Max/MSP/Jitter for Music: A Practical Guide to Developing Interactive Music Systems for Education and More

By V. J. Manzo

Max/MSP/Jitter for Music: A Practical Guide to Developing Interactive Music Systems for Education and More By V. J. Manzo

In *Max/MSP/Jitter for Music*, expert author and music technologist V. J. Manzo provides a user-friendly introduction to a powerful programming language that can be used to write custom software for musical interaction. Through clear, step-by-step instructions illustrated with numerous examples of working systems, the book equips readers with everything they need to know in order to design and complete meaningful music projects. The book also discusses ways to interact with software beyond the mouse and keyboard through use of camera tracking, pitch tracking, video game controllers, sensors, mobile devices, and more. The book does not require any prerequisite programming skills, but rather walks readers through a series of small projects through which they will immediately begin to develop software applications for practical musical projects. As the book progresses, and as the individual's knowledge of the language grows, the projects become more sophisticated.

This new and expanded second edition brings the book fully up-to-date including additional applications in integrating Max with Ableton Live. It also includes a variety of additional projects as part of the final three project chapters.

The book is of special value both to software programmers working in Max/MSP/Jitter and to music educators looking to supplement their lessons with interactive instructional tools, develop adaptive instruments to aid in student composition and performance activities, and create measurement tools with which to conduct music education research.

⬇ Download Max/MSP/Jitter for Music: A Practical Guide to Dev ...pdf

⬒ Read Online Max/MSP/Jitter for Music: A Practical Guide to D ...pdf

Max/MSP/Jitter for Music: A Practical Guide to Developing Interactive Music Systems for Education and More

By V. J. Manzo

Max/MSP/Jitter for Music: A Practical Guide to Developing Interactive Music Systems for Education and More By V. J. Manzo

In *Max/MSP/Jitter for Music*, expert author and music technologist V. J. Manzo provides a user-friendly introduction to a powerful programming language that can be used to write custom software for musical interaction. Through clear, step-by-step instructions illustrated with numerous examples of working systems, the book equips readers with everything they need to know in order to design and complete meaningful music projects. The book also discusses ways to interact with software beyond the mouse and keyboard through use of camera tracking, pitch tracking, video game controllers, sensors, mobile devices, and more. The book does not require any prerequisite programming skills, but rather walks readers through a series of small projects through which they will immediately begin to develop software applications for practical musical projects. As the book progresses, and as the individual's knowledge of the language grows, the projects become more sophisticated.

This new and expanded second edition brings the book fully up-to-date including additional applications in integrating Max with Ableton Live. It also includes a variety of additional projects as part of the final three project chapters.

The book is of special value both to software programmers working in Max/MSP/Jitter and to music educators looking to supplement their lessons with interactive instructional tools, develop adaptive instruments to aid in student composition and performance activities, and create measurement tools with which to conduct music education research.

Max/MSP/Jitter for Music: A Practical Guide to Developing Interactive Music Systems for Education and More By V. J. Manzo Bibliography

Download and Read Free Online Max/MSP/Jitter for Music: A Practical Guide to Developing Interactive Music Systems for Education and More By V. J. Manzo

---

Editorial Review

Review
Praise for the First Edition: "A groundbreaking, step-by-step approach to empowering the creativity of music educators and music students through interactive computer software design."

--from the Foreword by David Elliott, Professor of Music and Music Education, New York University

"Max has become a major player in the world of music making and VJ Manzo's book is perfect for those who want to become fluent with the language. And, for the growing legions of music makers who are using clusters of applications for diverse projects, Manzo's clear categorization of Max functionality may well make this book an ongoing standard reference for building specific Max/MSP patches within each cluster."

--Morton Subotnick, Composer and Educator

"This book is a lucid and systematic introduction for beginners or intermediate users to all three components of the popular multimedia software Max/MSP/Jitter, covering MIDI, basic programming concepts, real-time audio/video manipulation, camera tracking, and alternate controllers. VJ Manzo does an excellent job of clearly explaining how to use the software. Music educators, students, music technologists, sound designers, game developers, composers, and multimedia artists interested in learning Max in order to develop their own software applications will find this to be a highly useful text."

