

FEATURES

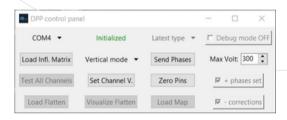
- Intuitive User Interface and available API with scripting controlling handles
- Direct (manual) device control through specifying phase profile
- Easy-to-integrate in an own controlling software
- Reference implementation of the serial communication protocol

DELTA CONTROL

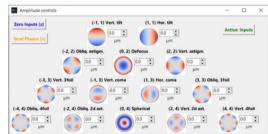
PHASEFORM CONTROL SOFTWARF FOR REFRACTIVE WAVEFRONT MODULATORS

APPLICATION

Allowing direct applying phase profiles described in terms of Zernike polynomials on Delta 7 devices. It is developed in Python and uses serial communication protocol for sending commands to a device. This serial protocol can be reused in any other preferred environment (other than Python).







API & SCRIPTING -

API Documentation initialize() class PvCtrIDPP PvCtrlDPP() get serial ports() connect_device() load infl matrix() load_flat_field() load map file()



SYSTEM REQUIREMENTS

- Python: Minimum version 3.8, recommended - 3.11
- MATLAB: Minimum version R2020b (Wrapper)
- Windows, Linux, macOS.

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