Ambient Hamiltonian: [[0.01 0.] [0. -0.01]]

Control Hamiltonians:[array([[0, 1], [1, 0]]), array([[0.+0.j, 0.-1.j], [0.+1.j, 0.+0.j]]), array([[1, 0], [0, -1]])]

Detunings: [0.01, 0.01, 0.01, 0.01]

dt: 0.0251327412287

Probs: [0.4954185 0.5045815]

Target Operator: [[0.70710678 0.70710678] [0.70710678 -0.70710678]]

Time: 64.5155558586

Controlset: [array([[0.1139901 , -0.09054733, 0.1805454], [0.07563669, 0.06080881, 0.02730786], [0.00176559, -0.03272127, 0.03095396], ..., [0.06949809, -0.07911417, 0.01218543], [0.11285808, 0.0055737 , 0.15696407], [0.18488199, -0.03294954, 0.19032116]]), array([[0.1549553 , -0.04721565, 0.07932503], [0.07468752, -0.10635889, 0.08020825], [0.07525612, 0.02056171, 0.07656541], ..., [0.05124303, 0.08595472, 0.07830785], [0.01992596, 0.05623254, 0.12540981], [0.18922132, 0.0157598 , -0.002764]])]