

# ADDAC001 VCC

## The Voltage Controlled Computer

USER'S GUIDE

# **ADDACOOX Voltage Controlled Computer**

ADDACOOX EXPANSIONS - USER'S GUIDE

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# ADDAC00X Voltage Controlled Computer

ADDAC00X EXPANSIONS - USER'S GUIDE

## EXPANSIONS & CONNECTIONS

### STANDARD LAYOUT

This is the standard layout for the V.3 PCB

### EXPANSIONS LIST

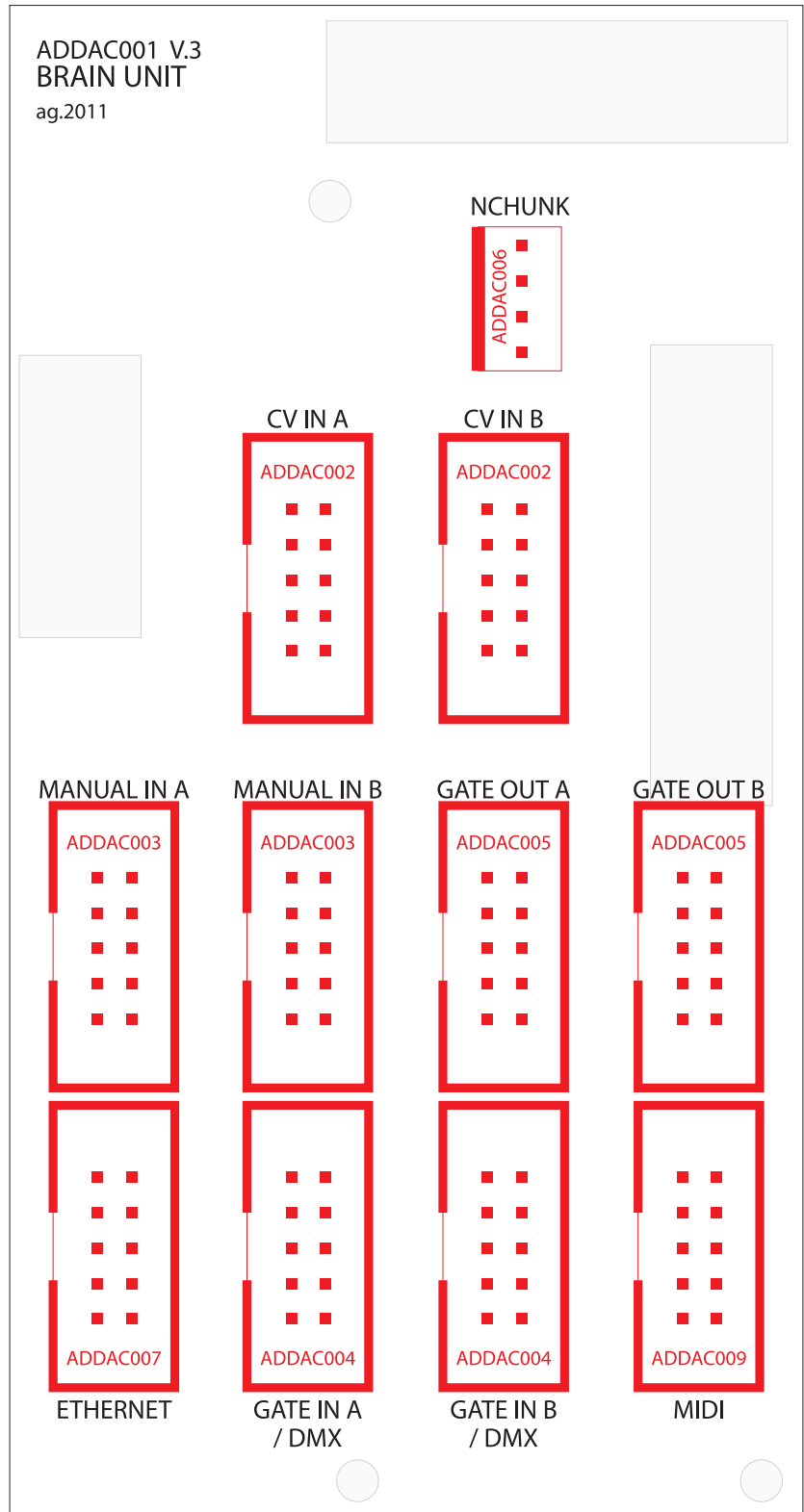
- ADDAC002 - CV INPUTS
- ADDAC003 - MANUAL INPUTS
- ADDAC004 - GATE INPUTS
- ADDAC005 - GATE OUTPUTS
- ADDAC006 - NCHUNK
- ADDAC007 - ETHERNET
- ADDAC008 - DMX
- ADDAC009 - MIDI I/O

