



## UV07 Hydraulic Controller

### Ergonomy and Precision

UV07 is the heart of a **UV CAN** control system. It is a control handle which includes all necessary electronics for controlling hydraulic valves directly. Thus it needs to be accompanied only by **UVOD** to create a control system which is easy to install and intuitive to use.

UV07 control handle is designed to be reliable. The joystick sensors are magnetic HAL-effect sensors, which do not have a mechanical, wearable components. Thus the lifetime of UV07 is practically infinite.



A precise control of a mobile machine requires a lot from its control system. UV07 has 10 current-controller, closed-loop outputs, whose all settings can be adjusted to suit the hydraulic valve used by the machine. The microcontroller inside UV07 constantly measures the electric current going to the hydraulic valve, detecting short circuits and overheating, protecting the electronics inside.

### Technical Specifications

Voltage	8 - 30 V DC
Current consumption	Max 10 A
Joystick axes	3 pcs
Axis type	HAL-sensor
Outputs	10 pcs
Output type	Current controlled
Current per output	Max 2200 mA
Connector	Superseal 26-pin
Interface	1 x CAN-bus
IP-rating	IP67