

# DAELECTRONICS

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## ICTRL-R-mini

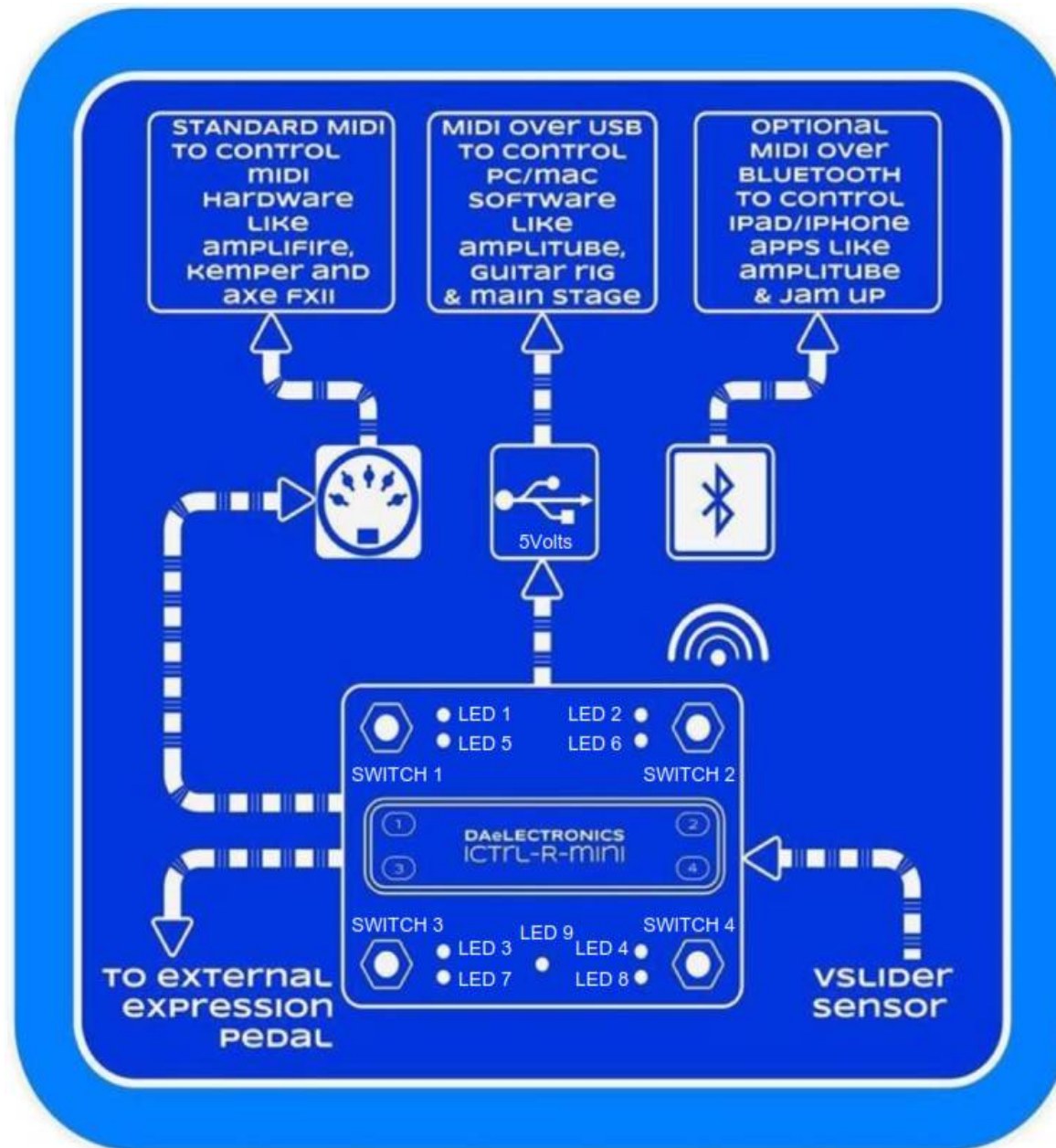
POCKET MIDI CONTROLLER

### MANUALE D'USO - OPERATIONAL MANUAL

Grazie per aver acquistato il **DAELECTRONICS ICTRL-R mini**. Per favore leggete questo manuale con cura per imparare tutte le funzioni dell'**ICTRL-R mini** ed usarlo al meglio per molto tempo. Conservate questo manuale per la consultazione quando sarà necessaria.

