

Knowledge Base Article

Product Group: Alignment
 Product: TKSA 60, TKSA 80 Shaft Alignment Systems
 Version: All

Abstract

On occasion it may be necessary to swap or move a pair of Measuring Units from one TKSA 60/80 system to another. This article provides the correct procedure on how to do this.

Overview

These instructions are partially covered in the TKSA 60/80 Firmware Installation Procedure on the product CD. The firmware installation instructions can also be downloaded from the Attachments section to the right of this article.

It should be noted that Measuring Units must always be moved as a pair (Head A and Head B together) and cannot be moved around separately.

How to Move Pair of Measuring Units from System 1 (DU 1) to System 2 (DU 2):

1. Connect the original Display Unit (DU 1) to the PC (see Firmware Installation Procedure, First Time Connection to PC).
2. Browse to Internal Disk\System\Resources folder of DU 1. [Figure 1]

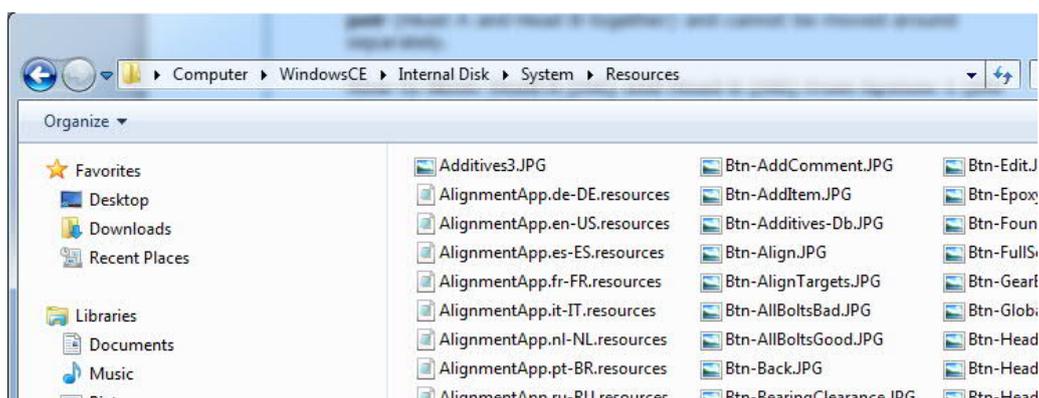


Figure 1. Resources folder on TKSA Display Unit

- Copy the file called "InclinometerCalibAAAA-BBBB.xml" (AAAA and BBBB will match the IDs for HA and HB being moved).

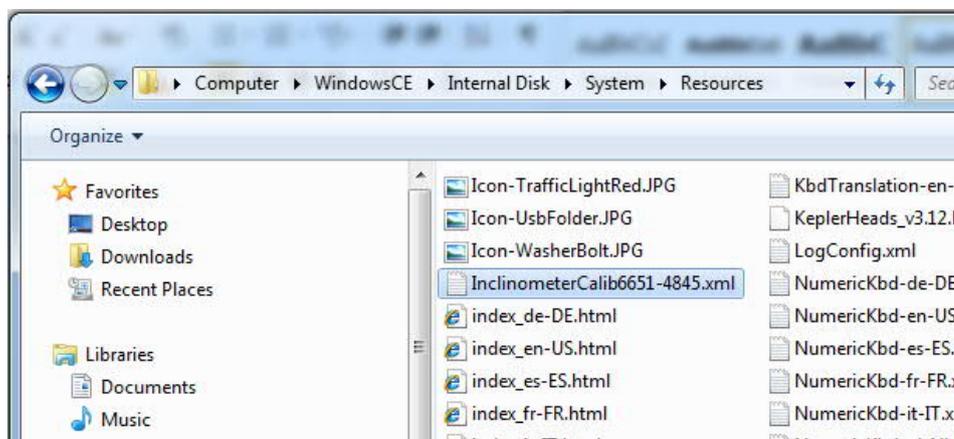


Figure 2. Copying InclinometerCalibAAAA-BBBB.xml file

- Disconnect DU 1 from the PC and connect the other Display Unit, DU 2.
- Paste the above "InclinometerCalibAAAA-BBBB.xml" file to Internal Disk\System\Resources folder of DU 2. Disconnect DU 2 from the PC and perform a soft reset on the unit by pressing 2, 7, 8, 9 keys simultaneously.
- Pair the new Measuring Units with DU 2 (instructions below).

Pairing the New Measuring Units with the Display Unit:

1. From the Display Unit's Home screen, select Settings, then browse to Measuring Units on the right hand side.
2. Select the Pair icon to put the Display Unit into pairing mode.
3. Once the screen has changed:
 - Place each Measuring Unit into "pairing mode" by holding down the red power button for >4 seconds. The LED will start blinking slowly.
 - Wait approximately 30 seconds - the Display Unit will have updated to show both the A and B IDs listed in a box on each side of the screen.
 - Highlight the IDs shown in each box and then press the Pair icon in the center of the screen to finish the pairing process.

For more detailed instructions on the pairing process, please refer to the TKSA 60/80 User Manual included on the product CD.

For further assistance, please contact the Technical Support Group by phone at 1-858-496-3627, or by e-mail at TSG-CMC@skf.com.