

Programming made easy. TALENTO PLUS



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DIN-rail time switches

Save energy with intelligent time switch technology.

Grässlin's state-of-the-art time switch technology makes life in residential, office, commercial and industrial buildings easier, safer and helps to save energy efficiently. The innovative products convince through self-explanatory menu navigation and problem-free installation. DIN-rail time switches from the talento product range offer diverse use options both indoors and outdoors, for central switching of different rooms, vacation programs and universal switching tasks. With their exemplary quality workmanship, Grässlin's DIN-rail time switches enable a broad spectrum of smart and energy saving applications.



Easy to digest: Digital menus from Grässlin



Operation ...

“Operation“ is the pivotal point of our new generation of digital time switches made by Grässlin.

Like a mobile phone, programming is self-explanatory:

- 3 text lines for the menus = clear display of the selection options
- Flexible button assignment = clear choice of input commands
- Simple manual switch function = directly accessible without button combinations



... with a system: IR conductor and GPS

Matched to a wide range of needs, the talento plus product line is available in three levels:

talento plus STANDARD – MEDIUM – TOP

The medium class communicates without complicated bus technology via a highly interference-resistant IR optical waveguide. As a result, IR-linked units always run synchronised and all switching commands are carried out simultaneously at precisely the set time. The talento plus system receives the correct time signal anywhere in the world via GPS and passes it on to all time switches within the system.

An extra feature that, by the way, can also easily be retro-fitted in older systems: One DCF 77 input is sufficient!



astro: Lighting specialties

The talento 791 plus and 792 plus DCF products are especially well-suited for lighting applications. Only the longitude and the latitude need to be entered for precise automatic determination of the times for sunrise and sunset. With an offset time entry the respective switching times can be moved forward or back.

A la carte... or our specialties



... the annual time switch talento 8xx/9xx plus

In addition to all the functions you already know from the talento plus MEDIUM series, our top-class annual time switch is directed at special requirements and applications. The modular system design enables an expansion to a maximum of eight channels for the first time. Up to eight different programs can be stored centrally on the talento 8xx/9xx, which controls the neighboring talento CE plus channel expansions. These indicate the respective switching state and can be manually switched on or off on site. The talento VM plus amplifier module makes it possible to place channel expansions in different panel boards up to 50 m away from the talento 8xx/9xx plus where all programs are stored centrally. A simple two-wire connection is all that is required. 800 memory spaces and PC-supported programming ensure that every need in date-dependent programming is covered.



Would you prefer LAN?

The talento LAN plus module enables uploading, downloading and editing programs on the talento 8xx/9xx plus via ethernet.



Our taxi remains

With the taxi program transfer device, it's extremely easy to manually transfer programs written on a PC to the talento plus line.

New switching programs are simply entered in an Excel table with the talento dialog plus software. Needing to update software has become a thing of the past.

The practical feature: One menu for everything

talento plus MEDIUM

- Simple operation with menu technology
- Illuminated display
- Pulse and cycle function
- Date range
- Random switching
- External input for ON/OFF or Countdown
- DCF or GPS time synchronisation
- IR interface for IR optical waveguide
- Amplifier module for 50 m cable connection for time synchronisation signal
- PC-supported program creation
- Program transfer with talento taxi plus

Installing IR optical waveguide

- Open break-out section on side surfaces of cover
- Shorten IR optical waveguide to desired length
- Fit on IR interface on time switch

