

Application Note

Setting Up the Voyantic Standalone and Cabinet Tag Rotation Systems

4/2017

1 Introduction

The Voyantic tag rotation systems are normally delivered with an anechoic chamber (cabinet) or as a standalone system. The standalone systems are divided into two types; “before 2013” and “after 2013”. The chamber systems come in two sizes; one for the Standard Cabinet and one for Large, C50 and C100 cabinets. This application note describes the installation and configuration of rotation systems.

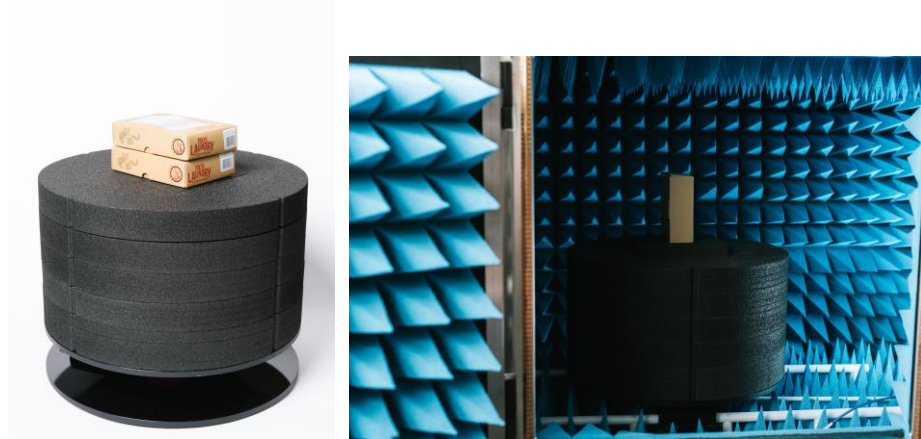


Figure 1. Voyantic standalone and cabinet tag rotation systems

2 Connections

The standalone and cabinet rotation systems both require an USB connection to the Tagformance PC and an 18V power feed. An USB cable and a power supply with cable are delivered with the rotation system.

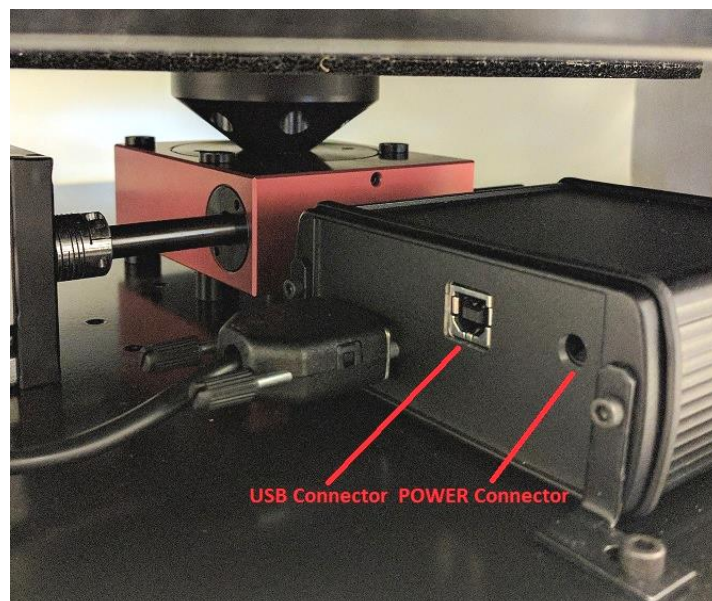


Figure 2. USB and power connectors under the standalone rotation system

3 Configurations

Rotation systems are configured at Tagformance GUI Options window – Device & Accessories tab. The needed settings are configured by selecting the correct rotation system from the Stepper Motor Settings window. If C50 or C100 cabinet is used, “Large RFID Measurement Cabinet” must be selected.

