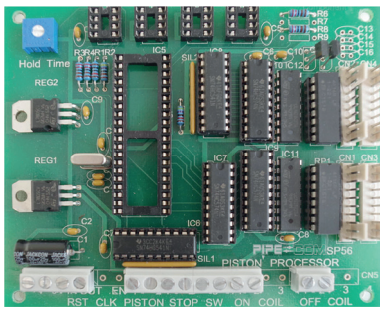
PIPE COM
ORGAN CONTROL SYSTEMS

by Cotswold Hybrid Organs Ltd

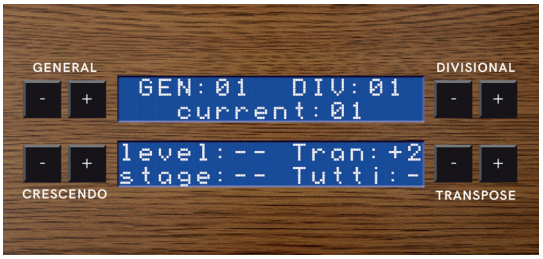


PC1 Piston control board

Our PipeCom organ control system offers supreme reliability and longevity, coupled with complete flexibility to control an existing pipe or hybrid organ.

Utilising an advanced digital firmware system, it can be configured to provide a comprehensive control of consoles and pipes, offering a wealth of useful features such as MIDI, transposition, pedal divide and record/playback.

Up to 99 levels of combination can be included, with the ability to independently lock each memory level, preventing unauthorised adjustment. The piston capture facility caters for general, divisional, cancel and reversible pistons. Other features are available, such as a stepper sequencer and programmable crescendo. Memory levels can be selected either by a simple rotary dial or a display-type panel. Separate selection of divisional and general memories is also available. Our premium console controller panel incorporates all system and registration control features in an accessible yet simple interface.



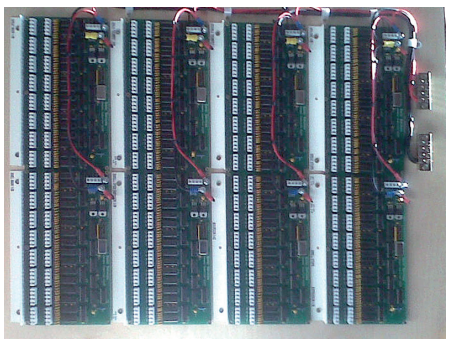
D1 Premium built-in console controller

PS1 Simple memory level selector

D2 Combined divisional and general piston control panel

The coupling/extension facility caters for all types of coupling and extension at any pitch. Limited compass groups of outputs for off-notes or top note chests can be programmed into the system.

The system is based on a main and piston processor (where needed) as well as input and output cards, which use solderless Krone insulation displacement connectors (IDC) for the organ wiring. In most installations the circuit cards are grouped together on a panel for each part of the organ. They can, however, be positioned anywhere around the organ This can be useful in the case of the output cards in a large organ chamber to avoid long cables meeting at a central point. The system uses a 64-channel code for sending information to the output cards. The same simple data cable is daisy-chained around the output cards, which have switches to select the channel to be decoded. The processing software allows any output card to send information to more than one rank of pipes or auxiliary function. Ranks can be split up into sections so different parts of the compass appear on different cards. This is useful where ranks are split between windchests positioned in different parts of the organ chamber. Our system is backwards-compatible with the rack-based equipment so that existing systems can be augmented with the IDC equipment if an organ is being enlarged.



POM System output cards

We offer a supply-only option to pipe organ builders or a complete supply-and-fit service.

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