Communication



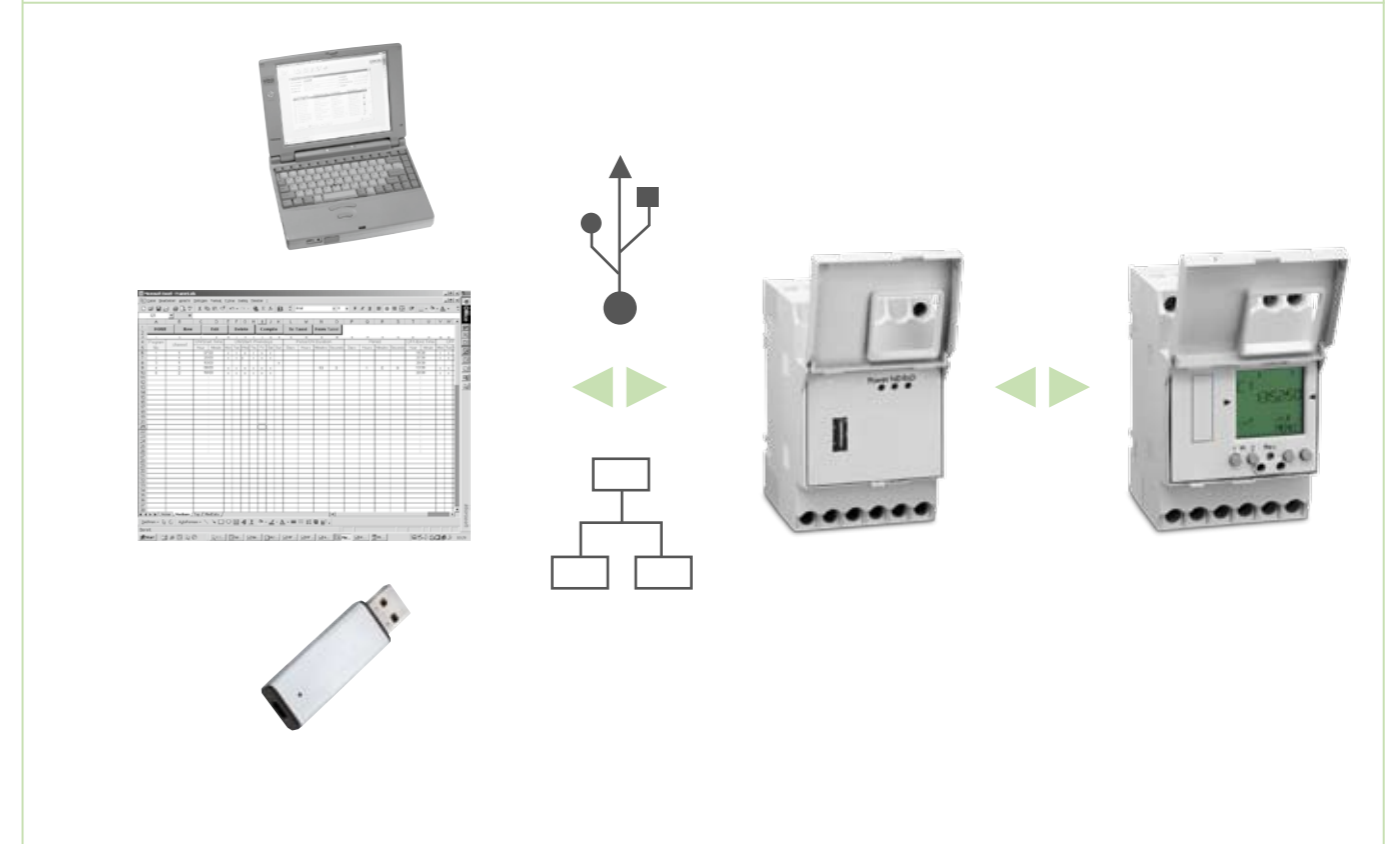
- LAN module interface for program transfer from PC to time switch or vice versa, via LAN network, ethernet or USB devices.
- GPS antenna for worldwide time synchronization
- talento taxi plus for simple program transfer from PC to time switch.

By means of the 4 keys up to 800 memory spaces can be programmed for the talento 89x/99x plus, following the MENU flow. Additional PC-supported programming covers every need in date related programming.