### SLOT NAMES

- CV IN A/B
- MANUAL IN A/B
- GATE IN A/B / DMX
- GATE OUT A/B
- NCHUNK
- ETHERNET
- MIDI

### CONNECTION CHART

ADDAC002	CV IN A/B
ADDAC003	MANUAL IN A/B
ADDAC004	GATE IN A/B
ADDAC005	GATE OUT A/B
ADDAC006	NCHUNK
ADDAC007	ETHERNET
ADDAC008	DMX
ADDAC009	MIDI



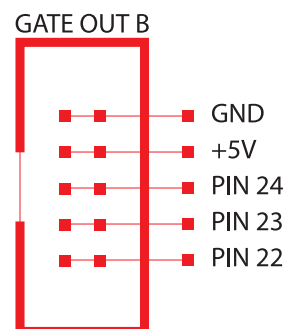
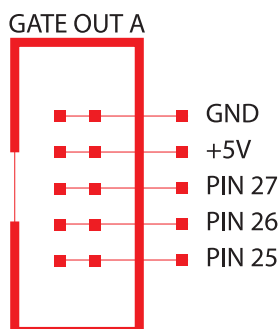
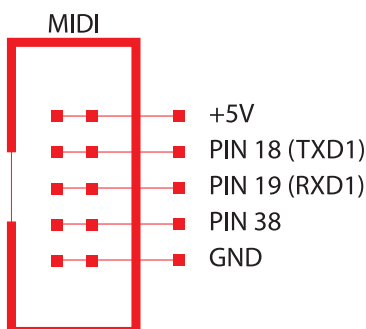
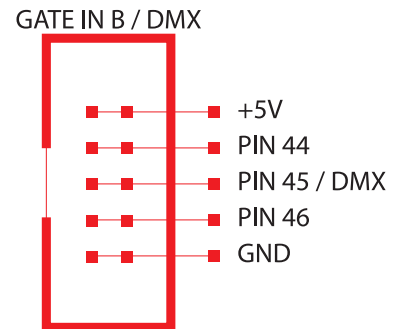
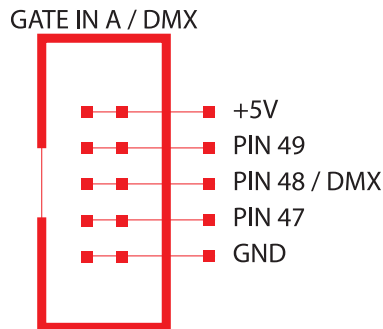
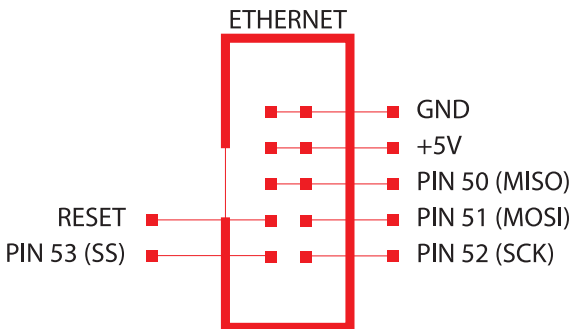
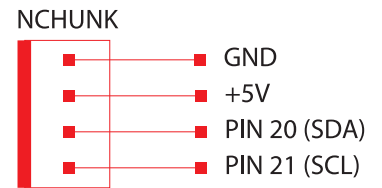
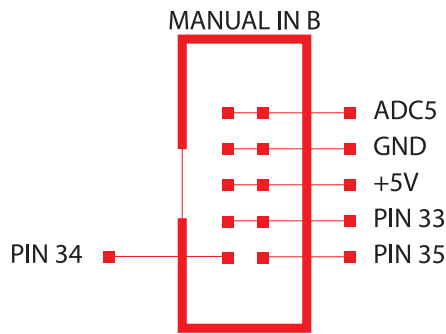
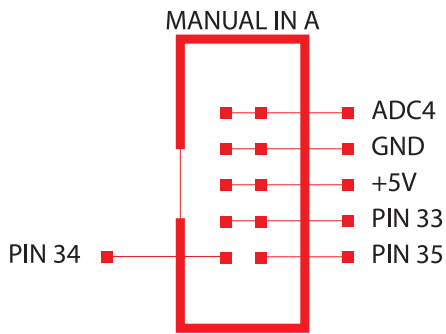
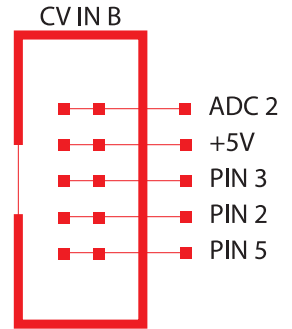
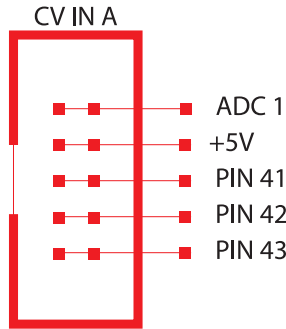
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## CONNECTIONS PINOOTS

