

PRESS RELEASE

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ALPHANOV LAUNCHES AN ULTRA-COMPACT ELECTRIC PULSE GENERATOR

TOMBAK - Pulse Delay Generator, is a product enabling ALPhANOV to complete its wide range of optoelectronic modules.

TOMBAK is a universal picosecond resolution module that integrates many features gathered in one easy-to-use and compact device which can be controlled via USB connection. It is used as Pulse / Burst Generator, Delay Generator, Voltage Converter, Pulse-Picker or Frequency Divider. The frequency of the input signals can reach 200 MHz.

The TOMBAK is a high-performance pulse generator, particularly suitable for testing and synchronizing your electronics and lasers.

ALPhANOV can adjust to specific needs through a set of electronic cards dedicated to control various families of laser diodes in a wide variety of continuous or pulse modes.

Key features of Pulse Delay Generator:

- 10 ps delay resolution
- 2 ns pulse resolution
- 80 ps RMS jitter
- 30 mV minimum input voltage
- 150 MHz voltage level converter
- 200 MHz input frequency divider
- 200 MHz clock synchroniser
- USB interface
- 2 years warranty

About ALPhANOV

Established in 2007, ALPhANOV is the optics and lasers technology center of the Route des Lasers cluster. It acts as a technology transfer accelerator and uses its expertise and know-how to serve innovative projects with industrial target short and mid-terms. It offers multiple modes of action which enable it to act all along the value chain. Its fields of expertise include laser processes and micromachining, laser sources and fiber components, laser and optical systems and health applications of photonics.



CONTACT

Ludovic LESCIEUX
communication@alphanov.com
+33 (0)5 24 54 52 44

ADDRESS

ALPhANOV
Institut d'optique d'Aquitaine
Rue François Mitterrand
33400 Talence

www.alphanov.com

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