1096-22-336 Aaron Wood* (woodad@missouri.edu), 202 Mathematical Sciences Building, University of Missouri, Columbia, MO 65211. Hecke algebra correspondence for the 2-adic metaplectic group. A minimal type of the Weil representation of a two-fold central extension of $\text{Sp}_{2n}(\mathbb{Q}_2)$ is used to produce a Hecke algebra which is isomorphic to the Iwahori-Hecke algebra of a split orthogonal group of type $B_n$. In addition to parameterizing certain metaplectic representations, this correspondence gives a natural way to transfer the Plancherel measure of the split orthogonal group to the metaplectic group. (Received August 28, 2013)