

# Total Composure

 The Art of Audio

## Definitive. Bell Lyre

USER GUIDE V1.2

## CONTENTS

Introduction.....	3
The Library.....	4
Contents .....	4
System Requirements .....	4
Installation.....	4
Running The Library .....	4
Registration .....	4
Instrument .....	5
Articulations .....	6
Soft Rubber Mallet.....	6
Hard Rubber Mallet .....	6
Damped.....	6
Plastic Mallet.....	6
Hard Rubber Mallet Glissandi .....	6
User Interface .....	7
Main Panel .....	7
Continuous Controller Setup Panel .....	8
E.U.L.A. ....	9
Support .....	10
Acknowledgements .....	10

## INTRODUCTION

The Bell Lyre is the first instrument in Total Composure's new range of Definitive.<sup>™</sup> sample libraries. A collection of libraries that allow the composer to create realistic performances of real instruments with as little work as possible, allowing you to spend more time writing music and less time tweaking each note one by one. Our instruments are performers who will follow your instructions – just add music.

The instrument is simple to use and is highly playable. Through advanced scripting we have made it incredibly easy to achieve a realistic performance with minimal programming. We have included advanced repetition scripting that helps you avoid the machine gun effect and phase issues with multiple parts, as well as easy to use glissando controls and complete continuous controller customisability.

## THE LIBRARY

Definitive.™ Bell Lyre is a high quality virtual instrument with advanced scripting. The samples were recorded dry allowing you to place them in any space you choose.

## CONTENTS

- 1 Patch in NKI format.
- 1146 stereo samples recorded at 24bit 48 KHz, 4 dynamic layers, and 3 recorded repetitions.
- Original user interface and advanced repetition scripting.

## SYSTEM REQUIREMENTS

- Full version of Kontakt 4.2.3 +
- 500 MB disk space

## INSTALLATION

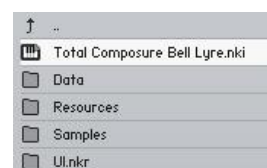
The library is supplied as a single Zip file. This is a compressed folder that you can open using the built in tools on your computer. Open the file by double clicking and it will decompress the contents.

Once decompression is complete you will have a single folder, this contains all the files needed to use the sample library. Simply copy this folder, or its contents, to the drive where you store your samples. For top performance it is recommended to keep sample libraries on a different drive to that of the OS and program files.

If this is your first Total Composure product installation, we recommend that you create a Total Composure folder on your sample drive in which to store this and any other Total Composure products you may own in the future.

## RUNNING THE LIBRARY

Once inside Kontakt, if you open the file tab in the browser window on the left-hand side you can browse to the instruments and multis of the newly installed sample library. Just double click the one you want to use and Kontakt will load it up.



You can also make use of Kontakt's Quick Load feature to make it even easier to load Total Composure libraries into Kontakt: Please refer to the Kontakt user manual for more information.

## REGISTRATION

Upon purchase of one of our Definitive virtual instruments you will receive an email with an eight number serial code. This code needs to be entered into the instrument on first use, either by clicking and dragging in the number entry boxes or by clicking the boxes and typing in the number on the keyboard. You may have to click the box several times before you can enter a number via the keyboard, this is a Kontakt quirk.



## INSTRUMENT

The bell lyre, also known as a bell lyra, is a small two octave glockenspiel - although they can be larger or smaller. Designed to be light and portable, some are built in the shape of a lyre and are played upright supported by a strap around the musician's waist; these are often used in marching bands. The instrument in this library is known as a flatbed bell lyre, is played horizontally, and can be supported by a special shoulder harness when played during a performance.

We recorded several sample sets for the instrument using three different mallets: soft rubber, hard rubber, and plastic. The plastic mallet sample set is available as a free trial.

Every patch, with the exception of the glissando, is sampled chromatically with recorded repetitions (round robin), and recorded dynamic levels. We have made use of velocity scaling which means the instrument will respond to 128 different velocity levels, and have elegantly edited and processed the samples to maintain consistent volume levels across each patch.

The instrument was recorded dry using a single condenser microphone in a close mic position. We recorded through an analogue mixer in order to retain a warmer, more natural sound, and used high quality A/D converters before fine tuning and editing each sample.

