

limex

Controller C1



User manual

SAFETY PRECAUTIONS

SAFETY INSTRUCTIONS

- Read the user manual before using the device
- Do not allow any liquid to come in contact with the device
- Do not place anything on top of the device
- Do not handle the power supply with wet hands
- Turn off all connected devices before you connect any new devices



Do not use or store the device where it is exposed to

- dampness or wetness
- extreme temperature changes (i.e. do not store in a vehicle in winter)
- strong vibrations or jolts

HANDLING

- Use only the original cables and power supply
- Remove the cable only by pulling on the plug, not on the cable
- Do not expose the power adapter to any mechanical stress

CUSTOMER SERVICE — TROUBLESHOOTING

Do not carry out any repairs at home, as this may result in permanent damage to the electronics. Any guarantee claims are no longer valid in this case.

TROUBLESHOOTING

NO SOUND

Check the master volume control on the unit
Check the master volume control on Controller C1
Check the audio connection to the amplifier

GLOBAL FUNCTION 4 – REVERB

Digital reverb is integrated in the system. Use this setting to adjust the amount of reverb desired. MIDI controller 91 will output a value.

REVERB

Press MUTE + A + B + 4 to call up the reverb setting.	<i>The left GLOBAL LED lights up to signal that you are in the GLOBAL menu.</i>
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The amount of reverb is selected as follows:

Button A = minus Button B = plus	<i>The middle LED remains green, signaling the factory setting (CC91 value 40). When you change the setting, the LEDs to the left and right light up to display an increase or decrease of reverb.</i>
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The setting is saved by:

Button 1+2 = EXIT Button 3+4 = SAVE	<i>The GLOBAL LED is off.</i>
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The setting is saved in C1 Flash memory.

FACTORY SETTING – RESET

Press MUTE + 1 + 4 and hold them down for 2 seconds to call up the factory setting.	<i>When you let go of the 3 buttons after 2 seconds, all 5 LEDs briefly light up red, signaling that you have reset to the default (factory) settings.</i>
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The CE certification is available at www.limexmusic.com under Support.

GLOBAL FUNCTION 2 – MIDI FILTER

To utilize a MIDI set in conjunction with other sound expanders or arranger keyboards, some information must be filtered out of the MIDI commands so that the sound or volume is not distorted through MIDI.

MIDI-Filter

Press **MUTE + A + B + 2** nktion to call up the MIDI filter setting. *The left GLOBAL LED lights up to signal that you are in the GLOBAL menu.*

The MIDI filter is selected as follows:

Button A = minus
Button B = plus
The middle LED remains green. This signals that no filter is active (factory setting).

MIDI-Filter
Nr. 1 = all program changes are filtered
After a moment, the middle LED begins to blink in intervals of one, signaling that MIDI filter 1 is selected.

Nr. 2 = With the exception of the MIDI controller, 64, 66 and 67 are filtered.

Nr. 3 = With the exception of all program changes and all controllers, 64, 66 and 67 are filtered.

The setting is saved by:

Button 1+2 = EXIT
Button 3+4 = SAVE
The GLOBAL LED is off.

The setting is saved in C1 Flash memory.

GLOBAL FUNCTION 3 – TUNING

The factory or default setting for tuning is 440 Hz.

TUNING

Press **MUTE + A + B + 3** to call up the tuning setting. *The left GLOBAL LED lights up to signal that you are in the GLOBAL menu.*

The tuning is changed as follows:

Button A = minus
Button B = plus
The middle LED remains green. This signals 440 Hz (factory setting). When you change the setting, the LEDs to the left and right light up to display tuning visually, just like a tuning device.

The setting is saved by:

Button 1+2 = EXIT
Button 3+4 = SAVE
The GLOBAL LED is off.

The setting is saved in C1 Flash memory.

