

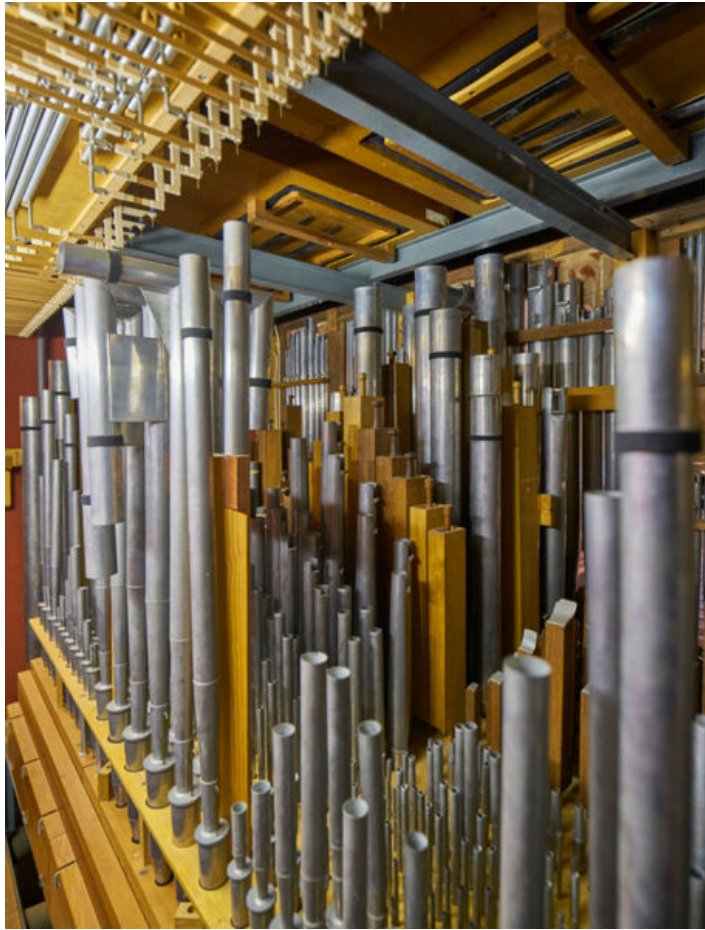
Pipes...

BachTeX 2025
Willi Egger

do something... | ...do something







Contents

- Organ pipe materials
- Organ pipe types
- Defining organ pipes
- Organ elements
- Sample music

Organ Pipe Materials

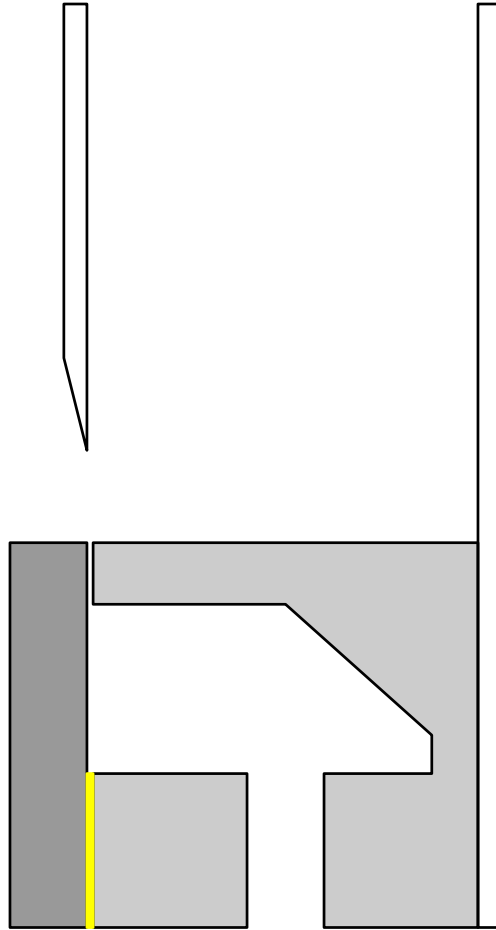
- Tin
- Tin alloyed with Lead (Antimony, Copper)
- Wood (soft wood, hard wood)

