May 06, 2025

A Novel Physical Modeling Approach for Sound Synthesis of Chinese Chime Bells

DOI
https://dx.doi.org/10.17504/protocols.io.eq2lyqbdrvx9/v1

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OPEN ACCESS

DOI: https://dx.doi.org/10.17504/protocols.io.eq2lyqbdrvx9/v1

External link: https://github.com/wizonce9/A-Novel-Physical-Modeling-Approach-for-Sound-Synthesis-of-Chinese-Chime-Bells.git

Protocol Citation: Weijia Yang 2025. A Novel Physical Modeling Approach for Sound Synthesis of Chinese Chime Bells. **protocols.io** https://dx.doi.org/10.17504/protocols.io.eq2lyqbdrvx9/v1

Manuscript citation:
Wu, C. W., Huang, C. F., & Liu, Y. W. (2013, June). Sound analysis and synthesis of Marquis Yi of Zeng's chime-bell set. In *Proceedings of Meetings on Acoustics* (Vol. 19, No. 1). AIP Publishing.

Protocol status: Working
We use this protocol and it's working

Created: May 06, 2025

Last Modified: May 06, 2025

Protocol Integer ID: 217771

Keywords: Chimes, Modeling, Rate Adjustment, Acoustics., data of chinese chime bell, novel physical modeling approach for sound synthesis, sound synthesis data, chinese chime bells this repository, sound synthesis, chinese chime bell, novel physical modeling approach, modeling, use in popular audio host software, popular audio host software, synthesis

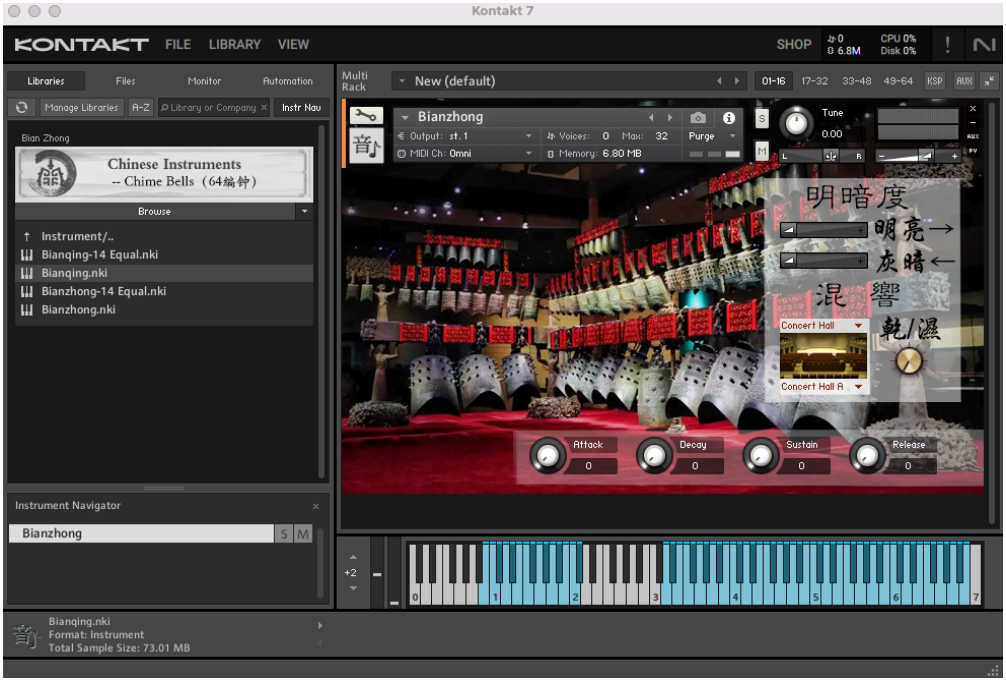
Funders Acknowledgements:
2023 Open and Independent Research Project of the Key Laboratory of Digital Music Intelligent Processing Technology of the Ministry of Culture and Tourism (Zhejiang Conservatory of Music)
Grant ID: 2023DMKLB001

Disclaimer

This research is for academic purposes only and not for commercial purposes. For more information about the project or related inquiries, please contact the corresponding author.

Abstract

This repository contains the modeling and sampling data of Chinese chime bells used in the research paper titled "A Novel Physical Modeling Approach for Sound Synthesis of Chinese Chime Bells". The sound synthesis data has been compiled into the **Kontakt format** for use in popular audio host software.



Chinese Chime Bells of Kontakt Version

Attachments

ZIP

A-Novel-Physical-Mod...

703KB

Image Attribution

Kontakt project.

Guidelines

Key Features:

- **Kontakt Audio Sources**: The audio data is in Kontakt format, which is widely used in audio production software.
- **Open Source**: The modeling and sound synthesis data are provided under an open-source license for further research and creative applications.
- **Support for Music Technology**: This project explores advanced sound synthesis techniques tailored for Chinese chime bells.

Materials

Download Additional Files:
The *64 Bian Zhong 1.0 KONTAKT.zip* file is too large to be hosted directly on Web.
You can download it from the following link:

- **Baidu Netdisk Download Link**: https://pan.baidu.com/s/15Svlq2CRl__toJM8ydzQQA
  Extraction Code: RFht

Safety warnings

For more information, feel free to reach out to the corresponding author:
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Ethics statement

No need.

Before start

To use the chime bell sound samples in your own project:

1 **Download the Repository**: Clone this repository or download it as a ZIP file.

2 **Install Kontakt**: Ensure that you have the latest version of **Kontakt** or any compatible software for using Kontakt instruments.

3 1. **Load Audio Sources**: Open the *.nki* files in the *Samples/* folder directly in Kontakt or through your audio host software (e.g., Ableton, Logic Pro, etc.).

Acknowledgements

The author extends deep gratitude to Nie Kaiwen and Li Yunpeng from Wuhan Conservatory of Music in China for providing sound sampling support. Special thanks are also given to Wu Chih-Wei of the Georgia Institute of Technology, USA, for his technical guidance on this research.