Thank you very much for purchasing the **DAELECTRONICS ICTRL-R mini**. Please read this manual carefully to learn about all the functions of the **ICTRL-R mini** so that you will be able to use it fully for a long time. Keep this manual in a convenient place for reference when necessary.

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## **Warning and Calibration**

*Warning: pay much attention when insert and remove your USB cable from the iCtrl-R Mini input. You could damage it irreparably!!!*

*Calibration: before you start using the Expression pedal (the pedal shall ALWAYS be disconnected/connected to the controller before energizing the controller itself) you need to activate the "Calibration" by pressing the switch 1 in mode 1 until the rapid flashing of the LED 5. Immediately after entering the calibration mode, depress the pedal backwards to the minimum heel setting then sweep to the maximum toe setting, this will ensure you calibrate your pedal with the **ICTRL-R mini**. Now pressing one of the switches of **ICTRL-R mini** LED 1 will blink, mode 1 will be activated and the pedal can begin to communicate properly with the iPad (tested with Amplitube and Jamup & Bias FX) or even a PC/MAC (tested with Guitar Rig and Amplitube & Bias FX) or other MIDI device. The default MIDI channel for **ICTRL-R mini** is the #1. The calibration values will be stored until the next calibration.*

### **MODE 1**

*At the start up the controller is set on mode 1 – now we can send program changes as follows:*

- *To send the program change 01> click Switch 1*
- *To send the program change 02> click Switch 2*
- *To send the program change 03> click Switch 3*
- *To send the program change 04> click the switch 4*
- *To send the program change 05> long click on the switch 1*
- *To send the program change 06> long click on the switch 2*
- *To send the program change 07> long click of the switch 3*
- *To send the program change 08> long click of the switch 4*

### **MODE 2**

*To switch from mode 1 to mode 2 please hold switch 2 for approx 1 second until led 2 blinking.*

*During mode 2 the controller can send MIDI control changes as follows:*

- *To send control change 01 (CC#1)> click and release of switch 1*
- *To send control change 02 (CC#2)> click and release of switch 2*
- *To send control change 03 (CC#3)> click and release of switch 3*
- *To send control change 04 (CC#4)> click and release of switch 4*
- *To send control change 05 (CC#5)> long click and release of switch 1*
- *To send control change 06 (CC#6)> long click and release of switch 2*
- *To send control change 07 (CC#7)> long click and release of switch 3*
- *To send control change 08 (CC#8)> long click and release of switch 4*

*During mode 2 you can switch to mode 1 holding for approx a second the switch 1 (exit from mode 2 without saving) or the switch 2 (exit from mode 2 saving modifications).*

*Led blinking will notify the switch from mode 2 to mode 1.*

### **Assign Control Changes to effects inside software**

*In Amplitube on iPad press with a finger on a virtual switch that you want to control with the switches on the controller until the appearance of the word "learn". In Jam up you should open the midi settings, select the parameter to be controlled and manually change the CC in CC 1,2,3,4,5,6,7 or 8 (check that no other parameter can be controlled with the same CC) or you can use the function "learn". When you activate the "learn" function please click or long click on the foot switches on the controller and the synchronization is automatic.*

### **See APPENDIX for MODE 3 and 4**

#### **Leds Synchronizing**

*Mode 2 - Led Memory Bank - Sync and Save **ICTRL-R MINI** to your patch FX. Each of the 8 switches in mode 1 has its own led light memory bank in mode 2.*

*This gives you 8 different led configurations which correspond to each of the 8 patches you select in mode 1.*

*These configurations are saved and linked to each mode 1 switch then recalled each time you enter mode 2.*

*Once set up and saved, the **ICTRL-R MINI**'s led lights will be in sync with all the effect on/off positions you have in each of the 8 patches assigned in mode 1.*

