

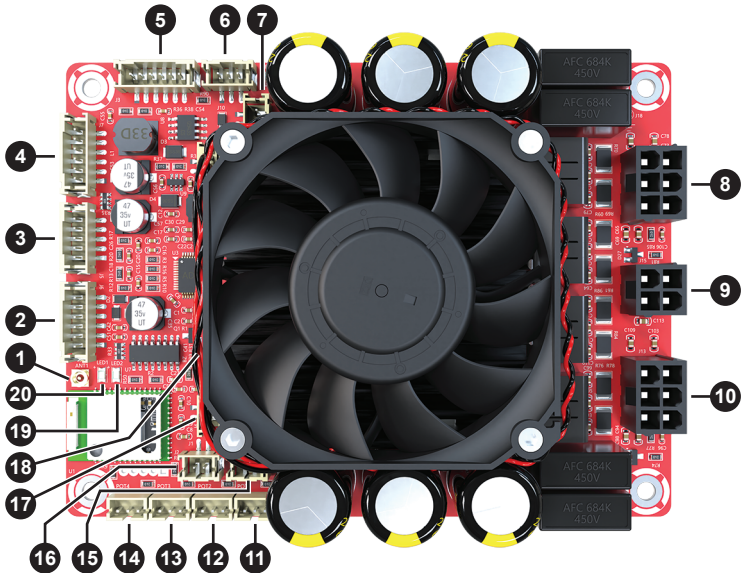
4 x 100W Bluetooth Amp Board with DSP

Quick Start Wiring Guide

Model: KABD-4100

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

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

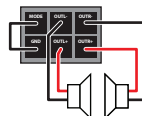
Pin	Stereo	Mono
1	MODE2	MODE2
2	GND	GND
3	OUTL2-	MONO2-
4	OUTL2+	MONO2+
5	OUTR2-	MONO2-
6	OUTR2+	MONO2+



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