--Cort Lippe, Director, The Lejaren Hiller Computer Music Studios, University of Buffalo

"There are very few comprehensive resources out there for educators in music technology to get their students engaged in the creative act of writing software, as opposed to simply relying on commercial applications. This book, start to finish, provides a thorough curriculum for using Max in a music education setting, nicely complementing the company's own documentation by showing how to build more complex projects that integrate interactivity and sound. Manzo's book is a great read, not only for educators and students but for electronic musicians looking to expand their arsenal of expressive tools."

--R. Luke DuBois, Brooklyn Experimental Media Center, Polytechnic Institute of NYU

About the Author

V.J. Manzo is Assistant Professor of Music Technology and Cognition at Worcester Polytechnic Institute (WPI). He is a composer and guitarist with research interests in theory and composition, artificial intelligence, interactive music systems, and music learning. V.J. is the author of the books *MAX/MSP/Jitter for Music, Foundations of Music Technology*, and co-author of the books *Interactive Composition* and *Environmental Sound Artists: in their own words*, all published by Oxford University Press. For more information visit vjmanzo.com.

Users Review

From reader reviews:

Christopher Barnes:

Why don't make it to be your habit? Right now, try to prepare your time to do the important behave, like looking for your favorite guide and reading a reserve. Beside you can solve your problem; you can add your knowledge by the book entitled Max/MSP/Jitter for Music: A Practical Guide to Developing Interactive Music Systems for Education and More. Try to make the book Max/MSP/Jitter for Music: A Practical Guide to Developing Interactive Music Systems for Education and More as your good friend. It means that it can being your friend when you feel alone and beside regarding course make you smarter than ever before. Yeah, it is very fortuned in your case. The book makes you much more confidence because you can know anything by the book. So , let us make new experience in addition to knowledge with this book.

William Todaro:

Book is written, printed, or created for everything. You can learn everything you want by a guide. Book has a different type. As we know that book is important matter to bring us around the world. Next to that you can your reading talent was fluently. A reserve Max/MSP/Jitter for Music: A Practical Guide to Developing Interactive Music Systems for Education and More will make you to be smarter. You can feel considerably more confidence if you can know about almost everything. But some of you think in which open or reading some sort of book make you bored. It is not make you fun. Why they might be thought like that? Have you searching for best book or acceptable book with you?

Jeremy Clayton:

On this era which is the greater man or who has ability in doing something more are more important than other. Do you want to become one of it? It is just simple method to have that. What you are related is just spending your time almost no but quite enough to have a look at some books. On the list of books in the top checklist in your reading list is usually Max/MSP/Jitter for Music: A Practical Guide to Developing Interactive Music Systems for Education and More. This book that is certainly qualified as The Hungry Hillsides can get you closer in turning out to be precious person. By looking right up and review this book you can get many advantages.

James Voyles:

A lot of publication has printed but it differs from the others. You can get it by online on social media. You can choose the top book for you, science, comedy, novel, or whatever by simply searching from it. It is named of book Max/MSP/Jitter for Music: A Practical Guide to Developing Interactive Music Systems for Education and More. You can add your knowledge by it. Without departing the printed book, it can add your knowledge and make an individual happier to read. It is most crucial that, you must aware about book. It can bring you from one spot to other place.

Download and Read Online Max/MSP/Jitter for Music: A Practical Guide to Developing Interactive Music Systems for Education and More By V. J. Manzo #P1E5UZYWK6T

Read Max/MSP/Jitter for Music: A Practical Guide to Developing Interactive Music Systems for Education and More By V. J. Manzo for online ebook

Max/MSP/Jitter for Music: A Practical Guide to Developing Interactive Music Systems for Education and More By V. J. Manzo Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Max/MSP/Jitter for Music: A Practical Guide to Developing Interactive Music Systems for Education and More By V. J. Manzo books to read online.

Online Max/MSP/Jitter for Music: A Practical Guide to Developing Interactive Music Systems for Education and More By V. J. Manzo ebook PDF download

Max/MSP/Jitter for Music: A Practical Guide to Developing Interactive Music Systems for Education and More By V. J. Manzo Doc

Max/MSP/Jitter for Music: A Practical Guide to Developing Interactive Music Systems for Education and More By V. J. Manzo Mobipocket

Max/MSP/Jitter for Music: A Practical Guide to Developing Interactive Music Systems for Education and More By V. J. Manzo EPub