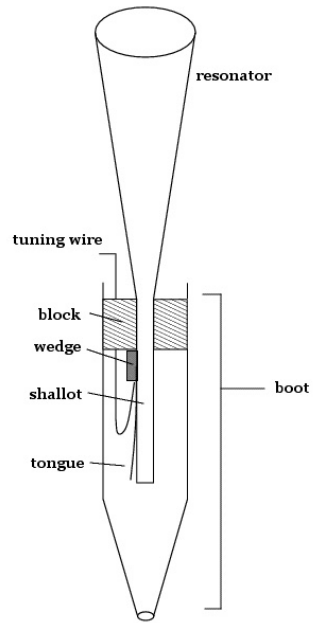
Organ Pipe Types











Defining a Flue- and Wood Pipe

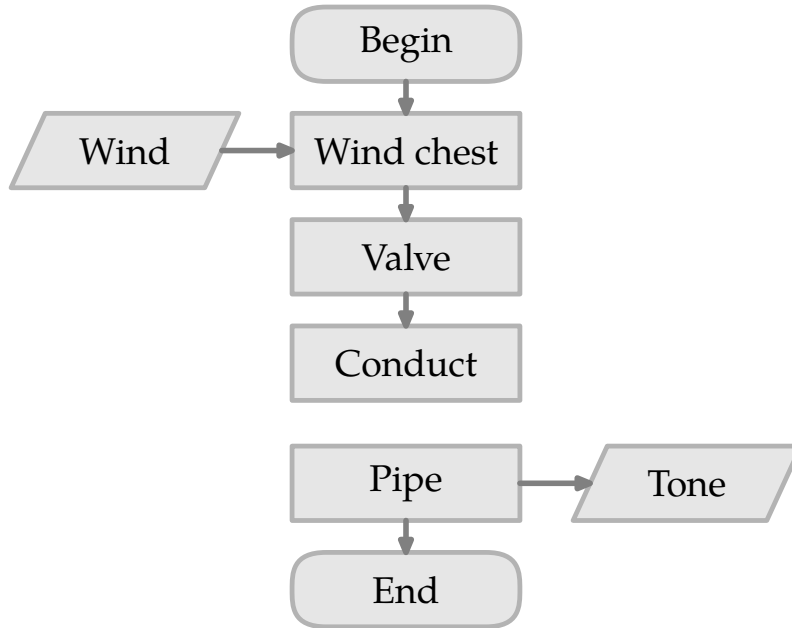
- Length
- Mensur (scale), dimensions of the cross-section
- Material

Defining a Reed Pipe

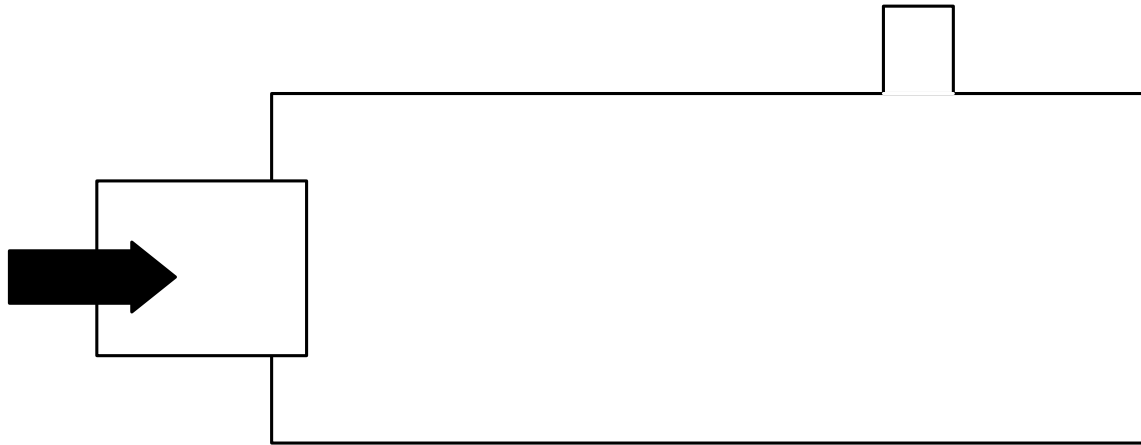
- Length, width, stiffness of the reed
- Form and length of the resonator
- Materials used

