

MOTIVE APP NOTE

Using the CS-100, CS-200 and CS-400 calibration squares

You have received one of OptiTrack's new high-precision calibration squares—either the CS-100, CS-200 or the CS-400.

These calibration squares have replaced our previous model (part no. MCP1010).



CS-100



CS-200



CS-400

In addition to a more usable, durable, and accurate design, these new calibration squares have been updated to reflect Motive's recent standardization on a Right-Handed Coordinate System.

If you are using the CS-100, CS-200, or CS-400 with Motive 1.7.3 or higher, the system will detect their presence and make any necessary adjustments, automatically.

However, if you are using Motive 1.7.2 or below, please follow these steps during every calibration:

Step 1 - In the **Camera Calibration** pane under the **Ground Plane** group box, set the **Vertical Offset** to:

- **-11.5** if you are using the **CS-100** calibration square
- **-19** if you are using the **CS-200** calibration square
- **-45** if you are using the **CS-400** calibration square

Step 2 - Click on **Set Ground Plane**

Step 3 - Under the **Capture Volume Rotation** group box set the Z Axis to 180

Step 4 - Click on **Apply Rotation**

If you are using the CS-100, CS-200 or CS-400 in Motive 1.7.2 or below, and you do not follow the above steps, the volume will appear upside-down, with an inverted X axis, in the 3D perspective viewport.

Need some assistance?

Call technical support at 1-888-865-5535 or contact us at www.optitrack.com/support.