What is the maximum distance allowed between controllers?

The total distance of your LOR network can be 2000 - 4000 feet, depending on the wire type - CAT5E will give you further reach than standard phone cable. Also, if you are using the SC485 Serial Adapter, the connection from the computer to the first controller needs to be under 100 feet. If you are using the USB485 or USB485B USB Adapter, the 100' limit does not apply.