

# *Tox Maris*

INNOVATION AND TRADITION EMBRACE





## ORGAN BUILDING – AN ORCHESTRATION OF INDIVIDUAL ABILITIES

***At Hey, every employee** is an expert not only on individual aspects of the organ, but rather on the entire instrument. Successful organ building requires a thorough knowledge of how all the parts interact.*

***The process of constructing** an organ is a simile for the instrument itself. The organ building team represents an orchestration of abilities that meld in harmonious interplay.*

***The people who work at Hey** are specialists, whether in the area of pipe construction, wind chest construction, case construction, console and action building, design or voicing. It takes the experienced interplay of individual abilities, rising to meet a big task, to guarantee perfect craftsmanship.*

***Painstaking diligence** in manufacturing all parts and ultimate precision in construction have always characterized the Hey company's special reputation:*

***We demand the utmost** of ourselves – what counts, of course, is the satisfaction of all the people who care about the instrument in their church. We take the time and effort to discuss all requests with the church council and the organist in detail. The only way to achieve big things is through close, respectful cooperation.*



*console-house*

**VOX MARIS BY HEY ORGELBAU**

**250** | Years

**Due to his wealth of experience** and competence in organ building, Hey was able to make a name for himself as a builder of exceptional and inspired pipe organs.

**It is a great honour** and no small challenge to be allowed to create a magnificent and unique pipe organ for the Expo 2012 in Yeosu, Korea. It is an instrument that seeks to capture the spirit of the world exposition using innovative techniques and fresh, new designs combined with well proven and time tested traditional organ construction.

**The eloquence of Musica** knows no borders, and so we are always thrilled to walk new paths in organ construction while carrying Wilhelm Hey's heritage into the 21st century. The Expo Organ "pushes the envelope" of physically possible techniques of organ building and is probably the world's largest musical sculpture.

**Hey aims to craft pipe organs** with an attitude, to set the organist free and inspire the creative process: reaching out and touching people's hearts is the challenge we face, and we strive and are determined to do no less.

**CARPE DIEM**

### **Basic specifications of the Vox Maris**

<b>range:</b>	32', A – e <sup>""</sup>
<b>manual:</b>	80 keys
<b>pedal:</b>	30 keys
<b>frequencies:</b>	28 – 2640 Hz
<b>volume:</b>	85 – 138.4 dbA
<b>wind pressure:</b>	10.000 – 100.000 mmWS
<b>power supply:</b>	110 KW motor
<b>construction:</b>	Vox Maris and Carrier Pipe units
<b>length:</b>	1,70 – 10,00 m
<b>console:</b>	mobile & wireless
<b>expression system:</b>	two tone wheels
<b>keys:</b>	dynamics & velocity
<b>connection:</b>	via android application, Wi-Fi & cable
<b>world record:</b>	the loudest pipe organ
<b>research &amp; development:</b>	Thomas Hey



application for  
tablet-pc



**Guinness World Records now confirmed:** The loudest pipe organ is the Vox Maris, which produced a reading of 138.4 dbA when it was tested in Urspringen, Germany, on 21 October 2011.

For more information and pictures visit our website:  
[www.hey-orgelbau.com](http://www.hey-orgelbau.com)



HEY PIPE ORGANS

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