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# **Handmade Electronic Music The Art Of Hardware Hacking By Nicolas Collins**

**handmade electronic music the art  
of hardware hacking. handmade  
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digital. handmade electronic  
music the art of hardware  
hacking. handmade electronic**

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of hardware hacking*

*April 17th, 2020 - handmade  
electronic music the art of hardware  
hacking provides a long needed  
practical and engaging introduction  
to the craft of making as well as  
creatively cannibalizing electronic*

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*circuits for artistic  
purposes"handmade electronic  
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hacking provides a long needed  
practical and engaging introduction  
for students of electronic music  
installation and sound art to the  
craft of making as well as creatively  
cannibalizing electronic circuits for  
artistic purposes designed for  
practioners and students of*

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*electronic art it provides a guided  
tour through the world of  
electronics"***handmade electronic  
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hacking provides a long needed  
practical and engaging introduction  
for students of electronic music  
installation and sound art to the craft  
of making as well as creatively  
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artistic purposes designed for

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practioners and students of  
electronic art it provides a guided  
tour through the world of  
electronics'

**'handmade electronic music the  
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library handmade electronic music  
the art of hardware hacking nicolas  
collins handmade electronic music  
introduces the basic of practical  
circuitry while instructing the  
student in basic electronic principles

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always from the practical point of view of an artist it teaches a'

**'postponed nic collins handmade electronic music 3rd**

**May 7th, 2020 - nic collins returns to quimby s for the release of the third edition of his book**

**handmade electronic music the art of hardware hacking routledge on saturday june 20th handmade electronic music the art of hardware hacking provides a long needed practical and engaging**

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**introduction to the craft of  
making as well as creatively  
cannibalizing electronic circuits  
for artistic purposes'**

**'handmade electronic music  
hardware hacking workshop**

**May 27th, 2020 - nicolas collins is  
an artist the editor in chief of the  
leonardo music journal and a  
professor in the department of  
sound at the school of the art  
institute of chicago his book  
handmade electronic music the art**

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**of hardware hacking routledge  
has influenced emerging electronic  
music worldwide free and open to  
all'**

*'hack of the month club project 4  
how to solder*

*November 22nd, 2019 - nic collins  
shows you how to solder a boring  
but essential hacking skill from the  
dvd in handmade electronic music  
the art of hardware hacking  
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taschenbuch condition neu neuware

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hardware hacking provides a long

needed practical and engaging

introduction to the craft of making

as well as creatively cannibalizing

electronic circuits for artistic

purposes'

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**'hardware hacking with nicolas collins ausland berlin**

May 24th, 2020 - since 1997 he has been editor in chief of the leonardo music journal he is currently chair of the department of sound at the school of the art institute of chicago recent recordings are available on platelunch periplum and apestaartje his book handmade electronic music the art of hardware hacking will be published by routledge in 2006'

*'handmade electronic music the art*

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## *of hardware hacking*

*May 1st, 2020 - book description  
handmade electronic music the art  
of hardware hacking provides a long  
needed practical and engaging  
introduction to the craft of making  
as well as creatively cannibalizing  
electronic circuits for artistic  
purposes with a sense of adventure  
and no prior knowledge the reader  
can subvert the intentions designed  
into devices such as radios and toys  
to discover a new'*

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**'handmade electronic music  
hardware hacking workshop**

May 14th, 2020 - workshop

participants should bring one  
loudspeaker 10cm diameter or larger  
raw speaker or enclosed in a cabinet  
box not a powered speaker bigger is  
better a soldering iron lightweight  
fine point hand tools diagonal  
cutters wire strippers a knife etc one  
nine volt battery nicolas collins is an  
artist the editor in chief of the  
leonardo music journal and a

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professor in the "*handmade  
electronic music the art of  
hardware hacking*

*May 31st, 2020 - handmade  
electronic music the art of hardware  
hacking provides a long needed  
practical and engaging introduction  
to the craft of making as well as  
creatively cannibalizing electronic  
circuits for artistic purposes'*

**'handmade electronic music the  
art of hardware hacking**

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May 20th, 2020 - handmade electronic music the art of hardware hacking provides a long needed practical and engaging introduction to the craft of making as well as creatively cannibalizing electronic circuits for artistic purposes with a sense of adventure and no prior knowledge the reader can subvert the intentions designed into devices such as radios and toys to discover a new sonic world'

*'handmade electronic music the art*

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## *of hardware hacking*

*May 31st, 2020 - handmade electronic music the art of hardware hacking provides a long needed practical and engaging introduction to the craft of making as well as creatively cannibalizing electronic circuits for artistic purposes with a sense of adventure and no prior knowledge the reader can subvert the intentions designed into devices such as radios and toys to discover a new sonic world'*

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***'handmade electronic music the art of hardware hacking***

