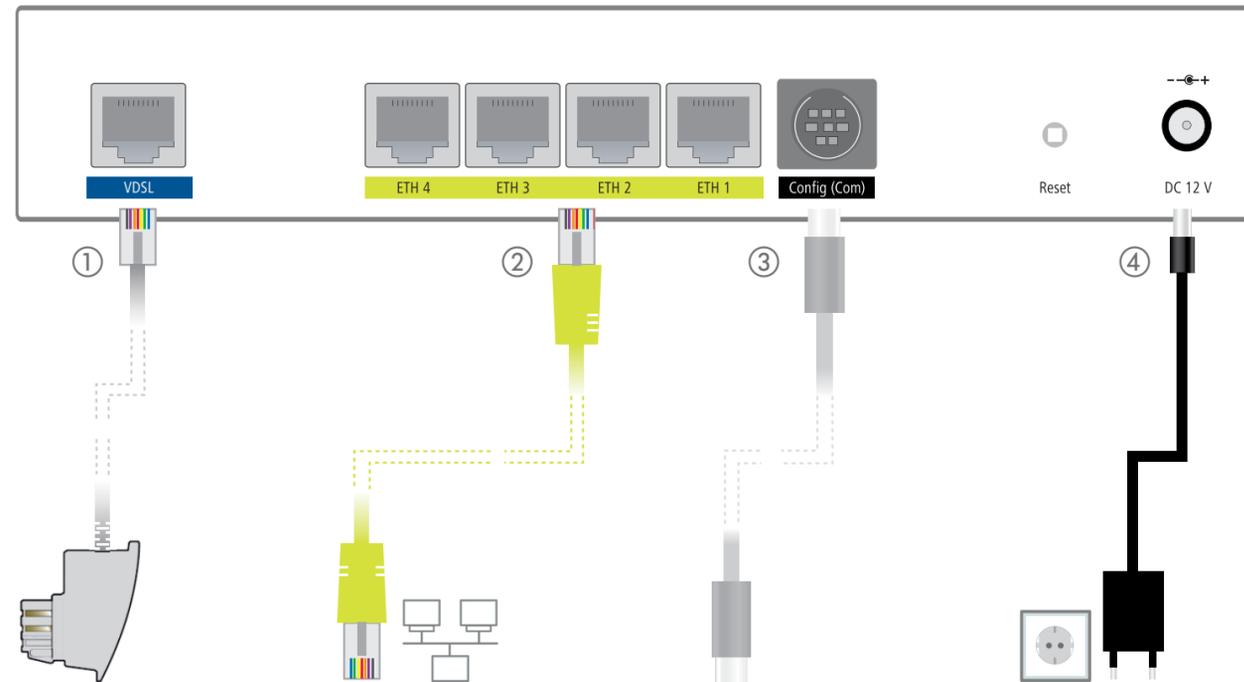
Please observe the following when setting up the device

> For devices to be operated on the desktop, please attach the adhesive rubber footpads

> Do not rest any objects on top of the device

> Keep the ventilation slots on the side of the device clear of obstruction

> In case of wall mounting, use the drilling template as supplied

> Rack installation with the optional LANCOM Rack Mount (not supplied)

VDSL   ETH 4   ETH 3   ETH 2   ETH 1   Config (Com)   Reset   DC 12 V

① ② ③ ④

①
VDSL interface
Use the supplied DSL cable for the IP-based line to connect the VDSL interface and the provider's telephone socket. For more information, please contact your Internet service provider.

②
Ethernet interface
Use the cable to connect one of the interfaces ETH 1 to ETH 4 to your PC or a LAN switch.

③
Serial interface
Configuring the device via the serial interface requires a serial configuration cable (available as an accessory).

④
Power
When connecting the cable to the device, turn the bayonet connector 90° clockwise until it clicks into place.

90°

Use only the supplied power adapter.

SETTING UP AND CONNECTING THE DEVICE

LANCOM
Systems   LANCOM 730VA

Power   Online   DSL   ETH 1 ETH 2 ETH 3 ETH 4

① ② ③ ④

① Power	
Off	Device switched off
Green on, permanently	Device operational
Blinking green/orange	Configuration password not set. Without a configuration password, the configuration data in the device is unprotected.
Blinking red	Charge or time limit reached

② Online	
Off	WAN connection inactive
Green on, permanently	WAN connection active
Red on, permanently	WAN connection error

④ ETH	
Off	No networking device attached
Green on, permanently	Connection to network device operational, no data traffic
Flickering green	Data transmission

③ DSL	
Off	Interface deactivated
Green, on (constant)	DSL connection active
Green, flickering	DSL data transfer
Red, flickering	DSL transfer error
Red/orange, blinking	DSL hardware error
Orange, blinking	DSL training
Orange, on (permanently)	DSL sync
Green, blinking	DSL connecting

TECHNICAL DATA

Hardware	
Power supply	12 V DC, external power adapter (230 V); bayonet connector to secure against disconnection
Power consumption	Max. ca. 14 W
Environment	Temperature range 0 – 40°C, humidity 0 – 95%, non-condensing
Housing	Robust synthetic housing, rear connectors, ready for wall mounting. Kensington lock; measures 210 x 45 x 140 mm (W x H x D)
Number of fans	None; fanless design, no rotating parts, high MTBF

Interfaces	LANCOM 730VA over ISDN
WAN: VDSL2	> VDSL2 as per ITU G.993.2; profiles 8a, 8b, 8c, 8d, 12a, 12b, 17a > Compatible to VDSL2 from Deutsche Telekom > Compliant to: ADSL2+ over ISDN as per ITU G.992.5 Annex B with DPBO, ADSL2 over ISDN as per ITU G.992.3/5 Annex B/J, ADSL over ISDN as per ITU G.992.1 Annex B > Supports just one virtual connection at a time in ATM (VPI-VCI pair)
ETH	4 individual ports; 10/100/1000 Mbps Gigabit Ethernet, by default set to switch mode. Up to 3 ports can be operated as additional WAN ports. Ethernet ports can be electrically disabled in the LCOS configuration.
Config (Com)	Serial configuration interface / COM port (8-pin Mini-DIN): 9,600 – 115,000 baud, suitable for optional connection of analog/GPRS modems. Supports internal COM-port server and provides transparent asynchronous serial-data transfer via TCP.

WAN protocols	
VDSL, ADSL, Ethernet	PPPoE, PPPoA, IPoA, Multi-PPPoE, ML-PPP, PPTP (PAC or PNS) and IPoE (with or without DHCP), RIP-1, RIP-2, VLAN, GRE, L2TPv2 (LAC or LNS), IPv6 over PPP (IPv6 and IPv4/IPv6 dual stack session), IPv6IoE (autoconfiguration, DHCPv6 or static)

Declaration of conformity	
For the declaration of conformity, see the product page on our website www.lancom-systems.eu	

Package content	
Manual	Hardware Quick Reference (DE/EN), Installation Guide (DE/EN)
Cable	1 DSL cable for an IP-based line, 4.25m
Power adapter	External power supply adapter (230 V), NEST 12 V/1.5 A DC/S, barrel connector 2.1/5.5 mm bayonet, LANCOM Art.-No. 110723 or 111301 (EU,230V), LANCOM Art.-No. 110829 or 111302 (UK, 230V)

This product contains separate modem firmware with open-source software components. These are subject to their own licenses, in particular the General Public License (GPL). The license text for the modem firmware is available at http://www.lancom-systems.de/docs/GPL/LC-DSL-Modem-Firmware-License-EN.txt. If the respective license demands, the source files for the corresponding software components will be made available on a download server upon request.