MEMPHIS AUDIO SINCE 1965

RGB LED WIRING INSTRUCTIONS

Memphis Power Reference subwoofers feature built-in RGB LED illuminated cones. The internal LEDs are capable of producing over one million colors when used with an external RGB LED controller, such as the Memphis **MXRGBBTC (SOLD SEPARATELY)**.

If an RGB LED controller is not used, the LEDs can still be wired to display solid colors only. Each color channel has its own control wire, making the RGB LEDs a 4-wire system: common (black), red, green, and blue.

When the red, green, or blue wire is connected to ground, the corresponding LED color will illuminate. Grounding multiple color wires at the same time will produce additional colors.

Available solid colors and the corresponding to achieve the desired color are indicted in the chart below.

Black Wire Connects to (+) Positive Terminal
Color Wire Connects to (-) Negative Terminal

RED	GREEN	BLUE	EMITTED COLOR
0	0	0	Off
1	0	0	Red
0	1	0	Green
0	0	1	Blue
1	1	0	Yellow
0	1	1	Cyan
1	0	1	Magenta
1	1	1	White

1= GROUND APPLIED