

# Wiring Schematic - PowerChiton External Accessory Jack for Wireless Receiver, Breakout Box & BreakoutBox XL

The BreakoutBox and BreakoutBox XL and Wireless Receiver all connect to the PowerChiton amp modules using a weatherproof RJ45 cables and jacks. In these configurations, the connections are not network connections but rather audio and DC power connections.

The accessory jack is the **Molex 84700-0001**.

The cable mount connector is the **Molex 84700-0002**.

The following wiring schemes are used, depending on the specific configuration of the accessory item.

Pin    Function    Color    Pin    Function    Color    Pin    Function    Color

Pin	Function	Color
1	Balanced Audio shield	White/Green
2	Not used	Green
3	Balanced Audio +	White/Orange
4	Unbalanced Audio +	Blue
5	Unbalanced Audio -	White/Blue
6	Balanced Audio -	Orange
7	DC Neutral	White/Brown
8	12VDC +	Brown

Note that pins 4 & 5 for used for a secondary audio output (4 / black is - and 5 / green is +) when are required but are typically not wired.