XHAPTICORE

by XEELTECH

Xperience KIT
HAPTICORE 14-P001X1

08.01.2024

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HAPTICORE 14-P001X1

REINVENTING USER EXPERIENCE

With HAPTICORE we make user experiences truly immersive and intuitive. Our game-changing rotary haptic actuators unite all the benefits of mechanical rotary input devices such as knobs, dials, or scroll wheels with freely programmable haptic feedback.

HAPTICORE generates real, mechanical haptic feedback for intuitive human-machine interface (HMI) control. Our patented MR (magnetorheological) technology provides real-time feedback, only with the use of software: accurate, fast, and personalized!

JOIN THE HAPTIC REVOLUTION

The HAPTICORE Xperience Kit is the perfect introduction to the world of HAPTICORE. Experience for yourself what adaptive haptic feedback is all about and get a first taste of what is possible with our rotary haptic actuators. Whether different tick modes, variable resistances, or speed-dependent haptic feedback - with the HAPTICORE Xperience Kit and the Xperience software, you can discover real-time adaptive haptic feedback first-hand.

And the setup is particularly simple. All you need to do is connect the HAPTICORE Xperience Kit to your computer, download the driver and software and you're ready to go.

Find more information on how to get started at www.xeeltech.com/xperience-kit

Explore unlimited haptic feedback patterns – it is only a matter of software

With our fully programmable technology, any haptic feedback pattern can be created for a more intuitive and tailored user experience. The number and strength of ticks per rotation as well as the rotation angles and rotation resistance can be customized and combined to your needs. But HAPTICORE can not only adapt its haptic feedback pattern. Also, the feel of every haptic sensation can be adjusted via software. Here are only a few examples of haptic feedback patterns:

Ticks & torque
Speed adaptivity
Directional dependancy

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2

Scope of delivery

Hardware

HAPTICORE 14-P001X1

Mounted plastic cover

Plastic socket including cradle (HAPTICORE 14-P001X1 pre-mounted but removable)

HAPTICORE connection cable

Micro USB cable

Xperience Kit HAPTICORE 14 Control Unit (screwed into the socket)

Software

HAPTICORE Xperience Demonstration Software

System Requirements
Windows 7 or newer
.NET Framework 4.6 installed on Windows 7, 8, 8.1 (preinstalled on Windows 10)

Documentations

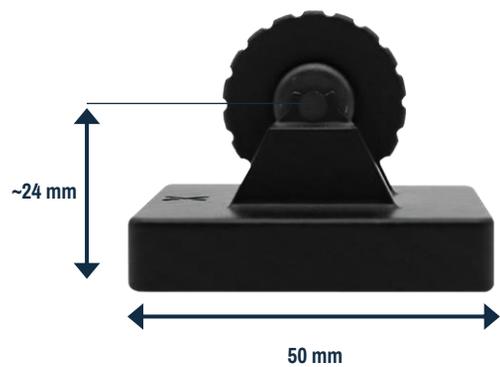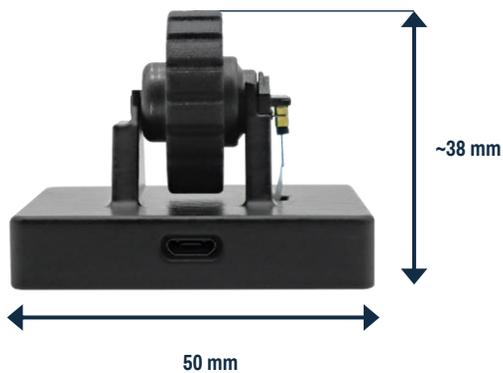Quickstart Guide

HAPTICORE 14-P001X1

This Xperience Kit is equipped with the HAPTICORE 14-P001X1. To learn more about our smallest HAPTICORE rotary haptic actuator, its technical specifications, and performance data visit our website.
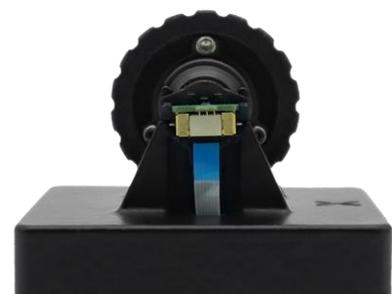
www.xeeltech.com/hapticore-14

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3

Dimensions

Xperience Kit HAPTICORE 14-P001X1

~38 mm

50 mm

~24 mm

50 mm

8 mm

Scroll wheel diameter: 25 mm

**Scroll wheel mounted with 3x
screw M1.6 x 4 mm**

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4

HAPTICORE Xperience software & Eval Kits

XHAPTICORE
XPERIENCE

Reinventing user experience

With the HAPTICORE Xperience, our plug-and-play demonstration software, you can easily test a variety of predefined haptic feedback patterns.

Get a first impression of the capabilities of our rotary haptic actuators and try out varying tick patterns, resistance levels as well as speed- and direction-dependent feedback. Or use the configurator and the integrated haptic design tool, allowing you to create your first own haptic feedback patterns.

Download the HAPTICORE Xperience software at

www.xeeltech.com/xperience-kit

Get ready for the next level with our HAPTICORE Eval Kits

Once you have gained first-hand experience with the HAPTICORE Xperience Kit, our team will be happy to advise you on the next steps towards series integration.

Our HAPTICORE Eval Kits, test setups designed for fine-tuning and integrating the rotary haptic actuator into your product, are the perfect choice for building your own prototype.

With the HAPTICORE Eval Kits, you have full access to all of our software solutions and can freely edit, save, import, and export all haptic functions in addition to the predefined patterns.

For further information on our HAPTICORE Eval Kits visit www.xeeltech.com/eval-kits

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5

Contact XeelTech

If you need assistance, please don't hesitate to get in touch with us.

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Or visit our support section at www.xeeltech.com/support where you can find all of our HAPTICORE software solutions, helpful FAQs, and video tutorials.

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6