Organ Elements

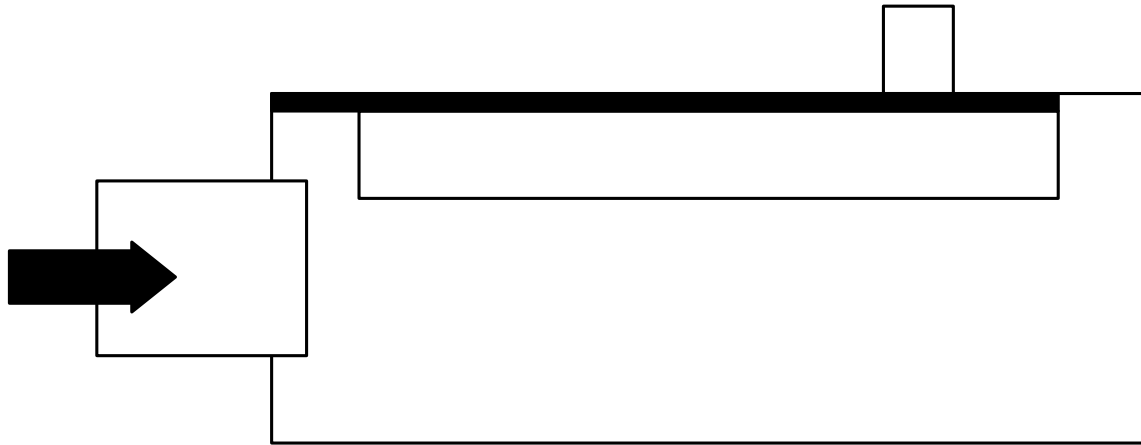
Organ's Principal Working



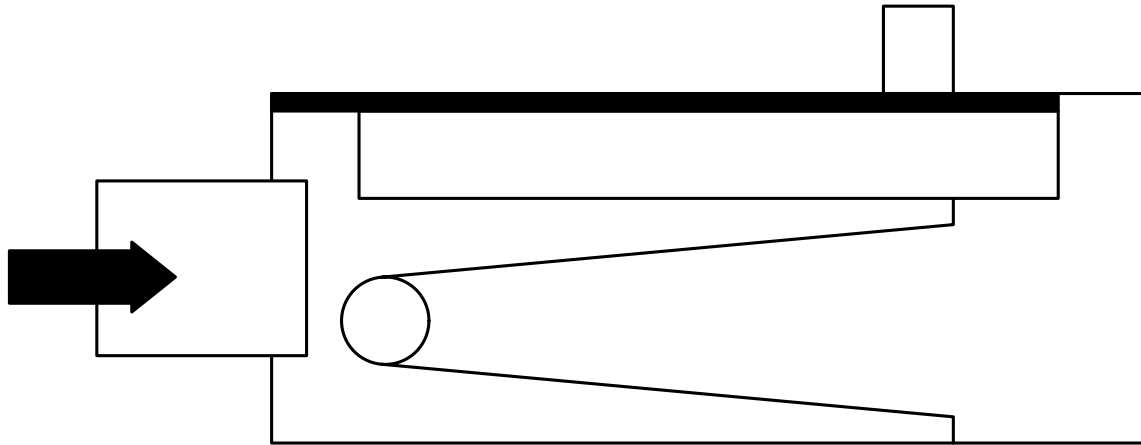
Wind Chest



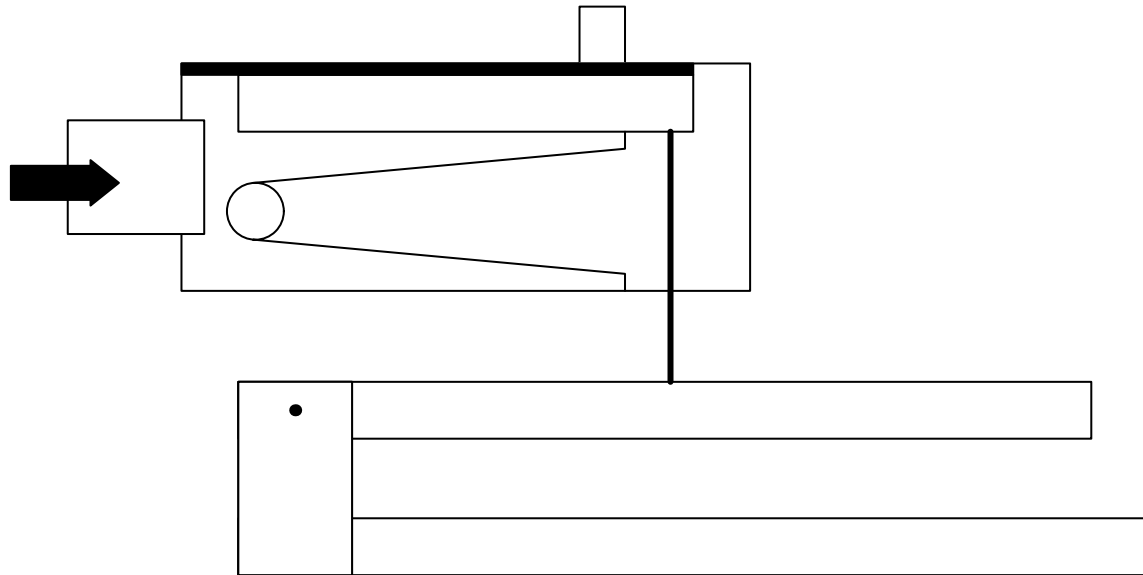
