



# Instruction Manual

## Multiswitch, cascades

Typ: TK 9-8 (T), TKD 9-8, TKED 9-8



The number of cascadable units without a boost of the level is dependent of the LNB-output level and the length of the cables!

In a cascading system the power supply unit can be attached at each x-arbitrary switch. Thus the 8 SAT trunk lines lead voltage. The single-switch and the end-switch in a cascading system must be terminated with 75 ohm DC-blocked terminators.

### Important Notes

Please check the coaxial cable regarding short circuit before starting!

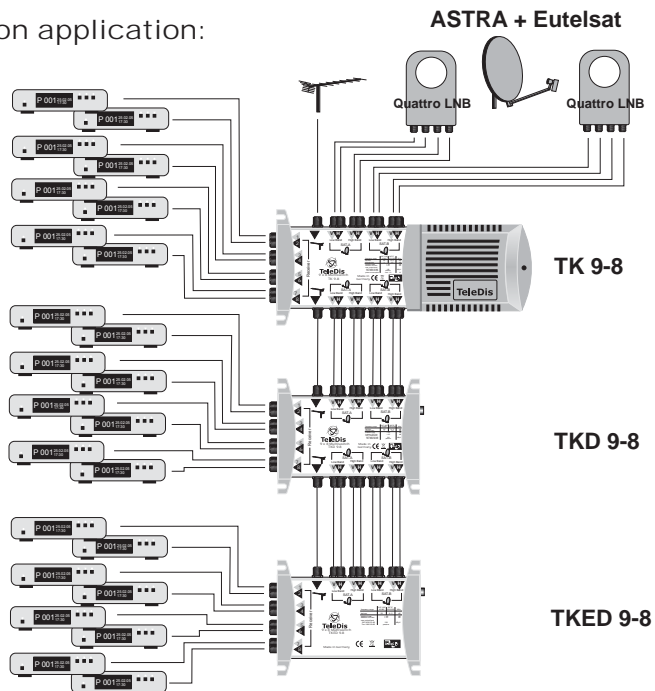
- The mounting ground should be:
- even and flame proof
  - dust-free
  - protected against humidity
  - not under direct impact of sunlight
  - not adjacent to heating sources

The ventilation slots of the power supply unit may not be covered.

It is to be paid attention to it that the input levels of the SAT-lines are equivalent high. All installation and fixing of components should only be executed when the units are disconnected from the mains supply. Short-circuits have to be avoided.

The appicate standards and regulations for the guarantee of electrical security are to be considered. The national permission-legal regulations for broadcast recording systems are to be observed!

### installation application:



# Multiswitches, cascades

TK 9-8 (T)

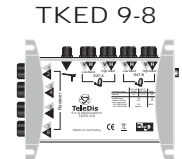
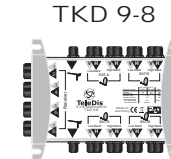
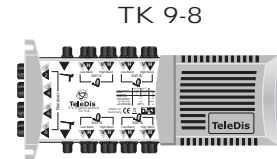
TKD 9-8

TKED 9-8



# TeleDis

For distribution of 8 SAT-IF-Polarisations and terr. signals up to 8 subscribers.



### specifications:

Typ	TK 9-8 (T*)	TKD 9-8	TKED 9-8
order-nr.	13201 (13212)*	13204	13207
inputs	SAT 8 x 950 x 2200 MHz 1 x 40 x 860 MHz	8 x 950 x 2200 MHz 1 x 40 x 860 MHz	8 x 950 - 2200 MHz 1 x 40 - 860 MHz
outputs	8 x 47 - 2200 MHz	8 x 47 - 2200 MHz	8 x 47 - 2200 MHz
tap loss	SAT 8...3 dB ± 2,5 dB Terrestrial 20 dB (5 dB)* ± 2 dB	8...3 dB ± 2,5 dB 20 dB ± 2 dB	8...3 dB ± 2,5 dB 20 dB ± 2 dB
through loss	SAT 3,5 dB ± 1 dB Terr. 3 dB ± 1 dB	3,5 dB ± 1 dB 3 dB ± 1 dB	- -
isolation	H / V SAT / Terr. >30 dB >25 dB	>30 dB >25 dB	>30 dB >25 dB
output level	SAT IMA3 35 dB Terr. IMA3 60 dB	max. 100 dBµV passive (max. 93 dBµV)*	max. 100 dBµV passive
remote current	max. 800 mA	max. 800 mA	max. 800 mA
power consumption	max. 1,5 W (2,5 W)*	-	-
dimensions	225 x 112 x 53 mm	160 x 146 x 53 mm	160 x 146 x 53 mm
weight	0,6 kg	0,4 kg	0,4 kg

\*terrestrial active

The SAT-changeover switches are DiSEqC Version 2.0 capable and downwards compatible (also Tone Burst capable).

High isolation between polarisations by using multilayer technique. Terrestrial range is fully passive and allow reception also without receiver. LNB remote current with power supply unit.

### Technial Description

For distribution of 8 SAT-IF-Polarisations to 8 subscribers, 2 Satellites high and low band with quattro LNC or 4 Satellites only low band with twin LNC's.

Reception high band: only by using quattro LNC's (use both high band outputs of LNC's). Twin LNC's and quattro switch LNC's cannot be switched over the multi-switch into the high band.

Using the analogue control signals 14/18 V and 0/22 kHz for input selections.

Terrestrial signals could additional feed in.

[www.teledis.de](http://www.teledis.de)