

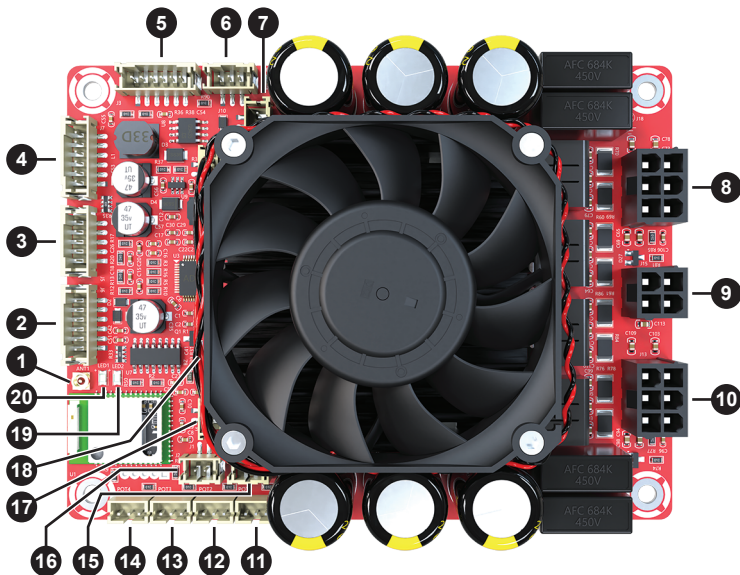
4 x 100W Bluetooth Amp Board with DSP

Quick Start Wiring Guide

Model: KABD-4100

1. External Bluetooth Antenna Option
2. I2S Interconnect Input Port
3. Line Input Port
4. I2S Interconnect Output Port
5. Programming Port
6. Interconnect Control Port
7. Standby Port
8. Speaker Output Port J14
9. 10 to 39 VDC Power Port
10. Speaker Output Port J13
11. Pot 1 Port
12. Pot 2 Port
13. Pot 3 Port
14. Pot 4 Port
15. External Signal Detection LED Port
16. External Bluetooth LED Port
17. Bluetooth Pairing Switch Port
18. Slave/Master Switch
19. Signal Detection LED
20. Bluetooth Pairing LED

Use Interconnect ports with Slave/Master switch to cascade two KABD-4100 together.



Speaker Output Connector:

J14, Molex-MiniFit-2x3Pos-3mm

Pin	Stereo	Mono
1	MODE1	MODE1
2	GND	GND
3	OUTL1-	MONO1-
4	OUTL1+	MONO1+
5	OUTR1-	MONO1-
6	OUTR1+	MONO1+

J13, Molex-MiniFit-2x3Pos-3mm

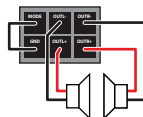
Pin	Stereo	Mono
1	MODE2	MODE2
2	GND	GND
3	OUTL2-	MONO2-
4	OUTL2+	MONO2+
5	OUTR2-	MONO2-
6	OUTR2+	MONO2+



The KABD-4100 supports PBTL (bridging) on each speaker port, allowing for 4.0, 2.1, or 2.0 modes. Connecting the MODE pin to GND on either J14 or J13 will enable STEREO mode on that connector, or leave MODE and GND disconnected to enable MONO mode on that connector.

STEREO

CONNECT MODE TO GND



MONO

DISCONNECT MODE FROM GND

