



Setting the tone: SELEKTA 170 top2 astronomical time switch

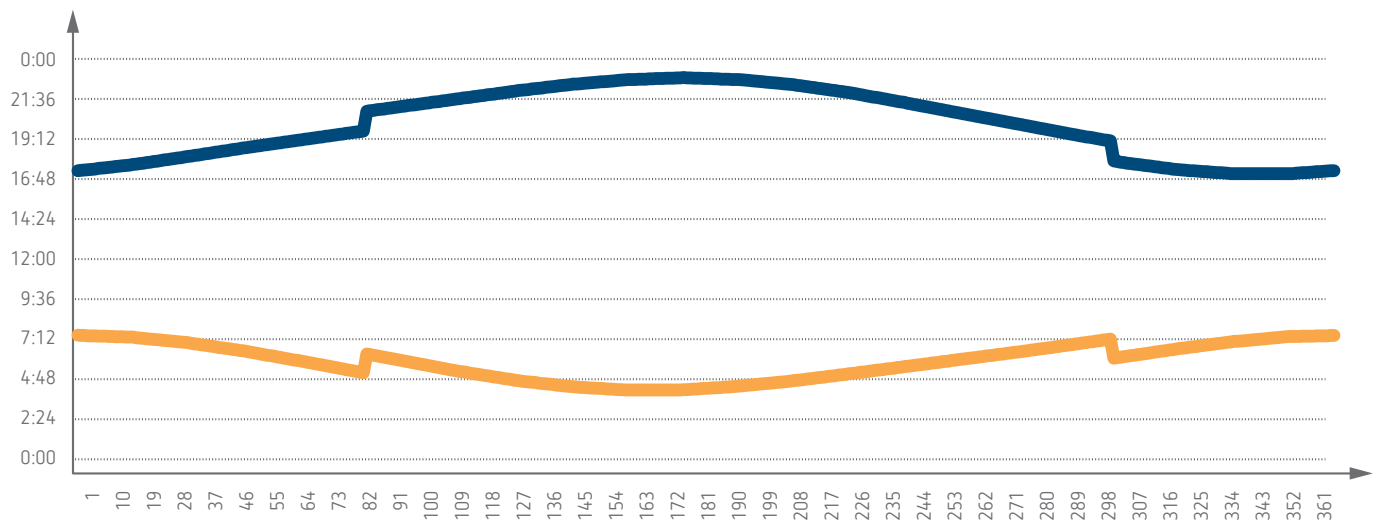


SELEKTA 170 top2

When the peace bell begins to swing on the Colle di Miravalle in Roverto and the heavy clapper teases out the first note from the bronze casting, the spectators can look forward to an impressive experience: A powerful peal of bells rings out in the evening sun against an impressive mountain backdrop. And once the hundredth ringing of the bell fades away, spontaneous applause breaks out. With its 3.21 metre diameter, 3.36 height and 23.2 tonne weight, the bell may well be one of the biggest of its type in the world. Perhaps that also applies to the priest Don Antonio Rossaro, who, in 1924 just a few years after the terrible battles in the region had the idea of casting a memorial bell out of cannons from the all countries involved in the First World War.

Functions and benefits

- Astro time switch with weekly program, one channel and 54 memory locations for a variety of uses
- Sunrise and sunset times are calculated automatically for the astronomical switching function
- Position data for the installation location can be programmed via coordinates or a country/city list
- Easy, text-based operation with illuminated display, can also be operated without mains supply
- Simple installation and set-up via DuoFix plug-in terminals and preset date and time
- Protection against power cuts through 10 year power reserve thanks to lithium battery
- Interface for OBELISK top2 memory card enables programming on PC
- Programs can be copied for use with several time switches, manual On/Off is possible as constant switching
- Integrated elapsed-time counter



The curves show the astronomical course of sunrise and sunset.

The ringing of the bell was designed to commemorate the victims of all wars and promote peace. And the 10.3 tonne bell cage with yoke and ringer also drew appreciation for the heavy work it did every day. In comparison, Theben's SELEKTA 170 top2 time switch, which automatically starts the drive motor, is a veritable light weight.

Calculates sunset daily

The memorial site with its museum is open every day. The bell tolls at sunset. When updating the time control for the peace bell, the electrical contractor opted for the Theben SELEKTA 170 top2 time switch with Astro program. The two width unit wide housing contains all the functions

required to fulfil the ringing times set for the whole year: Astronomical switch function for the traditional evening bell ringing and a weekly program for bell ringing at Sunday lunchtime. Other important functions include automatic summer/winter time changeover, the option of a second plug-in switching program for changing from summer to winter mode and manual access with text-based user instructions.



The use of SELEKTA for the famous ringing mechanism near to Lake Garda and the Dolomites on the E45 motorway, is a mark of confidence in the quality of time switch technology from Theben.

With its 100 chimes each night, the bell commemorates the fallen in all wars and pleads for peace between the peoples of the world

Client	Fondazione Opera Campana dei Caduti Rovereto Italy
Project	Bell control with astronomical time switch

Image source: Gio2000

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