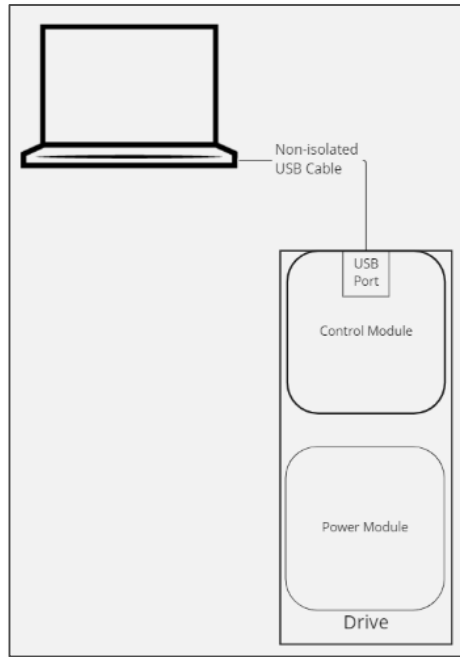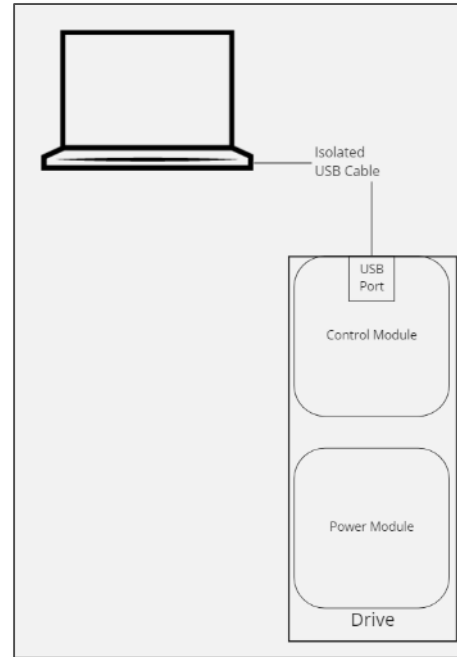# Mantis 5 – USB Use Cases

The Mantis product variants shall support USB connections under these use cases:
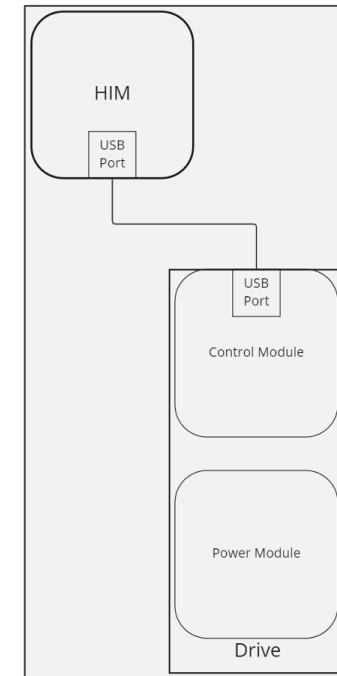
1. Connection to PC While Not Modulating (Mains-Free Programming)
2. Connection to PC While Modulating via Isolating Cable
3. Next-Gen Standard HIM (External Keypad)

Case A

Case B

Case C

Single Connector - USB Type C Proposal

EN1	EN0	Device State
0	0	Source and Sink paths disabled
0	1	Sink path enabled
1	0	Source path enabled, 1.5 A
1	1	Source path enabled, 3.0 A

Function Table