Valve

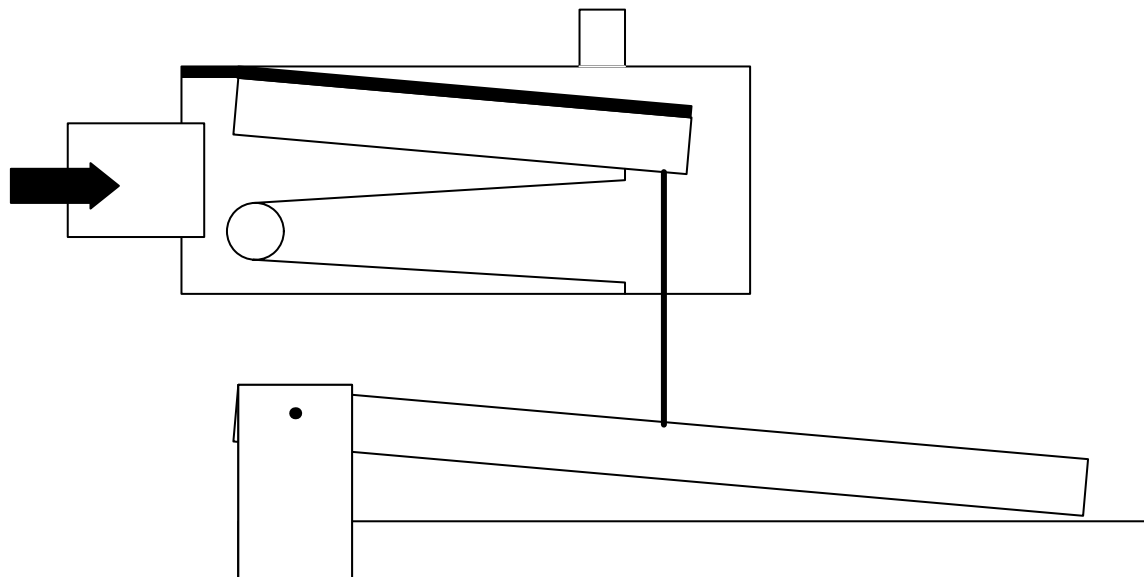


Spring

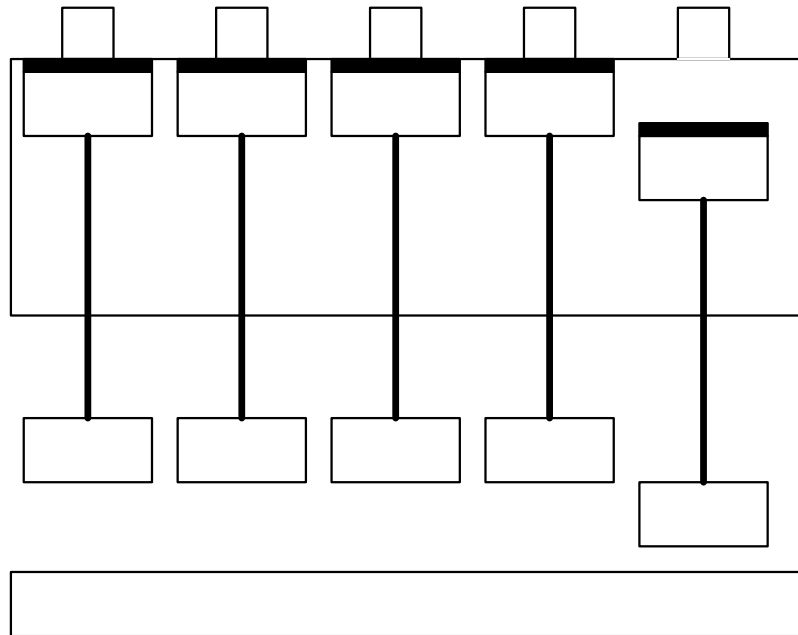


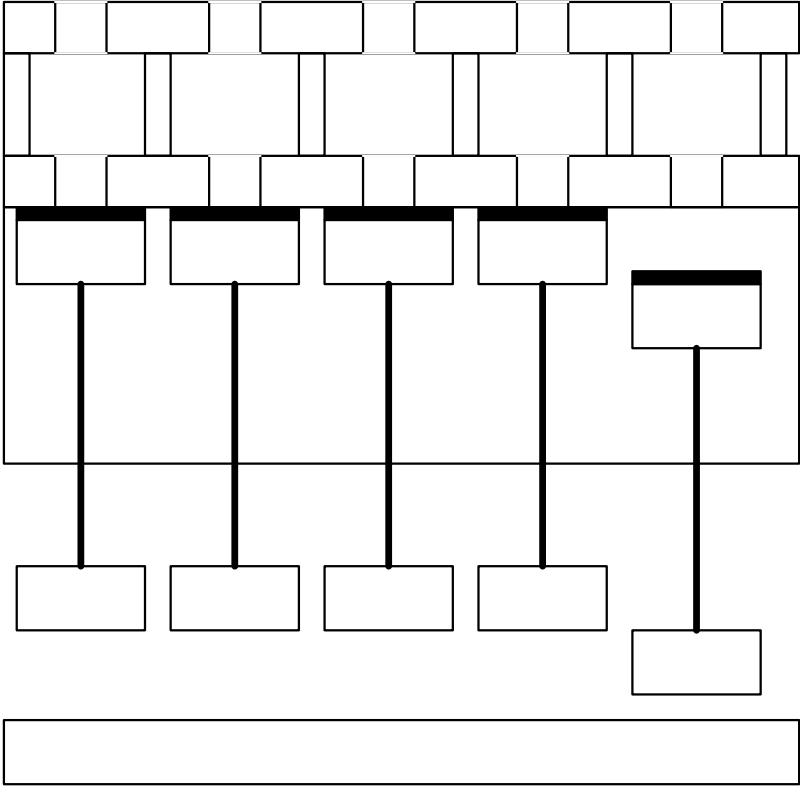
