

Application Notes

Connecting Multiple Controller Keypads to iPlayer 3 Serial Port

Controller Keypad is a serial triggering device used to trigger shows stored on iPlayer 3. A maximum of four (4) Controller Keypads can be daisy-chained in series and connected to a single iPlayer 3 serial port.

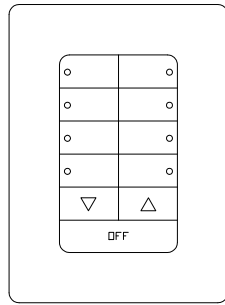
Making the Connections:

A custom cable is required to daisy-chain multiple Controller Keypads in order to properly transmit the control signal through all serial devices to provide feedback to each Controller Keypad. The last Controller Keypad in the daisy-chain should be no more than 50ft of cable distance from the serial port on iPlayer 3. A serial repeater device (by others) should be used for any distances exceeding 50ft. The diagram on Page 2 shows the wiring configuration required when using multiple Controller Keypads with iPlayer 3.

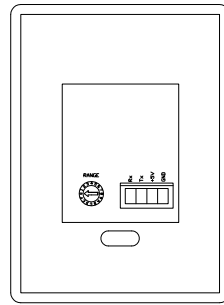
Setting the Base Address:

The Controller Keypad has a Range setting that will allow the user to select an 8-show trigger range based on the table below. This feature allows the user flexibility to use multiple keypads to either trigger a minimum of 8 sequential shows or a maximum of 32 sequential shows per serial port.

Switch Position	Show Range
0	1-8
1	9-16
2	17-24
3	25-32
4	33-40
5	41-48
6	49-56
7	57-64
8	65-72
9	73-80
A	81-88
B	89-96
C	97-104
D	105-112
E	113-120
F	121-128



<FRONT VIEW>



<BACK VIEW>

iPLAYER 3 SERIAL PORT PINOUT:

- PIN 2 - Tx
- PIN 3 - Rx
- PIN 4 - +5VDC
- PIN 5 - GND

TO iPLAYER 3 SERIAL PORT

