



LANCOM 1781VA

Ouick 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

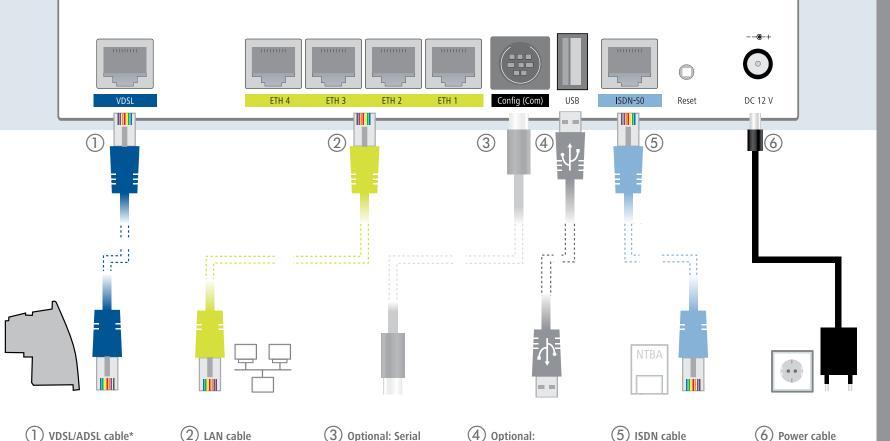


- Keep the ventilation slots on the side of the device clear of obstruction
- In case of wall mounting, use the drilling template as supplied



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





Connect the cable with the dark-blue connector to the DSL splitter from your provider. Please ensure that you carefully follow any instructions from your switch. provider regarding the installation of the DSL splitter and NTBA (if applicable).

*For operation without split-

ter please use the DSL cable

adapter. For further informa-

supplied by your Internet

provider or the enclosed

tion please contact your

Internet provider.

Use the cable with the kiwi-colored connectors to connect one of the interfaces ETH1 to ETH4 to your PC or a LAN

configuration cable You can connect the device to a PC with a configuration cable (available separately). USB cable Connect a USB storage device or a USB printer to the USB interface. USB cable not included in the package.

Use the ISDN cable with the light-blue connectors to connect the ISDN interface to the NTBA if you wish to use ISDN.

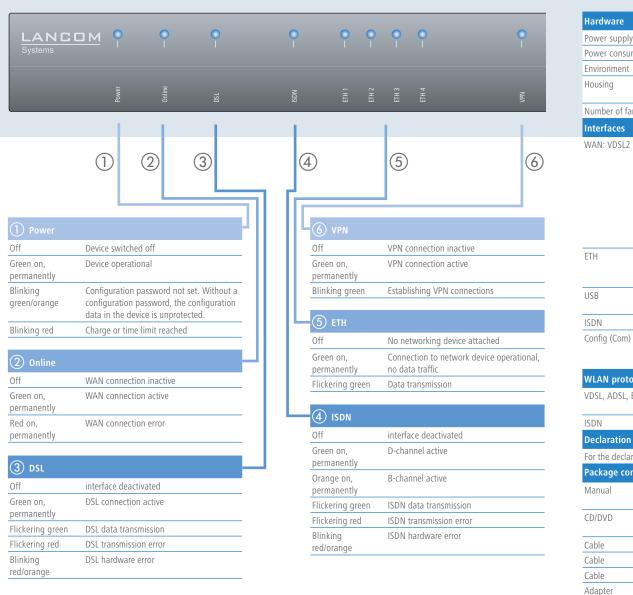
90° clockwise until it clicks into place.

When connecting the

cable to the device, turn

the bayonet connector

Use only the supplied power adapter.



12 V DC, external power adapter (230 V); bayonet connector to secure against disconnection Power consumption Max. ca. 14 W Temperature range $0-40^{\circ}$ C, humidity 0-95%,non-condensing Environment Robust synthetic housing, rear connectors, ready for wall mounting, Housing 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 LANCOM 1781VA over ISDN LANCOM 1781VA over POTS WAN: VDSL2 VDSL2 as per ITU G.993.2: VDSL2 as per ITU G.993.2: profiles 8a, 8b, 8c, 8d, 12a, 12b, 17a profiles 8a, 8b, 8c, 8d, 12a, 12b, 17a ■ Compatible to VDSL2 from Deutsche Telekom ■ Compliant to: ADSL2+ over POTS as per ■ Compliant to: ADSL2+ over ISDN as per ITU G.992.5 Annex A/Annex M with DPBO, ITU G.992.5 Annex B with DPBO, ADSL2 ADSL2 over POTS as per ITU G.992.3 over ISDN as per ITU G.992.3/5 Annex B/J, Annex A/L, ADSL over POTS as per ADSL over ISDN as per ITU G.992.1 Annex B ITU G.992.1 Annex A ■ Supports just one virtual connection at a time ■ Supports just one virtual connection at a in ATM (VPI-VCI pair) time in ATM (VPI-VCI pair) 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. USB USB 2.0 Hi-Speed host port for connecting USB printers (USB print server), serial devices (COM-port servers), USB data media (FAT file system), or supported UMTS USB modems ISDN ISDN S_o bus 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. WLAN 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 ISDN 1TR6, DSS1 (Euro- ISDN), PPP, X75, HDLC, ML-PPP, V.110/GSM/HSCSD eclaration of conformity For the declaration of conformity, see the product page on our website www.lancom-systems.eu ackage content Hardware Quick Reference (DE/EN), Manual Installation Guide (DE/EN/FR/ES/IT/PT/NL) CD/DVD with management software (LANconfig, LANmonitor, LANCAPI) and LCOS documentation Cable 1 Ethernet cable, 3m (kiwi-colored connectors) 1 VDSL/ADSL cable, 3m (dark-blue connectors)

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 on the data medium supplied. If the respective license demands, the source files for the corresponding software components will be made available on a download server upon request. License information for the device firmware (LCOS) is available in the file LCOS-Licenses.txt on the data medium supplied.

bayonet, LANCOM item no. 110723, LANCOM item no. 110829 (UK)

External power supply adapter (230 V), NEST 12 V/1.5 A DC/S, barrel connector 2.1/5.5 mm

1 ISDN cable, 3m (light-blue connectors)

All-IP adapter (only in the EU version)