### ARDUINO SOFTWARE PINOUT

Pin numbers refer to the Arduino Mega Pinout



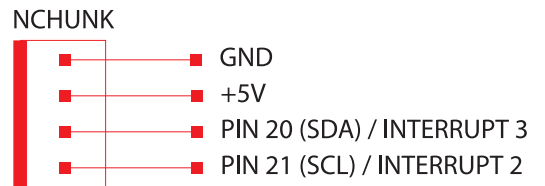
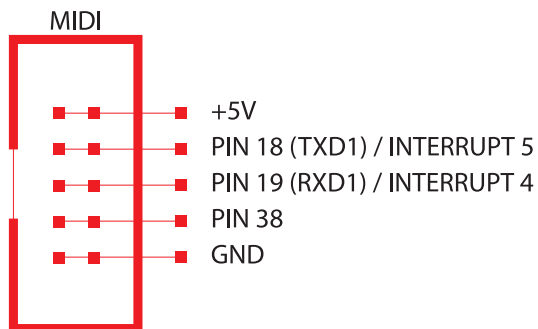
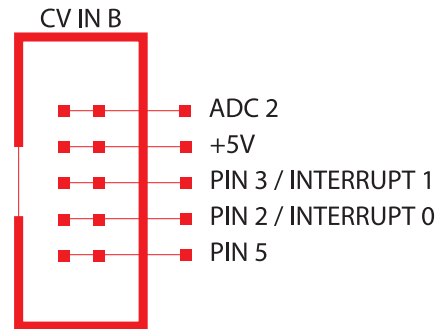
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## INTERRUPTS PINOUPS

