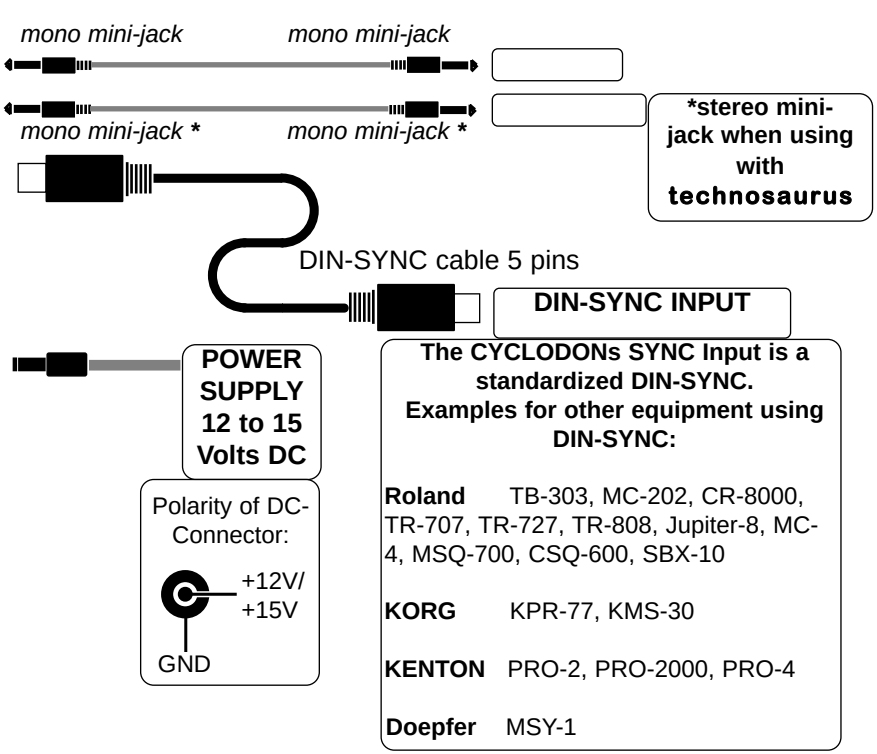
CYCLODON by technosaurus

CONNECTIONS





The CYCLODONs SYNC Input is a standardized DIN-SYNC.
Examples for other equipment using DIN-SYNC:

Roland TB-303, MC-202, CR-8000, TR-707, TR-727, TR-808, Jupiter-8, MC-4, MSQ-700, CSQ-600, SBX-10

KORG KPR-77, KMS-30

KENTON PRO-2, PRO-2000, PRO-4

Doepfer MSY-1

SPECIFICATIONS

CV OUTPUT Voltage	0 ...+5V
GATE OUTPUT Voltage	0 / +5V
CLOCK INT (TEMPO)	25...250 bpm (Quarter notes)
CLOCK EXT (SYNC IN)	until 250 bpm (CLOCK Divider = 4)
POWER SUPPLY	12 or 15 Volts DC / 45mA (±5mA)
Dimensions	206 x 103 x 53mm
Weight	550g

All descriptions of the product may be subject to change without notice

© 1998 by **technosaurus** · Switzerland

CYCLODON
by technosaurus

16 - step analog sequencer



swiss premium quality

OWNERS MANUAL

Produced and developed by technosaurus • Switzerland
CH-3400 Burgdorf • Phone +41(0)34 422 9555 • Fax +41(0)34 424 0111
info@technosaurus.ch • www.technosaurus.ch

CYCLODON by technosaurus

INTRO

We congratulate you for purchasing this **real analog sequencer**. The **CYCLODON** is handmade in Switzerland. It allows you to generate patterns of sequential control voltages (CV and GATE). When connected to a voltage controlled synthesizer, the **CYCLODON** can produce a pattern consisting of 1 to 16 steps to play a repetitive melody called a sequence.

CLOCK DIVIDER SETTING

Programming the CLOCK-Divider:

1. The **CYCLODON** must be in a rest position **with no SYNC signal connected**.
2. Set the **CLK**-switch to the position **EXT**.
3. Select the desired divider ratio with the 4 **STEP NUMBER** switches as follows:
   16 = Sixteenth notes 4 = Quarter notes 1 = Whole notes
   8 = Eighth notes 2 = Half notes
4. To store the adjusted setting, press the **RUN/STOP** button until the lower red LED of the second row lights up. The setting is now stored. It remains stored even when turning off the power supply.

RUN/STOP

This button starts and stops the pattern in **AUTO** mode.
This function is not active if the **CYCLODON** is controlled by an external unit and the **CLK**-switch is in position **EXT**.

STEP TAB

In **MANUAL** mode the button allows you to advance step by step.
This function is not active if the **CYCLODON** is controlled by an external unit and the **CLK**-switch is in position **EXT**.

CLOCK DIVIDER SETTING

The **CYCLODON** has a programmable Clock-Devider which allows you to syncronize to other units with a selectable dividing ratio.
Please refer to the text above for programming.



STEP / ROW Indicators

The green LEDs indicate the current played step.
The red LEDs indicate the current row (steps 1-8 or steps 9-16).

STEP 1-16

These 16 pots set the pitch (CV) of each individual step. The voltage between 0 and +5Volts is available on the CV output.

TEMPO

This pot sets the **TEMPO** if CLK is in the **INT** position.

AUTO/MANUAL

This switch allows you to choose between **AUTO** and **MANUAL** mode.
The **MANUAL** mode is recommended for fine tuning each step.

STEP NUMBER

These 4 switches allow you to choose the number of steps from 1 to 16 within a pattern.All the numbers of the switches in the up-position will be added to get the desired pattern length.
When all switches are in down-position, 16 steps will be generated.

CLOCK DIVIDER SETTING

Please refer to text above for programming.

CLK

In position **INT** the **CYCLODON** runs according to the **TEMPO** set.
To syncronize it from another unit, set it to the position **EXT**.