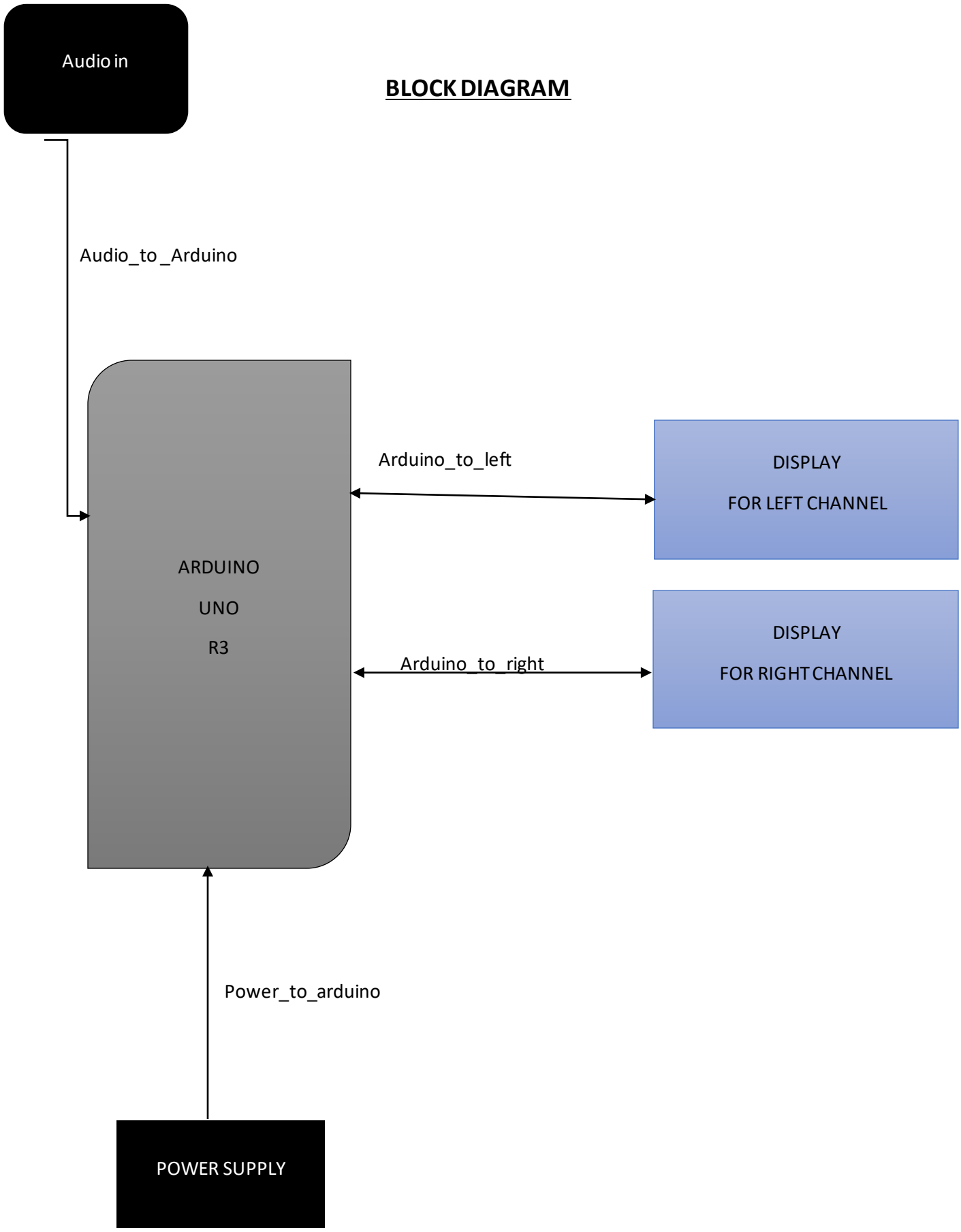
Audio in
BLOCK DIAGRAM
Audio_to _Arduino
ARDUINO
UNO
R3
Arduino_to_left
DISPLAY
FOR LEFT CHANNEL
Arduino_to_right
DISPLAY
FOR RIGHT CHANNEL
Power_to_arduino
POWER SUPPLY

Interface

Name	Definition
Audio_to_arduino	For the audio to be taken in you need a 3.5mm Stereo Panel Mount Jack then solder jumper wires then connect to Arduino to send audio signals to Arduino. Pin A4 for left Pin A5 for right Pin GND to GND
Power_to_arduino	It is sending 9v to the Arduino to power up the program.
Arduino_to_left	The corresponding signal for the left channel to the LEDS. Voltage:1.8-2.2V(Basic Red,Green,Yellow) Voltage:2.4-2.7V(White,Blue) Max current: 20mA Suggested using current: 16-18mA
Arduino_to_right	The corresponding signal for the left channel to the LEDS. Voltage:1.8-2.2V(Basic Red,Green,Yellow) Voltage:2.4-2.7V(White,Blue) Max current: 20mA Suggested using current: 16-18mA