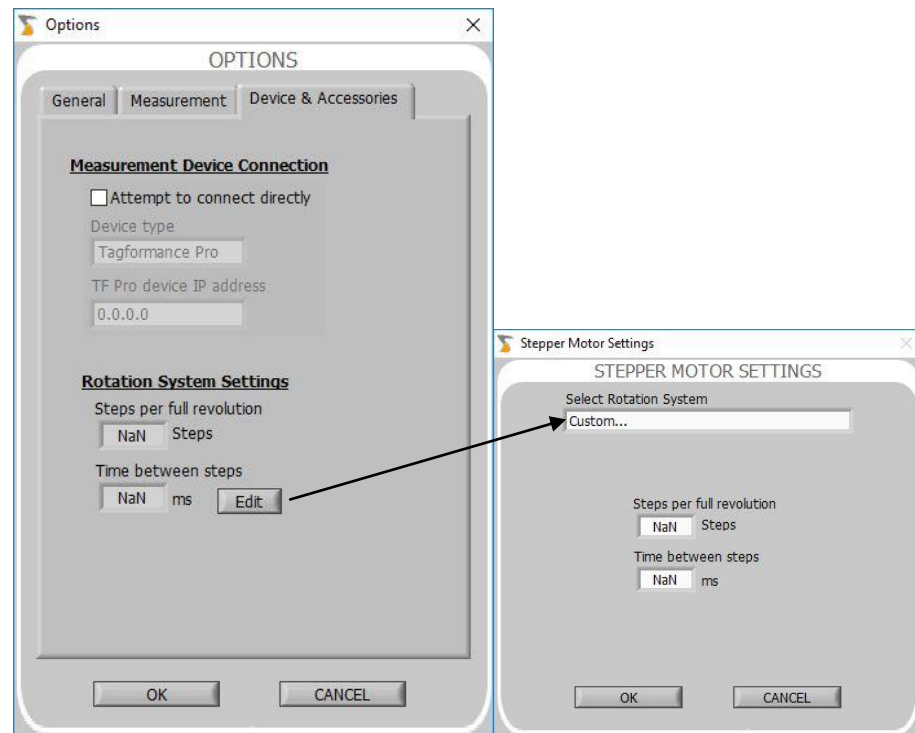


Figure 3. Tagformance Options – Device & Accessories tab

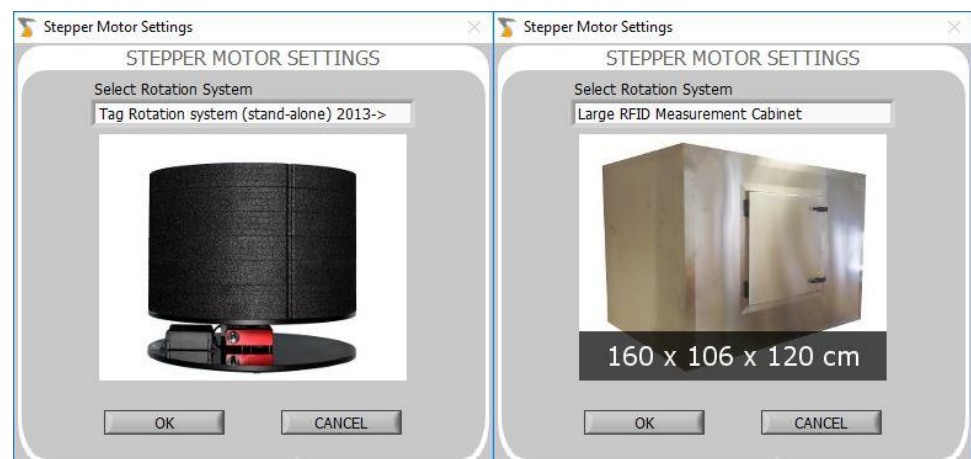
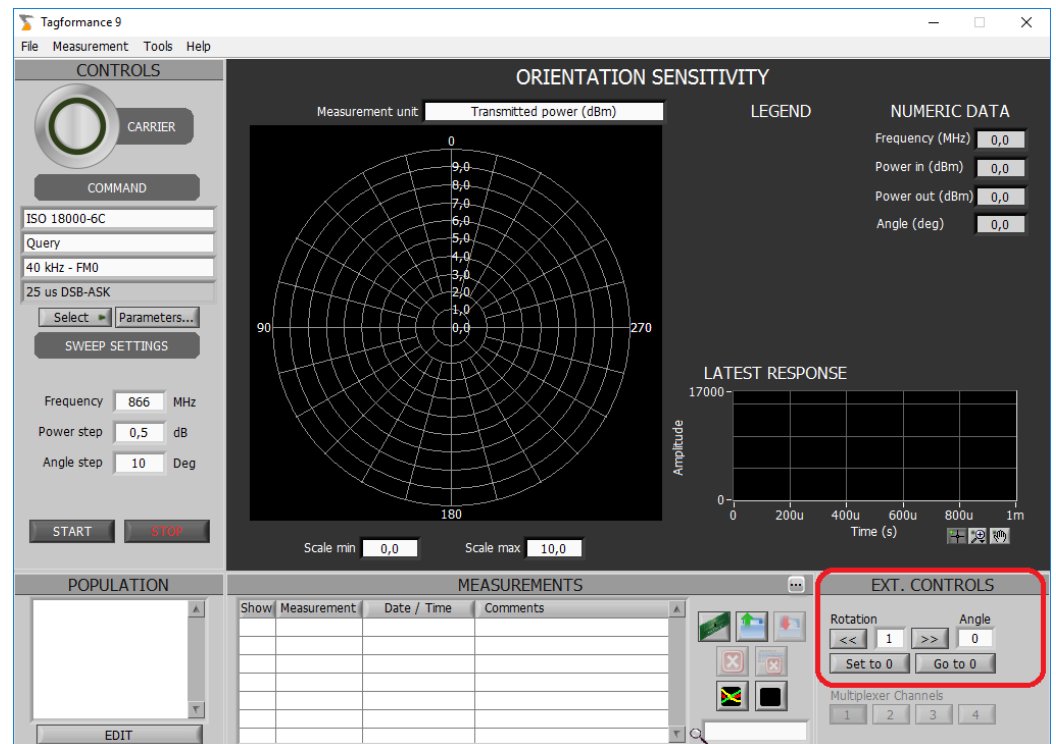


Figure 4. Rotation System selection with pictures

After successful installation and configuration, the rotation system works with Orientation Sensitivity measurement software option. It can also be controlled via external controls.



Questions or comments? Please contact: support@voyantic.com.

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