## ARTICULATIONS



## SOFT RUBBER Mallet

Key Switch: C0

## HARD RUBBER Mallet

Key Switch: D0

## DAMPED

Key Switch: E0

The samples for this articulation are hand damped; meaning that after the note has been struck a hand is placed on the bar to stop the sound. The damped samples are played as the key is released allowing you to decide how long the note sounds before it is damped.

This key switch is only effective when using either the hard or soft rubber mallet articulations.

## PLASTIC Mallet

Key Switch: G0

Also available as free trial

## HARD RUBBER Mallet GLISSANDI

The hard rubber mallet patch contains true legato transitions allowing you to perform realistic glissandi on the instrument.

Enabled via playing speed and continuous controller.

Up and down true legato interval samples.

## USER INTERFACE

The user interface of our Definitive range of instruments is intended to be clean, minimal, and simple to use. Our intention is to be able to produce realistic performances in a sequencer environment where behind the scenes CC controls are used more than the instruments visual interface. Such CC controls are fully customisable within the Definitive instruments interface.

The interface has been designed to make use of Kontakt 4's advanced scripting features. The controls are straightforward and easy to access, and offer lots of creative options. The following sections details the functions of each control.

### MAIN PANEL



1. Repetition Mode: For our definitive range we wanted to create instruments where every time a note is played it sounds slightly different, just like a live musician. To achieve this we use pitch shifting and micro-tuning techniques, combined with multiple repetition recordings, and original intelligent repetition scripting.
  - a. In repetition mode one - basic round robin - the instrument will play through the various recorded repetitions in order. Most patches have three recorded repetitions.
  - b. In mode two – intelligent repetition – the instrument will use various scripted and recorded techniques to achieve slight variations in the note. There are literally thousands of different, subtle, variations that the script will perform and it will never repeat a single variation more than once every 128 repetitions, per note.
2. Repetition Reset: This will reset both the basic and intelligent repetition systems. The button is automatically turned off once a note is pressed unless controlling it via a CC.
3. Glissando Speed Control: Controls the playing speed threshold for triggering glissandi notes. Our high precision script determines how fast two adjacent notes are played, if the notes are played quicker than the value of the speed control a transitioning note is triggered, either up or down the scale. Requires the glissando on/off CC to be turned on. Values are in milliseconds.
4. CC Settings Button: This button will take you to the CC setup panel – detailed in the next section. Once in the CC setup panel this button can be used, while holding the control key, to scroll through various CC presets. This button will also take you back to the main panel.

## CONTINUOUS CONTROLLER SETUP PANEL



In this panel you can choose which continuous controllers (CCs) are used within the instrument. You can also use the CC Settings Button, as described above, to select various preset options. When using the CCs in your sequencer any setting below 64 is interpreted as off and anything above is on. We recommend that you don't use CC numbers that are used by Kontakt.

Each CC number can only be used once, if you try and select a CC number that is already allocated to another control the CC will be set to the next available number.

The Mode CC is used to toggle the repetition mode between basic round robin and intelligent repetition.

The Reset CC enables or disables the repetition reset button. By using repetition mode one and leaving the reset CC turned on you can effectively disable the repetition function entirely.

The Speed CC allows you to control the glissando speed threshold. This performs the same task as moving the glissando speed control on the main panel

The Glissando On/Off CC allows you to enable or disable the glissando. There is no interface control for this feature and it can only be operated via CC.



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## SUPPORT

If you have any problems relating to the use of this Total Composure product and cannot find the solution in this guide then please feel free to contact us via the form on the contact page of our website -

[www.TotalComposure.com](http://www.TotalComposure.com).

You may also be able to find the answer to your problem at our YouTube channel -

[www.YouTube.com/TotalComposure](http://www.YouTube.com/TotalComposure).

You can also get details of our upcoming products and special offers by following us on Facebook -

[www.Facebook.com/TotalComposure](http://www.Facebook.com/TotalComposure).

## ACKNOWLEDGEMENTS

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Nils Liberg - [www.nilsliberg.se/ksp/](http://www.nilsliberg.se/ksp/).

KnobMan - <http://www.g200kg.com/en/software/knobman.html>.

Reaper - <http://www.reaper.fm>.