Data Flow Diagram for Receiver

User Input

IR/RF Receiver

IR/RF Receiver

KEY
- FPBO: input module (object-based device driver)
- FPBO: control module
- FPBO: output module (object-based device driver)
- inter-object communication
- communication with I/O device

Message Key

Press a key on the receiver keypad:
0 Message (Welcome...)
1 Force Sensing Resistor 1 Value (small)
2 Force Sensing Resistor 2 Value (large)
3 Thermistor Value
4 Photosensor Value
5 Potentiometer Value
6 [add new sensor here]
7 [add new sensor here]
8 [add new sensor here]
9 DIP Switch Value
A Transmitter Keypad Value
B [add new sensor here]
C [add new sensor here]
D Message (Thanks...)
E # [Enable Scrolling]
F * [Disable Scrolling]