*To set up and save all 8 banks you must first be in mode 1:*

- 1. After selecting your effect patch by selecting switch , enter mode 2 by stepping on button 2 for 1 second;*
- 2. Let's make sure led on the **ICTRL-R MINI** are in sync with your effect on/off states in that patch on your software/daw/rack . Do this by turning all the **ICTRL-R MINI** led lights off, by stepping on the buttons. Now also off all your effects from within your software/daw/rack;*
- 3. Turn on the effects you want saved in your patch, do this with the buttons on the **ICTRL-R MINI**, so they light up, don't do it inside you software/daw/rack;*
- 4. Save the setting on the **ICTRL-R MINI** by holding down button 2 for 1 second or exit without saving by holding down button 1 for 1 second;*
- 5. After saving the setting on the **ICTRL-R MINI** save your patch in your software/daw/rack in the same state;*
- 6. After saving the **ICTRL-R MINI** will return to mode 1 on the previous selected patch. Led blinking will notify the switch from mode 2 to mode 1;*
- 7. Select switch 2 and repeat the process for all 8 switches and you **ICTRL-R MINI** will be totally in sync with your gear.*

### External Expression pedal

When an expression pedal is connected to an iCtrl-R mini, it will be always active and communicates via the control change #10 (values from 01 to 127). In addition when the pedal is set at minimum heel a CC #66 with value =0 will be sent after 400 millisecond, a CC #66 with value =127 will be sent when the pedal is at maximum toe setting after 50ms. You can then switch on off an effect to be controlled by the expression pedal assigning CC#66 to it.

### Vslider

It's a motion detection sensor located on the right side of the box that is always active and communicates via the control change # 127 (values from 01 to 127).

With this sensor you can send continuous MIDI CC by moving back and forth the foot or the hands from the sensor. Led #9 will be off (a CC #55 with value =0 will be sent) after 400ms when you move away the foot or the hand from the sensor. Led #9 will be on and a CC #55 with value =127 will be sent after holding the foot in front of the sensor for 50ms. You can then switch on off an effect to be controlled by the Vslider assigning CC#55 to it.

To pair Vslider with a modular pedal effect in your Bias software (iPhone/iPad) just add your preferred one, for example Cry Wah, to a preset of yours then click Options on top right, then MIDI Settings / MIDI Control Assignments and give to Toggle Cry Wah CC # 55 and to Cry Wah - Wah CC # 127. Press Done and save your preset. Doing so, you will be able to turn on / off the Cry Wah and to module it like you could do with a physical pedal expression!

Done	MIDI Assignments	Edit
Add New Control Assignment...		
ASSIGNED CONTROLS		
Toggle Cry Wah		CC 55
ESSENTIAL - 60'S PSYCH		
Cry Wah - Wah		CC 127
ESSENTIAL - HOWLING		
'63 Spring Reverb - Tone		CC 8

## APPENDIX

### Connecting via Bluetooth your **ICtrl-R-mini** (only BT version)

#### 1. iPad & iPhone

Download the app for iPad/iPhone <https://itunes.apple.com/it/app/bluetooth-midi-connect/id1108321791?mt=8>

Open the app and select iCtrl-R Mini Bluetooth > Connect. Go to the App to be controlled (JAM UP, AMPLITUDE and other).

#### 2. Mac

You need to launch the Audio MIDI Setup utility from within OS X's Utility folder (Finder>Applications>Utilities>Audio MIDI Setup). Then press CMD + 2 to open the MIDI studio (or navigate to Window>Show MIDI Studio). Double click the Bluetooth module and press the "connect" button next to your iCtrl-R mini that appears in the window.