### ARDUINO SOFTWARE PINOUT

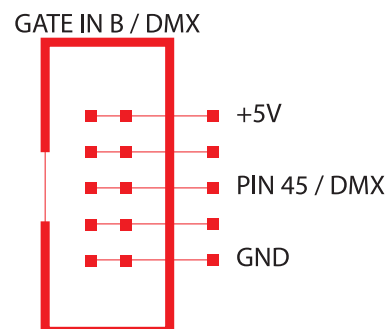
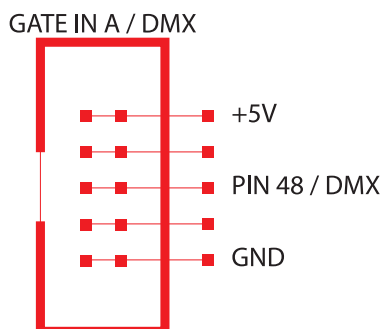
Pin numbers refer to the Arduino Mega Pinout



## DMX PINOUPS

### DMX OUTPUT CONNECT ONLY TO ONE OF THESE PORTS

Only Middle Pin of each port is the output pin, this is defined in the library, only choose if using Port A or B



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## OLDER ADDAC002 CV/MANUAL INPUTS VERSIONS

### 002 & 003 NAME CHANGES

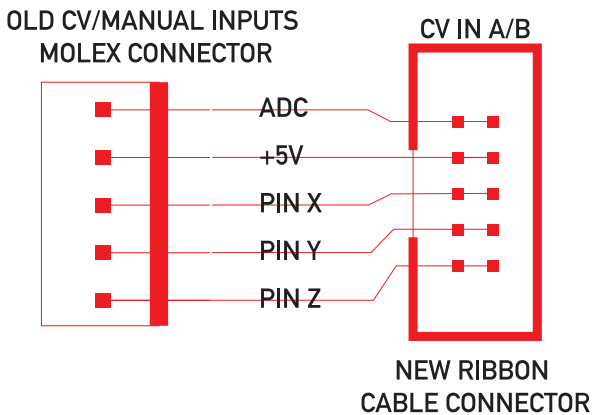
In earlier versions ADDC002 referred to the Manual Inputs Expansion