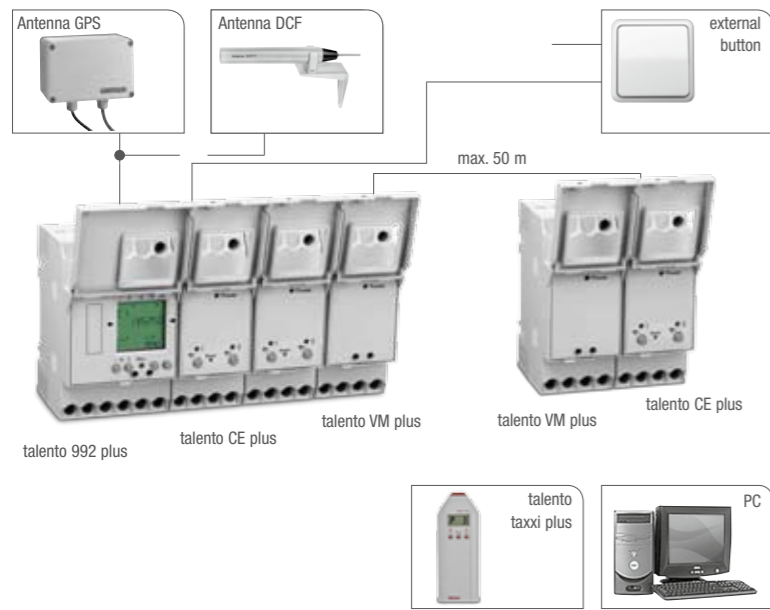
Programs can be transferred locally to the timer in two ways:

- via IR by means of the talento taxi plus
- via PC-laptop or USB memory stick through the USB port on the talento LAN plus.

Program transmission can also be done remotely from a PC-Laptop via a LAN or ethernet connection through the talento LAN plus.

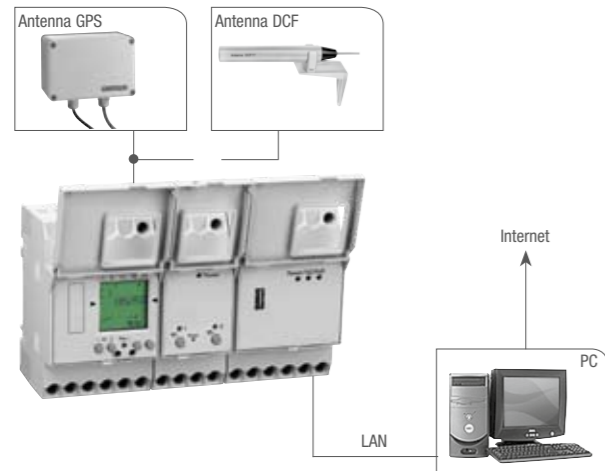


The special feature: Menu guidance @ la Grässlin



talento plus TOP

- Date-dependent switching programs
- Illuminated display
- Expandable to 8 channels
- Channel expansion can be placed in different distributors
- Multi-year holiday programming
- Countdown function, impulse counter and override by external input
- Impulse counter
- Hour meter with per-channel reset
- PIN code to avoid program manipulation
- PC-supported program creation and program transmission via taxi, USB memory, Internet, LAN



By external control input it is possible to switch selected channels permanently ON until next programmed command, to set countdown timer for selected channels, as well as to enable impulse counting.

Each channel of talento 89x/99x plus has the capability to work as an hour meter with reset function. It is also possible to set maintenance service times for each channel with a warning signal.

The menu technology

- 14 languages available in 2 sets
- Clear layout with 3-line menu text
- Flexibly assigned operating buttons
- Operation as easy as making a phone call



Setting programs

- Weekly, annual repeater, annual non repeat
- ON/OFF, pulse or cycle



- Setting time display 24h or 12h am/pm.



- Setting day light time for summer and winter
- Factory setting CET
- Setting can be modified to specific dates.



- Language selection D, GB, F, I, E, P, CZ, NL, S, N, DK, FIN, L, H



- Channel expansion configuration
- Taxi mode or date transmission
- Backlight fixed or off after 2 minutes
- No unwanted manipulation thanks to entering a PIN code
- Hour meter by channel
- External input configuration for override, countdown or impulse counter.



- Setting year, month, day, hours, minutes Factory setting CET



- Time display 12 h
- Random move of ON or OFF switching commands during absence

