

# Pulse Distribution Unit VCH-612

 [vremya-ch.com/index.php/en/products-en/signgen-en/vch-612-en/index.html](http://vremya-ch.com/index.php/en/products-en/signgen-en/vch-612-en/index.html)



Pulse distribution unit is designed for distribution of high quality TTL pulse signals. The unit has 16 independent outputs for 50 Ohm loads. RS-232 interface allows selecting of trigger level and monitoring status information.

## Key applications:

- time and frequency high precision automatic measurement systems;
- time and frequency etalon systems.

## Specifications

### *Input signal parameters:*

- positive polarity;
- pulse rates from 1 Hz to 10 MHz with duty cycle not less than 10;
- high level no more than 10 V at  $(50 \pm 1)$  Ohm;
- pulse duration not less than 50 ns.

### *Output signal parameters*

- positive polarity;
- high level 2.5 V–5 V at  $(50 \pm 0,3)$  Ohm;
- rise/fall time no more than 1 ns;
- rising edge of the pulse is a working edge.

Input / output delay is no more than 20 ns.

Differential channel/channel delay is no more than 150 ps.

Temperature-delay coefficient is no more than 10 ps/°C.

Power consumption is no more than 20 V·A (for AC) and no more than 20 W (for DC 27 V).

Input and output connectors — BNC.

Status information is available via RS-232 interface.

**Operating temperature range:** +5 °C to +40 °C.

**Weight:** < 4 kg.

**Power supply:** AC (100÷240) V, (50÷60) Hz; DC (22÷30) V.

**Dimensions(W×H×D):** 483×44×310 mm (1 U).