and ADDAC003 referred to the CV/Manual Inputs Expansion

Since VS3 the names changed so that old 002 should read 003

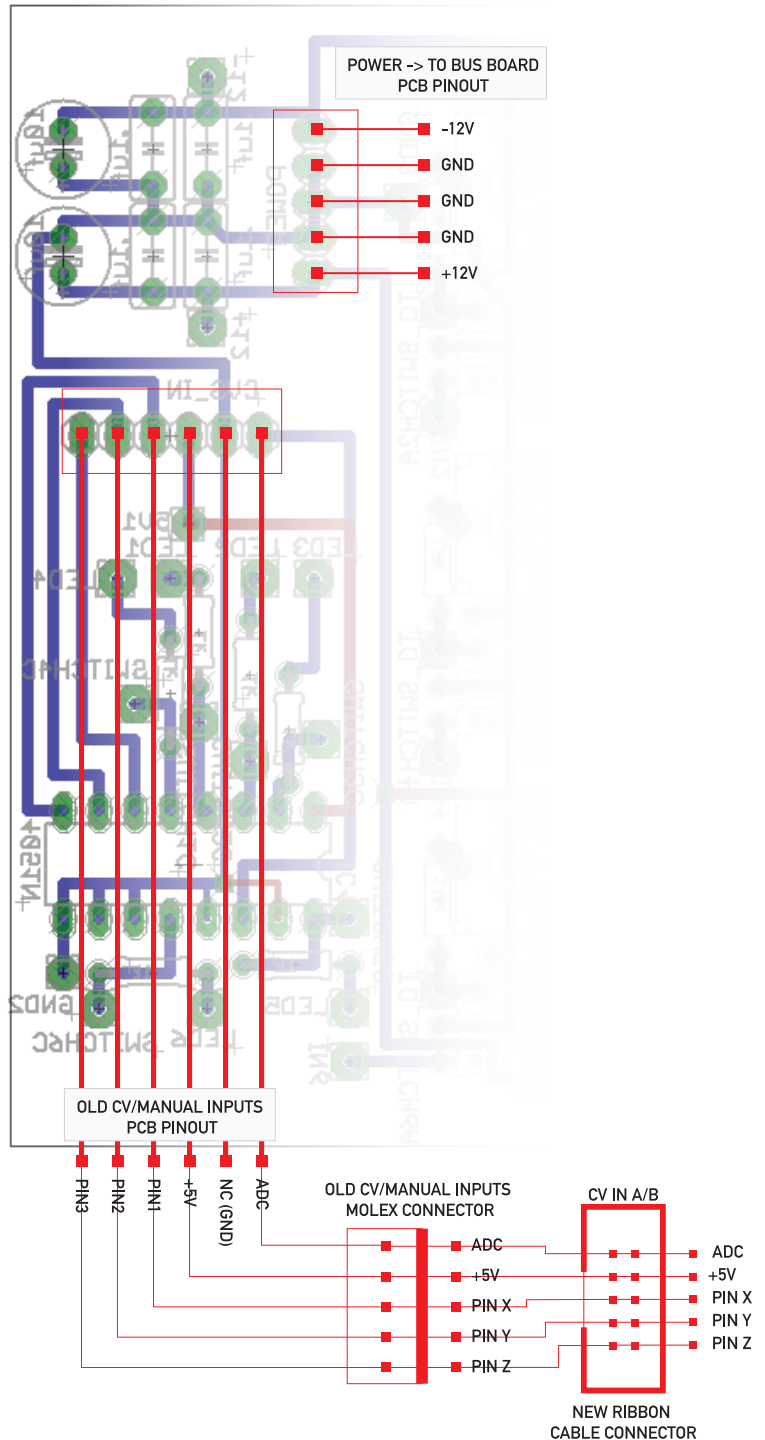
### CONNECTOR ADAPTERS

Ribbon cable expansions were adopted for V.3, previously Molex Connectors were used. Here you can find the cross-compatibility connections



FRONT PANEL

PCB BOTTOM VIEW



# ADDAC00X Voltage Controlled Computer

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## OLDER ADDAC003 MANUAL INPUTS

### 002 & 003 NAME CHANGES

In earlier versions ADDC002 referred to the Manual Inputs Expansion

and ADDAC003 referred to the CV/Manual Inputs Expansion

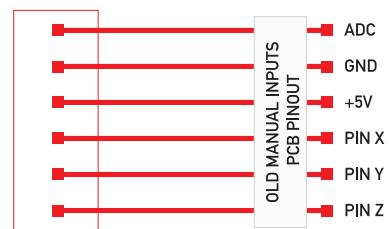
Since VS3 the names changed so that old 002 should read 003

### CONNECTOR ADAPTERS

Ribbon cable expansions were adopted for V.3, previously Molex Connectors were used. Here you can find the cross-compatibility connections

