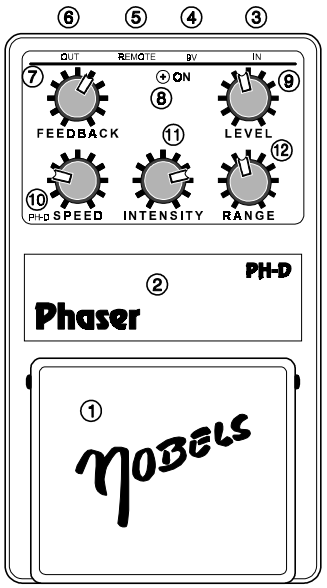
NOBELS™
A N°1 -OF- HAMBURG CONCEPT™

# Owners-Manual

# PH-D




## Specifications

| | |
|---|---|
| **Power** | 9V dry battery / AC adaptor |
| **Consumption** | max. 15mA |
| **Input impedance** | 1Mohm |
| **Output impedance** | 2Kohm |
| **Max. input** | -6dBm |
| **Controls** | Feedback, Level, Speed, Intensity, Range |
| **Jacks** | Input, DC, Remote, Output |
| **Remote** | momentary switch |
| **Display** | green LED indicator |
| **Dimensions** | 74mmx126mmx58mm |
| **Weight** | 450g (without Battery) |

*Specifications are subject to change without notice!*

CE

KTA 980410-0507

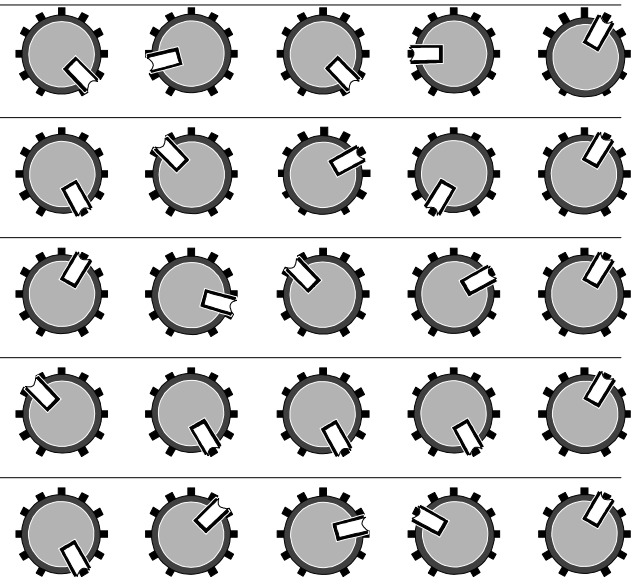
## Operation:

- Insert a 9V battery (2) or connect a regulated 9V power supply adaptor to the DC jack (4).
- Connecting an instrument to the input jack (3) will automatically switch the unit on.
- Connect your amplifier to the output jack (6). Select your desired sound with the 3 control knobs (7, 9, 10, 11, 12). *(see Sound examples)*
- Pressing the pedal (1) switches the unit on or off.
- Instead using this unit on the frontstage, you can place it with your equipment and control it with a standard momentary footswitch connected to the remote jack (5).
- Before changing the battery (2) always unplug the input jack (3) to switch the unit off.
- We suggest to use a regulated 9V power supply adaptor to keep our environment clean.
- Power supply specifications: see imprint on bottom of unit. - *Thank you.*

## Important notes:

- Avoid using this unit in extreme humidity, heat or dust environment.
- When the unit is not in use for longer periods, remove the battery (2) to prevent damages by battery leakage.
- Also unplug the input (3) to prevent wasting battery life when the unit is not in use.

## Sound Examples:




## Function:

**(3) IN jack:** Inserting a plug switches the unit on.

**(4) 9V DC jack:** Connect a regulated 9V power supply unit.

**(5) REMOTE jack:** The ON / OFF-function can be remote controlled by a momentary switch, connected to the REMOTE jack (5). Intelligent switching devices *(like the Nobels MF-2 or MS-4)* also can remote control the unit.

**(6) OUT jack:** This output delivers a low impedance signal best for the input of your amplifier.

**(7) FEEDBACK Control:** This feeds the phaseshifted signal back into the input and there with fattens the effect.

**(8) LED:** This Led shows the state of the effect. LED on = Effect on. The LED shows the actual speed of the low frequency oscillator *(=LFO)*

**(9) LEVEL control:** Adjusts the master volume of the effect.

**(10) SPEED control:** controls the speed of the LFO.

**(11) INTENSITY control:** controls the intensity of the LFO.

**(12) RANGE control:** Expands the frequency range of the phaseshifting.