

Steckverbinder-Belegung HOAX 3.2

Tab = Schalter nach Masse (GND) / switch to ground (GND)

Firmware #3.0x

Taster = Button momentary switch to GND
DrehSchalter = rotary switch 6 pos.

unbedingt notwendige Bedienelemente
optionale Bedienelemente
für Erweiterungen / Leslie Lizenz

Analog A (Upper)		Remarks		Analog B (Lower)		Remarks	
1	DB 16	Zugriegel	<i>drawbar pot, all DC controlled</i>	1	DB 16	Zugriegel	<i>drawbar pot, all DC controlled</i>
2	DB 5 1/3	Zugriegel	<i>drawbar pot</i>	2	DB 5 1/3	Zugriegel	<i>drawbar pot</i>
3	DB 8	Zugriegel	<i>drawbar pot</i>	3	DB 8	Zugriegel	<i>drawbar pot</i>
4	DB 4	Zugriegel	<i>drawbar pot</i>	4	DB 4	Zugriegel	<i>drawbar pot</i>
5	DB 2 2/3	Zugriegel	<i>drawbar pot</i>	5	DB 2 2/3	Zugriegel	<i>drawbar pot</i>
6	DB 2	Zugriegel	<i>drawbar pot</i>	6	DB 2	Zugriegel	<i>drawbar pot</i>
7	DB 1 3/5	Zugriegel	<i>drawbar pot</i>	7	DB 1 3/5	Zugriegel	<i>drawbar pot</i>
8	DB 1 1/3	Zugriegel	<i>drawbar pot</i>	8	DB 1 1/3	Zugriegel	<i>drawbar pot</i>
9	DB 1	Zugriegel	<i>drawbar pot</i>	9	DB 1	Zugriegel	<i>drawbar pot</i>
10	TONE	Klangblende, Poti	<i>"Tone" pot special order</i>	10	DB Bass 16	Zugriegel	<i>drawbar pot</i>
11	AMP122	Leslie Volume, Poti	<i>Leslie vol pot</i>	11	DB Bass 8	Zugriegel	<i>drawbar pot</i>
12	SWELL	Fußschweller DC, Pot.	<i>Swell pedal (same as rear jack)</i>	12	DB Bass Sustain	Poti	<i>pot</i>
13	GND	Potis Anfang	<i>pots start</i>	13	GND	Potis Anfang	<i>pots start</i>
14	GND	Potis Anfang	<i>pots start</i>	14	GND	Potis Anfang	<i>pots start</i>
15	DB Ref 3.3+	Potis Ende	<i>pots end</i>	15	DB Ref 3.3+	Potis Ende	<i>pots end</i>
16	DB Ref 3.3+	Potis Ende	<i>pots end</i>	16	DB Ref 3.3+	Potis Ende	<i>pots end</i>

Für jede folgende Funktion kann entweder ein LED-Taster an PL7/PL11 oder ein Schalter an PL8/PL12 angeschlossen werden!

Functions controlled either by LED button connected to PL7/PL11 or by switch connected to PL8/PL12!

PL7LED buttons A			Remarks	PL11/LED buttons B			Remarks
1	Perc On/2nd		Button or LED button	1	Common Preset 1	Kombinationen	Preset combinations valid
2	Perc Soft		Button or LED button	2	Common Preset 2	zulässig,	
3	Perc Fast		Button or LED button	3	Common Preset 3	2 Sekunden zum	Press 2 sec to
4	Perc 3rd		Button or LED button	4	Common Preset 4	Speichern drücken	memorize
5	Vib On Upper		Button or LED button	5	EFX 1	Reverb 1	
6	Vib On Lower		Button or LED button	6	EFX 2	Reverb 2	
7	Leslie On/Run		Button or LED button	7	Bass On Leslie	Pedal auf Leslie ON	
8	Leslie Fast/Slow		Button or LED button	8	Split 2	Bass to Lower Split	
9	Vcc 5+		LED Anode	9	Vcc 5+	LED Anode	use 270R resistor
10	GND		Tasten gemeins.	10	GND	Tasten gemeins.	Tab common

PL8 Switch inputs A			Remarks	PL12 Switch inputs B			Remarks
1	PercOn/2nd		Tab	1	Leslie Relais	Ausgang!	output for relais driver
2	PercSoft		Tab	2	Leslie Relais	Ausgang!	output for relais driver
3	PercFast		Tab	3	Leslie Relais	Ausgang!	output for relais driver
4	PercOn/3rd		Tab	4	Leslie Relais	Ausgang!	output for relais driver
5	Vib On Upper		Tab	5	EFX 1	Reverb 1	
6	Vib On Lower		Tab	6	EFX 2	Reverb 2	
7	Leslie On/Run		Tab	7	Bass On Leslie	Pedal auf Leslie ON	
8	Leslie Fast/Slow		Tab	8	Split 2	Bass to Lower Split	
9	Vcc 5+			9	Vcc 5+		
10	GND			10	GND		

PL5/Switch 2 Vibrato			Remarks
(1..5 off)	Vibrato 1		DrehSchalter Pos. 1 nicht verbunden
1	Chorus 1		Pos. 2 rotary switch
2	Vibrato 2		Pos. 3 rotary switch
3	Chorus 2		Pos. 4 rotary switch
4	Vibrato 3		Pos. 5 rotary switch
5	Chorus 3		Pos. 6 rotary switch
6	not used yet		Taster!
7	not used yet		Taster!
8	not used yet		LED Kathode
9	Vcc 5+		LED Anode über 270R LED plus via 270R
10	GND		DrehSchalter gemeins. rot.sw. Common

rotary switch pin 1 (V1) not connected!

Vibrato rotary switch connects to PL5

PL4 optional Display Panel, Preset Panels		
1	Encoder Phase 1	
2	Encoder Phase 2	
3	PD2/ActivityLED	
4	PD3	
5	I2C SDA	
6	I2C SCL	
7	GND	
8	Vcc 5+	
9	GND	
10	Vcc 5+	

Alle Schalter/DrehSchalter/Taster schalten nach Masse, Pullup-R auf HOAX-Platine vorhanden

Memory-LED benötigt bei alter Platine HOAX 2 und 2.1 Vorwiderstand 270R nach Vcc 5+ !!

All Switches/Buttons/rotary switches with GND common (switch to GND)

Memory-LED needs current limiting resistor 270R inserted to Vcc 5+ on old HOAX2 and HOAX 2.1 boards!!

