CLAIMS

1. A communication connection apparatus that is configured to control connection of a communication line between at least one first communication device and at least one second communication device, the communication connection apparatus comprising:

a first connection port to which a connection line to the at least one first communication device is connected, and which includes a first transmission unit through which a signal output from the at least one first communication device passes and a first reception unit through which a signal to be input to the at least one first communication device passes;

a second connection port to which a connection line to the at least one second communication device is connected, and which includes a second transmission unit through which a signal output from the at least one second communication device passes and a second reception unit through which a signal to be input to the at least one second communication device passes;

a first connection line that connects the first transmission unit and the second reception unit to each other; and

a simulated-signal input unit that inputs, to the first reception unit, a first signal which is a signal for recognizing that the at least one first communication device is connectable to other devices, wherein

when the first signal is being input to the first reception unit, the first reception unit and the second transmission unit are physically disconnected from each other.

2. The communication connection apparatus according to claim 1, wherein the first signal is a serial signal.

3. The communication connection apparatus according to claim 2, wherein

the simulated-signal input unit includes two communication devices and a line unit that is connected to the first reception unit, and

the simulated-signal input unit causes communication between the two communication devices to be established, and inputs a signal output from a transmission unit of either one of the two communication devices to a reception unit of the other one of the two communication devices to the first reception unit via the line unit as the first signal.

4. The communication connection apparatus according to claim 3, wherein the two communication devices are two internal communication devices.

5. The communication connection apparatus according to claim 1, 3 or 4, comprising:

a switching unit that is provided on a line connecting the simulated-signal input unit and the first reception unit to each other; and

a second connection line that connects the switching unit and a second input unit to each other, wherein

the switching unit switches a state of the communication connection apparatus between a state in which the simulated-signal input unit and the first reception unit are connected to each other and a state in which the second connection line and the first reception unit are connected to each other.

6. The communication connection apparatus according to claim 5, wherein the second input unit includes the second transmission unit.

7. The communication connection apparatus according to any of claims 5 or 6, comprising a physical switch that switches a connection state of the switching unit, wherein

the physical switch includes a key and a keyhole, and

the second connection line and the first reception unit can be connected to each other only in a state in which the key is inserted into the keyhole.

8. The communication connection apparatus according to any one of claims 1 to 7, wherein the first signal is a signal for recognizing that data can be output from the first transmission unit in UDP broadcast communication.

9. A communication system comprising:

at least one first communication device;

at least one second communication device;

the communication connection apparatus according to any one of claims 1 to 8; and

a public communication line network that connects the at least one second communication device and the communication connection apparatus to each other.