

OrgNG1.0

on the example of the St. James the Apostle church (Skierniewice, Poland) pipe organ console



The console before being modernized

- common two-position stop keys;
- two free combinations;
- mechanism based on vulnerable and highly energy-inefficient electromechanic technology: multiple high-current contacts, germanium diodes, relays;
- complex structure, inefficient operation;
- no possibility to alter the instrument functions;



The console after being modernized and after OrgNG1.0 installation

- stop keys with two-colour LED highlight;
- setter memory (1000 combinations in this particular case);
- large, clearly visible LCD display touch screen;
- low-current, low-voltage highly efficient system based on circuits made in MOS technology and on RISC microcontrollers;
- simple modular structure;
- possibility of altering the instrument action by modification of the software;