

Dominik Steklasa: 576 MP (thy)



members of Ensemble Microsonus
members of the RTV Slovenia Symphony Orchestra
students of the Academy of Music Ljubljana
Dominik Steklasa, conductor

duration | 8.52
rec | Studio 26, Radio Slovenia, May 2016
music producer | Žiga Stanič
sound engineers | Mitja Krže, Klemen Veber

The basic idea of the composition **576 MP (thy)** is the human eye. If we were to imagine the human eye as a camera it would apparently have 576 megapixels.

The calculation is as follows:

“...So the megapixel equivalent numbers below refer to the spatial detail in an image that would be required to show what the human eye could see when you view a scene. $90 \text{ degrees} * 60 \text{ arc-minutes/degree} * 1/0.3 * 90 * 60 * 1/0.3 = 324,000,000 \text{ pixels}$ (324 megapixels). $120 * 120 * 60 * 60 / (0.3 * 0.3) = 576 \text{ megapixels}$” (Source: www.clarkvision.com/articles/eye-resolution.html)

The subtitle of the composition is *Introduction and Sequence*, which labels the two parts. In the first part (*Introduction*), I subjectively show an objective fact: the first light stimuli perceived by the newborn being; the sensations that this tiny being is supposed to experience when it first gains an awareness of its ability to see, when it first constructs light, pixel by pixel, into a crystal clear image. The second part (*Sequence*) has a more romantic character. The eye as the mirror of the soul. In our eyes we can see our fellow being, whether s/he is happy or sad, joyous or melancholy, tranquil or worried, loved or abandoned...

Both parts of the composition are linked with the following text, spoken by a speaker who sits in the audience and is not in the ensemble:

Besides the heart – those eyes are the most complex and sincere

The image shows a musical score for the piece '576 MP (thy)'. It consists of three staves of music. The top staff begins with the instruction 'poco a poco cresc.' and features notes with dynamic markings 'p' and 'f'. The middle staff includes the instruction 'ped. al fine' and 'accel.'. The bottom staff also includes 'poco a poco cresc.'. The score is annotated with various performance directions and dynamic markings.

Dominik Steklasa (b. 1989) is a student at the Ljubljana Academy of Music, where he studies composition and music theory with Prof. Pavel Mihelčič and orchestral conducting with Prof. Marko Letonja. In his second year of study, he wrote the music for a graduation presentation by students of the Ljubljana Academy of Theatre,

Radio, Film and Television (director: Milan Golob). In the 2013/14 academic year, he received the student Prešeren Prize of the Ljubljana Academy of Music for the composition *Searching for...?* for accordion duo, which was first performed by the duo Furioso (Nikolina Furić and Mirko Jevtović). He participated in the festival aXes '14 (Krakow, Poland) with the composition *Beyond the Unseen*, and at the 2015 World Music Days he conducted the ensemble Microsonus in a programme that included his own composition *576 MP (thy)*. In January 2016, while still a student, he had a double debut at the Slovene National Theatre Opera and Ballet Ljubljana as the conductor and composer of the chamber opera *Padli* (libretto: Sandi Jesenik).



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