



xpro PowerBox

a really clever Power Distribution Unit



a rock solid Product to supply up to 6 System Members

clever Testing with **xpro**®

xpro PowerBox Power Distribution with 6 Channels

a „no-Brain“ Product fully packed with a Bundle of Features

xpro PowerBox - powering your Equipment

No matter how extensive the installation of vehicle test equipment may be - one thing will always be necessary, namely a distribution unit which supplies all devices in the test setup with voltage.

These voltage distributors are often built “quick and dirty”. Simply take a plastic box from the shelf and solder in a few wires - done !???

Considerations regarding reliability and safety are often not taken into account.

Wires with inadequate current ratings are used or the cheapest banana sockets that are susceptible to faults.

However, higher currents in conjunction with improper wiring quickly lead to a considerable voltage drop, which is ultimately not enough to power your devices.

In addition, the voltage drops generate heat with $I^2 \cdot R$, which can become critical during hot summer tests. In the worst case, melting insulation can lead to short circuits or even fires.

We have addressed this issue and with **xpro PowerBox** provide a professional and solid solution for supplying your measuring systems.



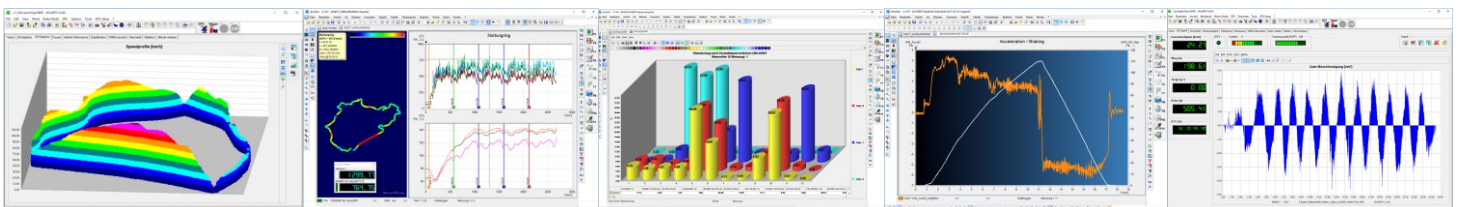
Benefits of the xpro PowerBox

- solid Banana jacks in best Swiss-made quality
- Banana jacks are mounted using press-fit technology and can therefore withstand even the strongest vibrations
- Connection of the power supply from the vehicles electrical system via a flexible and certified high-temperature cable
- All connections within the box are connected without any wire via a circuit board
- a standard vehicle style fuse can be replaced without tools and without opening the housing
- Electronic protection against high EMI spikes
- Massive rocker switch with spark suppression circuit to switch on and off of all system units
- Status LED indicates whether the connected systems are supplied with power
- The housing consists out of a compact and sturdy metal box
- a rubber lip on the right and left protects against slipping and prevents the surface below from being scratched

Technical Facts

- Supply power 0 ... 50VDC, max. current 5A or 10 A
- automotive high-load fuse, can be replaced without tools
- Temperature range -40 ... 80 °C, non-condensing
- Dimensions approx. 165 mm * 85 mm * 32 mm
- Weight approx. 0.3 kg

xpro PowerBox - completely designed and produced in Germany



clever Testing with xpro® Automotive Systems