OVERVIEW AND LED FUNCTIONS

midi LED = MIDI signal of the MIDI-in port on the back of the unit



remote LED = MIDI-in from an optional remote C1

C1 port = Transmission of MIDI signal and power supply



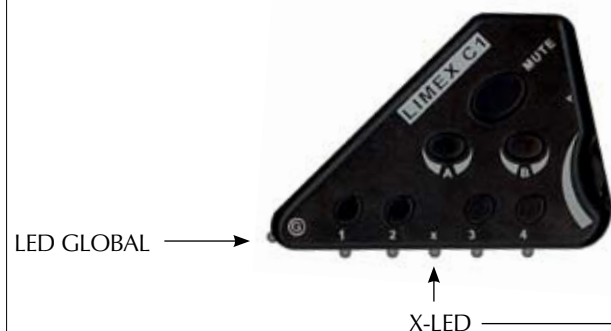
MIDI-ROUTING

The MIDI-in signal is transmitted unchanged to MIDI-thru on the back of the LIMEX sound board or Vienna Grand Piano rack unit (both share same build).

If the Controller C1 is plugged into the front, the MIDI signal is transmitted through MIDI-in and sent to the C1, where it is filtered and passed on to MIDI-thru.

Any program change (1-20) called up with the C1 is also sent out on MIDI-thru.

SELECTING PROGRAMS WHEN USING VIENNA GRAND PIANO UNIT



N0.	PROGRAMS	BUTTONS	PRG.CH	LED
	Sound liste Vienna Grand Piano			
1	Grand Piano	1	1	1 green
2	Grand Piano	2	2	2 green
3	Grand Piano	3	3	3 green
4	Grand Piano	4	4	4 green
5	G. Piano & Pad	A + 1	5	1 red
6	G. Piano & Strings	A + 2	6	2 red
7	G. Piano & E-Bass	A + 3	7	3 red
8	Honky Tonk	A + 4	8	4 red
9	Latin Octave	A + 1 and double click	9	1 yellow
10	Organ 888	A + 2 and double click	10	2 yellow
11	Strings	A + 3 and double click	11	3 yellow
12	Pad	A + 4 and double click	12	4 yellow
13	E-Piano	B + 1	13	1 red and X red
14	E-Piano	B + 2	14	2 red and X red
15	E-Piano FM	B + 3	15	3 red and X red
16	Grand Stack 1	B + 4	16	4 red and X red
17	E-Piano & Pad	B + 1 and double click	17	1 yellow and X red
18	E-Piano FM & Bells	B + 2 and double click	18	1 yellow and X red
19	Vibraphon	B + 3 and double click	19	1 yellow and X red
20	Bells	B + 4 and double click	20	1 yellow and X red
21	E-Bass	-	-	-
	no sound	MUTE	-	no LED

GLOBAL FUNCTION 1 – MIDI CHANNEL

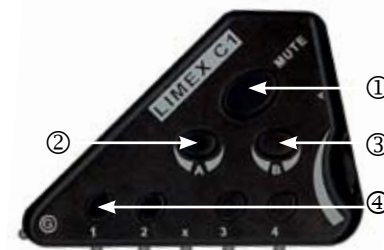
All LIMEX sound boards are fully multitimbral. MIDI information is received through all 16 MIDI channels. The GLOBAL function allows you to specify which MIDI channel will be used when playing. All other channels will be filtered. The default factory setting is for all MIDI channels.

MIDI CHANNEL

If you want to play more on one MIDI channel, press:

MUTE + A + B + 1 in order to call up

The left GLOBAL LED lights up to signal that you are in the GLOBAL menu the MIDI channel setting.



The MIDI channel is selected as follows:

Button A = minus Button B = plus	<i>The middle LED remains green. This signals that you are playing on all MIDI channels, i.e. multitimbral (factory setting).</i>
Now when you press Button B (plus), you select MIDI channel 1. Press B again to select channel 2. (Press A to go back)	<i>After a moment, the middle LED begins to blink in intervals of one to signal that MIDI channel 1 is selected. Press Button B for "plus" again and the LED will blink two times, etc.</i>

The setting is saved by:

Buttons 1+2 = EXIT Buttons 3+4 = SAVE	<i>The GLOBAL LED is off.</i>
The setting is saved in C1 Flash memory.	

LED OVERVIEW

Middle LED is lighted (not blinking) = all MIDI channels can be played
 Blinks 1 x = MIDI channel 1
 Blinks 2 x = MIDI channel 2
 and so on.