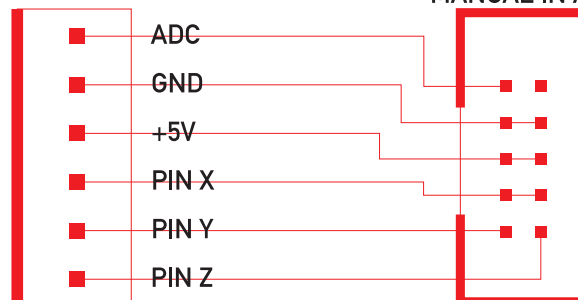
FRONT PANEL

PCB TOP VIEW



OLD MANUAL INPUTS  
MOLEX CONNECTOR

MANUAL IN A/B



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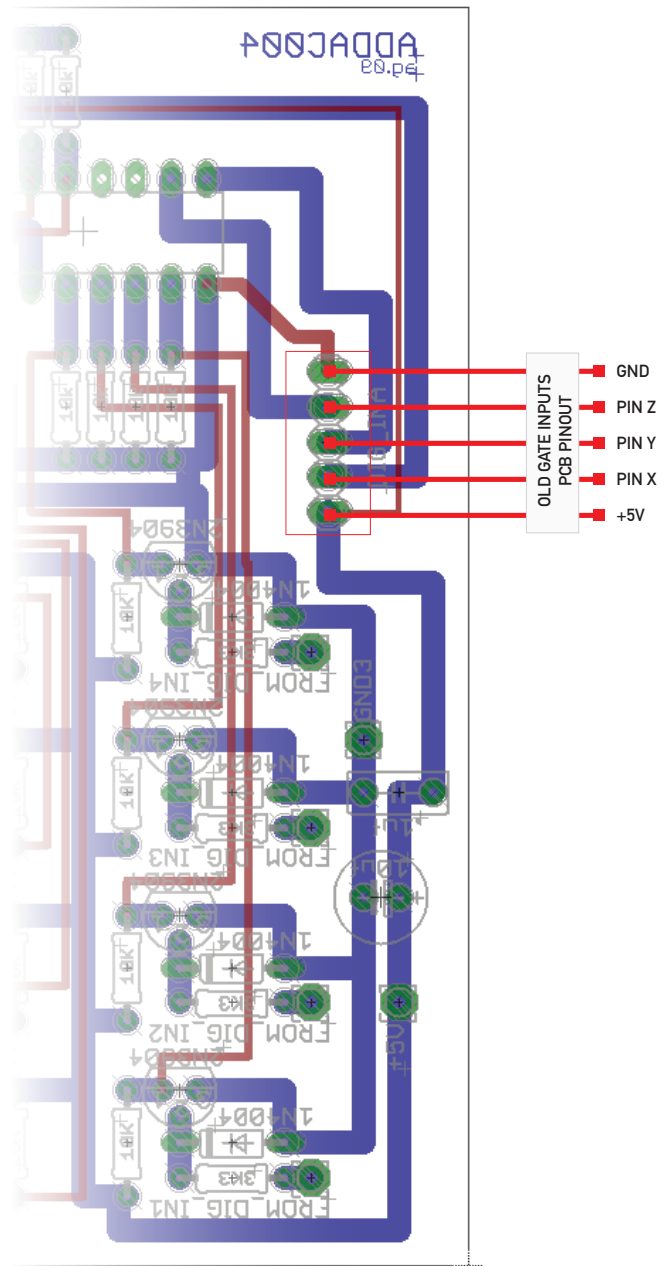
## OLDER ADDAC004 GATE INPUTS

### CONNECTOR ADAPTERS

Ribbon cable expansions were adopted for V.3, previously Molex Connectors were used. Here you can find the cross-compatibility connections

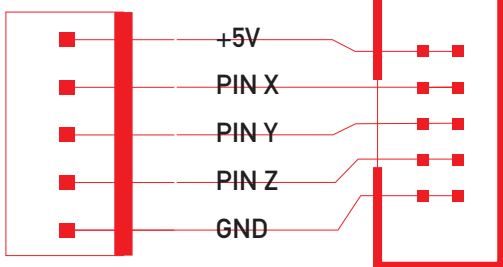
FRONT PANEL

PCB TOP VIEW



OLD GATE INPUTS  
MOLEX CONNECTOR

GATE INS A/B



NEW RIBBON  
CABLE CONNECTOR



# ADDAC00X Voltage Controlled Computer

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## OLDER ADDAC005 GATE OUTPUTS

### CONNECTOR ADAPTERS

Ribbon cable expansions were adopted for V.3, previously Molex Connectors were used. Here you can find the cross-compatibility connections

FRONT PANEL

PCB BOTTOM VIEW

