

# Classic Organ Works

WWW.ORGANWORKS.COM

905-475-1275

INFO@ORGANWORKS.COM

## PCC-2E Pipe Control Computer Board



### Description

The Classic Pipe Control Computer Board, PCC-2E, is a revision of the PCC-2 with added optically-isolated inputs for two consoles. These prevent ground loops and thereby reduce the susceptibility to lightning strikes.

Buffered outputs of the inputs are provided for expansion purposes.

The PCC-2E decodes the serial signals from two consoles and combines them to run one set of chamber ranks.

The board can control up to 24 pipe driver boards, four of which can have RS422 drives.

Multiple output plugs allow the board to be used in "Legacy" systems with discrete systems or in "Grey Boxes".

Two temperature sensors may be connected directly to the console inputs (one each) and are isolated from the main board circuitry.

One MIDI input is available for the drive from electronic organ consoles. Two others are for separate outputs from two consoles. There are also two MIDI outputs to drive MIDI devices from the PCC-2E.

Supply voltage ranges from +9V to +35V, nominally +12V, from a chamber supply isolated from the consoles.

### Features

- Balanced RS422 inputs for two consoles.
- Optical isolation of inputs to prevent ground loops.
- Multiple MIDI connectors.
- Power: 9 to 35V at 1 Amp max.
- Approximate dimensions: 14.0" x 6.0" x 2.00" (w x h x d) (35.56 x 15.24 x 5.08 cm)

### Applications

The PCC-2E board is used only in Legacy systems to combine the serial outputs from two consoles and drive a common set of ranks.