Keys, Tracker Action, Pulpets



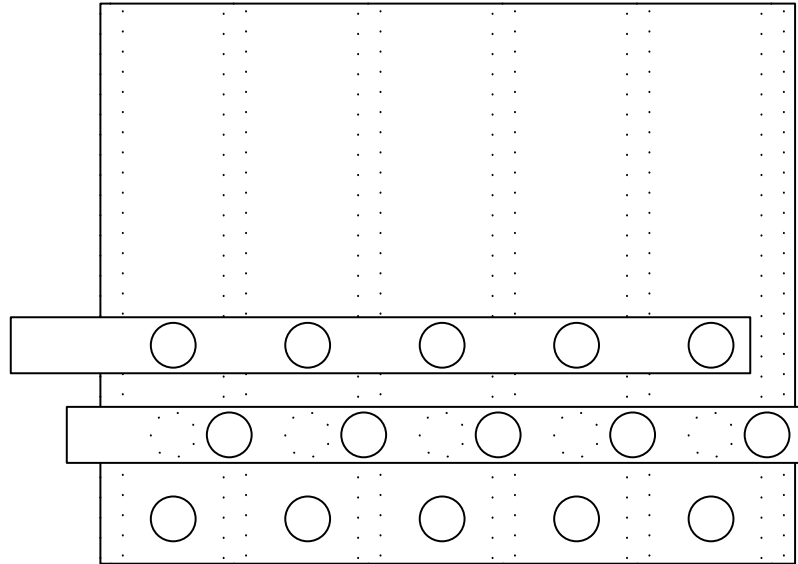


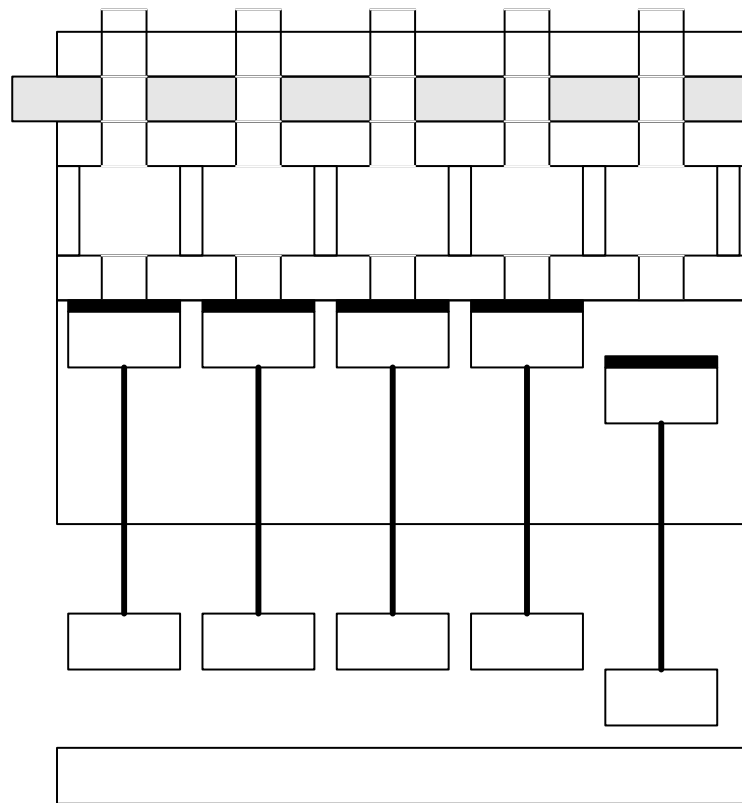
Conducts, Cancellas

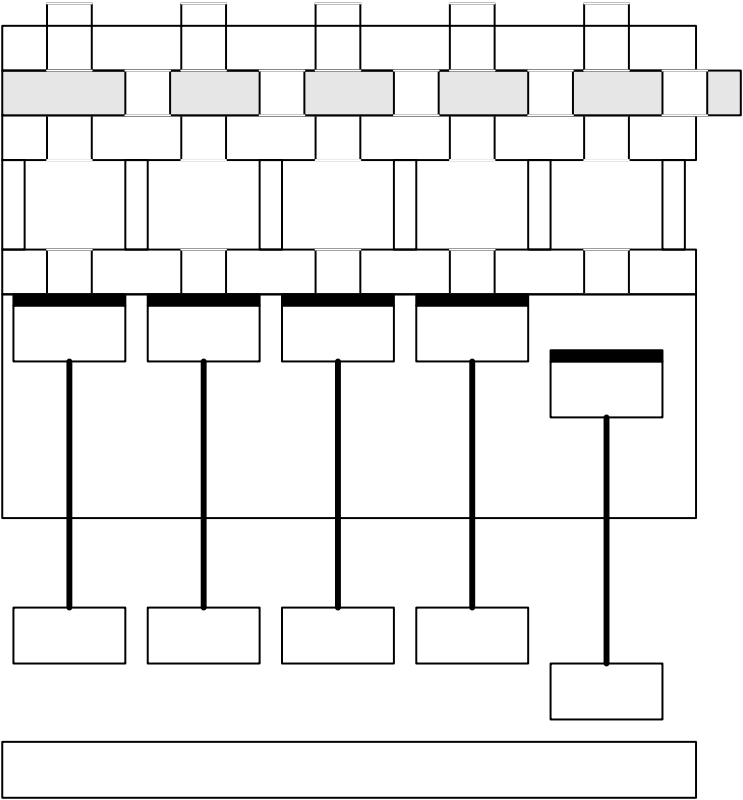




