Studio / Production Timer

Alpermann + Velte

...just out of the box
Alpermann+Velte’s Studio / Production Timer, SPT

...out of the box, ready to use in your production...

- 6 different timers at the same time (up, down, difference, offset)
- simple setup, one cable only - for signal and power supply
- unlimited number of displays in various sizes
- NTP reference supply

The SPT combines the flexibility of a portable remote with the feature set of a large timer generator system.

Up to six timers can be generated onboard. An external NTP server can be aligned as a real-time reference. An Ethernet output distributes all timers straight into your network.

All A+V Ethernet displays can be hooked up at any place in the connected studio, so that all production timers finally become visible where they’re needed and when they’re needed – without additional signal cabling!

A vast generator unit isn’t necessary. This adds even more movability and value to the compact studio production timer SPT.
**SPT specifications**

**NTP Input/Ethernet port**  
Standard ethernet port, MTDoE

**IP address allocation mode**  
DHCP, manually

**Supported communication modes**  
Broadcast, Unicast

**Minimum network bandwidth**  
100 Mbit

**Maximum MTDoE hardware devices per system**  
Broadcast: unlimited, Unicast: 20

**Maximum cable length**  
Ethernet standard (100m)

**Alternate Configuration port**  
USB

**Universal serial bus “B” jack**  
USB 1.1 (compatible with USB 2.0)

**Flash software upgradable**  
Yes

**2 x GPI output (via RJ45)**  
Programmable  
Zero-crossing, external trigger, etc...

**2 x GPI input (via RJ45)**  
Fader contact, start, stop, reset, hold, etc...

**SPT, tabletop**

![Image of SPT tabletop model]

The SPT must be used in conjunction with A+V Ethernet displays of the UD-Series.

Please see the separate leaflet for more information.

**SPTH1, 19”1RU**

![Image of SPTH1 19”1RU]

**Others**

**PoE power consumption per display/control unit**  
3 to 12W

**Operating Voltage**  
10-30 VDC

**PI power injector output**  
14W

**Weight SPT, tabletop housing**  
0.6 kg approx.

**Weight SPTH1, 19”1RU rack mountable version**  
0.4 kg approx.

**Dimensions SPT, tabletop housing**  
W x H x D 112 x 51 x 162 mm/4.41 x 2.01 x 6.38 inches

**Dimensions SPTH1, 19” rack mountable housing**  
19”, 1RU

**Environmental characteristics, operating**  
Temperature: +5° C - +40° C  
Relative humidity: 30% - 85%, non-condensing

**Environmental characteristics, non-operating**  
Temperature: -10° C - +60° C  
Relative humidity: 5% - 95%, non-condensing

**Product ordering ID**

**SPT**  
Studio/Production Timer control unit and generator, tabletop housing

**SPTH1**  
Studio/Production Timer control unit and generator, 19”1RU housing

**PI**  
Ethernet power injector

**Option TCU DR**  
Second display, 14mm, red, for SPTH1

**Option TCU DG**  
Second display, 14mm, green, for SPTH1

**Option TCU DY**  
Second display, 14mm, yellow, for SPTH1