### Using the **ICtrl-R-mini** with Bias FX /Jam Up and the dedicated firmware

MIDI ASSIGNMENT FOR iPad/Bias FX firmware

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MODE 1 (WHILE IN OTHER MODES HOLD SWITCH 1 FOR ONE SECOND TO ENTER THIS MODE)

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SWITCH 1 CLICK > PROGRAM CHANGE#0 > PATCH 0

SWITCH 2 CLICK > PC#1 > PATCH 1

SWITCH 3 CLICK > PC#2 > PATCH 2

SWITCH 4 CLICK > PC#3 > PATCH 3

SWITCH 1 HOLD AND RELEASE - PC#4 > PATCH 4

SWITCH 2 HOLD AND RELEASE - PC#5 > PATCH 5

SWITCH 3 HOLD AND RELEASE - PC#6 > PATCH 6

SWITCH 4 HOLD AND RELEASE - PC#7 > PATCH 7

EXTERNAL EXPRESSION PEDAL: CC#10 (VOLUME)

Vslider: CC#127 (WHA OR WHAMMY OR...)

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MODE 2 (WHILE IN MODE 1 HOLD SWITCH 2 FOR ONE SECOND TO ENTER THIS MODE)

=====

SWITCH 1 CLICK AND RELEASE - CONTROL CHANGE#1 > EFFECT 1 ON/OFF

SWITCH 2 CLICK AND RELEASE - CC#2 > EFFECT 2 ON/OFF

SWITCH 3 CLICK AND RELEASE - CC#3 > EFFECT 3 ON/OFF

SWITCH 4 CLICK AND RELEASE - CC#4 > EFFECT 4 ON/OFF

SWITCH 1 HOLD AND RELEASE - CC#5 > EFFECT 5 ON/OFF  
SWITCH 2 HOLD AND RELEASE - CC#6 > EFFECT 6 ON/OFF  
SWITCH 3 HOLD AND RELEASE - CC#7 > EFFECT 7 ON/OFF  
SWITCH 4 HOLD AND RELEASE - CC#8 > EFFECT 8 ON/OFF  
EXTERNAL EXPRESSION PEDAL: CC#10  
Vslider: CC#127

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MODE 3 (PAGE/BANK UP AND DOWN + PRESET A-B-C-D) (WHILE IN OTHER MODES HOLD SWITCH 3 FOR ONE SECOND TO ENTER THIS MODE)

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SWITCH 1 CLICK > CC#11 > PRESET A (TO BE ASSIGNED IN BIAS FX OR JAM UP)  
SWITCH 2 CLICK > CC#12 > PRESET B (TO BE ASSIGNED IN BIAS FX OR JAM UP)  
SWITCH 3 CLICK > CC#13 > PRESET C (TO BE ASSIGNED IN BIAS FX OR JAM UP)  
SWITCH 4 CLICK > CC#14 > PRESET D (TO BE ASSIGNED IN BIAS FX OR JAM UP)

SWITCH 1 HOLD AND RELEASE - CC#15 > PAGE UP (TO BE ASSIGNED IN BIAS FX OR JAM UP)  
SWITCH 2 HOLD AND RELEASE - CC#16 > BANK UP (TO BE ASSIGNED IN BIAS FX OR JAM UP)  
SWITCH 3 HOLD AND RELEASE - CC#17 > PAGE DOWN (TO BE ASSIGNED IN BIAS FX OR JAM UP)  
SWITCH 4 HOLD AND RELEASE - CC#18 > BANK DOWN (TO BE ASSIGNED IN BIAS FX OR JAM UP)

EXP INPUT: CC#10  
Vslider: CC#127

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MODE 4 (WHILE IN OTHER MODES HOLD SWITCH 4 FOR ONE SECOND TO ENTER THIS MODE)

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SWITCH 1 CLICK > PROGRAM CHANGE#8 > PATCH 8  
SWITCH 2 CLICK > PC#9 > PATCH 9  
SWITCH 3 CLICK > PC#10 > PATCH 10  
SWITCH 4 CLICK > PC#11 > PATCH 11  
  
SWITCH 1 HOLD AND RELEASE - PC#12 > PATCH 12  
SWITCH 2 HOLD AND RELEASE - PC#13 > PATCH 13  
SWITCH 3 HOLD AND RELEASE - PC#14 > PATCH 14  
SWITCH 4 HOLD AND RELEASE - PC#15 > PATCH 15

EXP INPUT: CC#10  
Vslider: CC#127

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