

Birth of the Pipes

{ The Organ from its Beginnings Through the Baroque Era

Over 2,000 years of
development

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1. Desire for different types of sound
 - pitch
 - range of volume
 - timbre
2. Different types and sizes of organs
3. Desire to make it easier for organists to utilize organ's capabilities

The Organ's Beginnings

- Ctesibius
 - hydraulus

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- Heron of Alexandria
 - keyboard

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- Nero
 - stronger air pumps

The Pneumatic Organ

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- Bellows were introduced around 120 A.D.
- 100's of pipes = 20-40 bellows
- Over 80 men
- Organa magna
 - four huge manuals
- Organa parva

Designing Organs for Venues

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- Acoustics
- Visual aesthetics
- Liturgical requirements

Designing Organs for Venues

- Case design
- Arrangement of pipes
- Pipe colors and ornamentation

Refinements after 1500

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- Smaller keyboard
- Reed pipes
- Concussion bellows
- Pedals

3 Reasons for Development

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2. Different types and sizes of organs
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