Registers

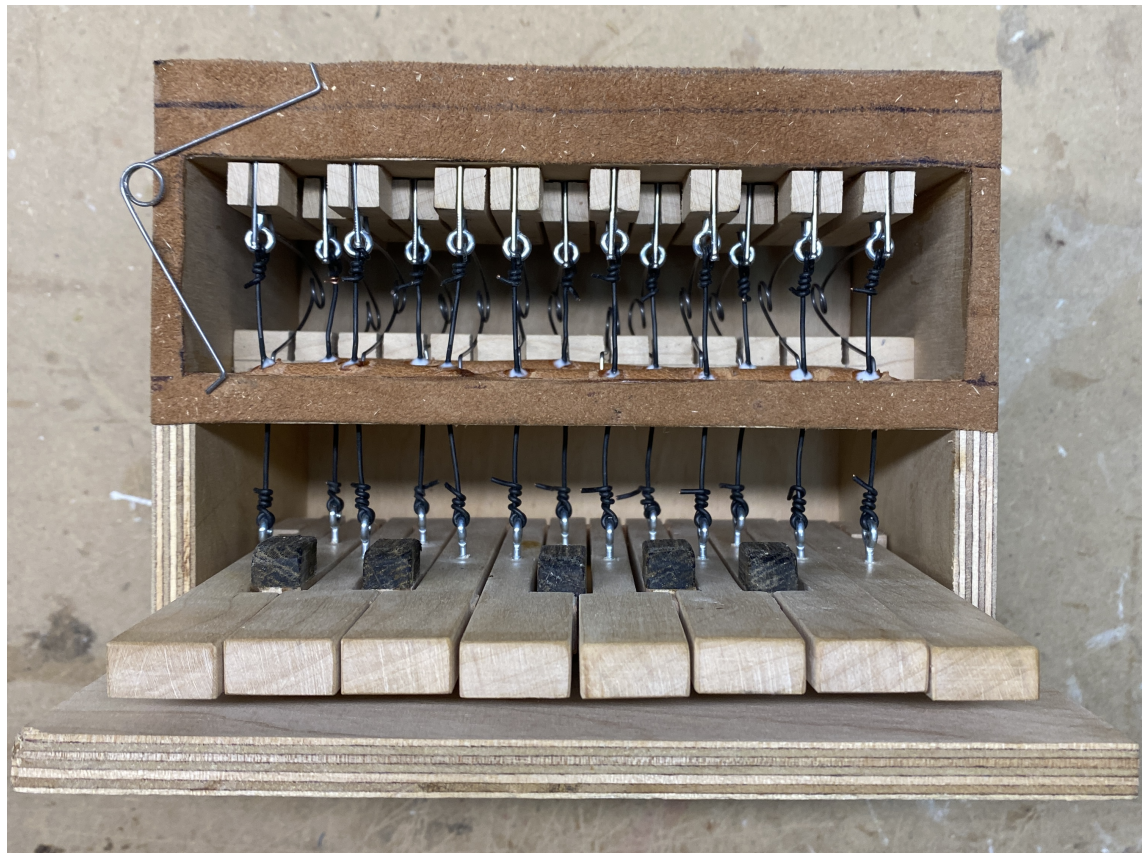






Mini-Organ





Demo

Improvisation by Barbara Wilińska...

Samples of Organ Music

- Widor, Toccata of symphony nr. 5, Simon Preston, Westminster Abbey organ
- Mozart, Adagio in C-major, Jan Ernst, Ladegast organ, Schwerin



Thank you for your attention