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You can read the recommendations in the user guide, the technical guide or the installation guide for D-LINK DE-812TP+. You'll find the answers to all your questions on the D-LINK DE-812TP+ in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

**User manual D-LINK DE-812TP+**  
**User guide D-LINK DE-812TP+**  
**Operating instructions D-LINK DE-812TP+**  
**Instructions for use D-LINK DE-812TP+**  
**Instruction manual D-LINK DE-812TP+**

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**Manual abstract:**

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*.....13 About this Guide This guide provides instructions for instal-ling all of the products described below. These D-Link® Ethernet Hubs are all Plug and Play compliant for easy installation.*

*DE812TP+ DE-816TP DE-824TP When designing your cable configuration, it is necessary to strictly observe the Ethernet cabling rules. This manual assumes familiarity with the fundamental Ethernet cabling rules and limits; it only describes the details of cable connection. Rack Mounting The Ethernet Hub may stand alone, or may be mounted in a standard 19-inch equip-ment rack. @@@@These two un-numbered rear-panel ports are logically equivalent*

with the numbered ports on the front panel of the Ethernet Hub. By using a rear-panel connector of the Ethernet Hub to connect into an existing coaxial network cable, you can add on a star-topology subnet, connected through the Ethernet Hub's numbered front-panel ports.

Alternatively, you can connect into an existing star-topology through a front panel port of the Ethernet Hub, and then add on a bus-topology subnet by connecting the subnet bus to a rear-panel connector of the Ethernet Hub (irrespective of any star-topology subnet that may also be supported by the Ethernet Hub's front-panel ports). In either case, the unused rear-panel connector always remains available to connect a second coaxial cable (alternative type of coaxial cable). When the Ethernet Hub has no coaxial trunk connection, then both of the rear panel connectors remain available for coaxial station cable connections. It is useful to keep this in mind when you have some station equipment whose adapters have no 10BaseT port (RJ-45 connector), and thus can only be connected to the hub through a coaxial cable. Station Connections with Twisted-Pair Cable Connect each station to the Ethernet Hub by means of a twisted-pair straight cable (10BaseT cable, Category 3, 4, or 5).

Plug one RJ-45 connector into a front-panel port of the Ethernet Hub, and plug the other RJ-45 connector into the station's Ethernet adapter. Hub-to-Hub Connections with Twisted-Pair Cable Hub-to-hub connection between Model DE812TP+ Ethernet Hubs requires a 10BaseT crossover cable. In making a hub-to-hub connection involving a Model DE-816TP or Model DE-824 Ethernet Hub, there is the alternative of using a straight cable. Internal Crossover Features The Model DE-816TP Ethernet Hub and 24-Port Ethernet Hub feature internal cross-over alternatives for Port 1: Model DE-816TP Ethernet Hub The port numbered as Port 1 is identical with each of the other numbered ports. But Port 1 is specially equipped with an alternative connector, labeled "Uplink." The Uplink connector is wired to the same conductors as the Port 1 connector, but with certain pin positions interchanged to provide a cross-over, and thus allow use of a straight cable to make a hub-tohub connection. Keep in mind that the Uplink connector is not an independent port. @@@@ Per ordering option, either a Type 1 (US) or Type 2 (European) power cord is supplied with your Ethernet Hub. See Specifications, below, for power cord details. Ascertain that the power switch on the rear panel of the Ethernet Hub is in the off position.

Plug the female end of the power cord firmly into the receptacle on the rear panel of the Ethernet Hub. Plug the other end of the power cord into an electric service outlet. Turn on power to the Ethernet Hub by switching its rear-panel power switch to the on position. LED Indicators LED indicators are located on the front panel of the Ethernet Hub. Jabber LED One Jabber LED for all ports. This LED flashes red when the Ethernet Hub detects a data packet that is defective (exceeds allowable length). This kind of error will ordinarily be managed by the offending Ethernet adapter itself, in which case the Jabber LED will return to its normal off (dark) state. Collision LED One Collision LED for all ports. A collision occurs when two stations within a collision domain attempt to transmit at the same time. @@@@ Flashing green (Receive state) indicates that the port is receiving data from its partner device.

If the port is connected but the Link/Rx LED is dark, check whether (1) the Ethernet Hub and the partner device both have power, (2) the port's cable is firmly seated in its connectors in the Ethernet Hub and in the partner device, (3) the connecting cable is good and is of the correct type, and (4) the partner device, including any network adapter, is functioning. Specifications Data transfer rate: Protocol: Topologies: 10 Mbps CSMA/CD Star, Bus EMI Certification: DE-812TP+ and DE-824TP: FCC Class A, VCCI I, CE A DE-816TP: FCC Class B, VCCI II, CE B AC power: Power consumption: Dimensions: 100 - 250 V, 50 - 60 Hz DE-812TP+: DE-816TP: DE-824TP: 18 W 18 W 20W W x H x L, mm (including mounting brackets): DE-812TP+: DE-816TP: DE-824TP 483 x 44 x 125 483 x 44 x 125 483 x 44 x 211 2.0 kg 2.0 kg 3.03 kg Weight: DE-812TP+: DE-816TP: DE-824TP: 0° - 55° C Operating temperature: Humidity: 10 - 90 % non-condensing Power cord: Type 1 (US) or Type 2 (Europe) per purchase order Type 1 Type 2 250V, 10A 250V, 10A 1830mm (6ft) VDE Plug Rating Cord Rating Length Safety Standard 125V, 7A 125V, 7A 1830mm (6ft) UL, CSA .



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