*April 22nd, 2020 - handmade electronic music the art of hardware hacking provides a long needed practical and engaging introduction to the craft of making as well as creatively cannibalizing electronic circuits for artistic purposes with a sense of adventure but no need for prior knowledge the reader can subvert the intentions designed into*

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*devices such as radios and toys to  
discover a new sonic world'*

**'handmade electronic music co uk  
collins nicolas**

**May 14th, 2020 - handmade  
electronic music the art of  
hardware hacking provides a long  
needed practical and engaging  
introduction to the craft of  
making as well as creatively  
cannibalizing electronic circuits  
for artistic purposes with a sense**

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**of adventure and no prior  
knowledge the reader can subvert  
the intentions designed into  
devices such as radios and toys to  
discover a new sonic world'  
'handmade electronic music  
hardware workshop w nicolas  
May 27th, 2020 - handmade  
electronic music hardware  
workshop w nicolas collins so i  
spent the first weekend in may the  
first sunny one of the year i might  
add with 17 other like minded**

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**individuals in a very nice but  
practically windowless room in  
the science gallery trinity college  
making things that make  
noise"handmade electronic music  
the art of hardware hacking  
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nicolas collins accompanying dvd rom  
includes video demonstrations of  
13 projects from the book a  
gallery section consisting of 87**

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**video clips by various artists and  
audio files from the original cd  
from the first"collins rt75921 c000  
*narod ru***

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hacking by nicolas collins illustrated  
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*2 electronic musical instruments'*

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May 26th, 2020 - book description  
handmade electronic music the art of hardware hacking provides a long needed practical and engaging introduction to the craft of making as well as creatively cannibalizing electronic circuits for artistic purposes with a sense of adventure and no prior knowledge the reader

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can subvert the intentions designed  
into devices such as radios and toys  
to discover a new sonic"**62 best the  
art of handmade electronics  
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hacking provides a long needed  
practical and engaging introduction  
for students of electronic music  
installation and sound art to the craft  
of making as well as creatively  
cannibalizing electronic circuits for  
artistic purposes'

**'nicolas collins books**

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electronic music the art of**

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routledge new york 2006 a call for  
silence sonic arts uk 2004**

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2004 the manual i wrote for my  
hacking course and first  
workshops that eventually became  
handmade electronic music as  
published by routledge"handmade  
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hardware hacking**

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stringent efforts by all concerned in  
the publishing process some errors  
or omissions in content may occur  
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these items to our attention where  
they represent errors of substance'

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**cannibalizing electronic circuits  
for artistic purposes" nicolas  
collins**

**May 25th, 2020 - in 2006 collins  
book handmade electronic music  
the art of hardware hacking was  
published by routledge an  
expanded updated edition was  
published in 2009 he was a major  
influence on the establishment of  
the musical electronics library in  
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**music'**

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hardware hacking provides a long  
needed practical and engaging  
introduction to the craft of  
making as well as creatively  
cannibalizing electronic circuits  
for artistic purposes with a sense  
of adventure and no prior**

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**knowledge the reader can subvert  
the intentions designed into  
devices such as radios and toys to  
discover a new sonic world'  
'handmade electronic music the  
art of hardware hacking by  
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information handmade electronic  
music the art of hardware hacking  
provides a long needed practical  
and engaging introduction for  
students of electronic music  
installation and sound art to the**

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**craft of making as well as  
creatively cannibalizing electronic  
circuits for artistic purposes'**

**'nicolas collins handmade  
electronic music**

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drawings and prose to a publishable  
state and the result was handmade  
electronic music the art of hardware  
hacking 2006 an expanded second  
edition was published in 2009'

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of hardware hacking provides a  
long needed practical and  
engaging introduction for students  
of electronic music installation  
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introduction for students of  
electronic music installation and  
sound art to the craft of making as  
well as creatively cannibalizing  
electronic circuits for artistic  
purposes designed for practioners  
and students of electronic art it  
provides a guided tour through**

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*hacking provides a long needed*

*practical and engaging introduction*

*for students of electronic music*

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*cannibalizing electronic circuits for*

*artistic purposes designed for*

*practioners and students of*

*electronic art it provides a guided*

*tour through the world of*

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*electronics'*

**'hack of the month club project 7  
tape heads**

**May 28th, 2020 - nic collins shows  
how to scratch data cards and  
cassette tapes with a head torn  
from a boombox from the dvd in  
handmade electronic music the art  
of hardware hacking routledge  
2009'**

*'fun with sea moss or basic digital  
sound devices*

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*May 24th, 2020 - fun with sea moss  
or basic digital sound devices by  
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stomczak e access au for blah  
blahing please note that the  
construction of a square wave  
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integrated circuit and then using it  
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integrated circuit is taken from the  
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craft of making as well as creatively  
cannibalizing electronic circuits for  
artistic purposes'*

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engaging introduction for students  
of electronic music installation and  
sound art to the craft of making as'  
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*'book handmade electronic music*

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