

Guide for Connecting a Bradley Smoker with an Auber Controller

Auber Instruments
Ver 1.3 (Feb, 2024)

1. Receptacles and Cables of a Bradley Smoker.

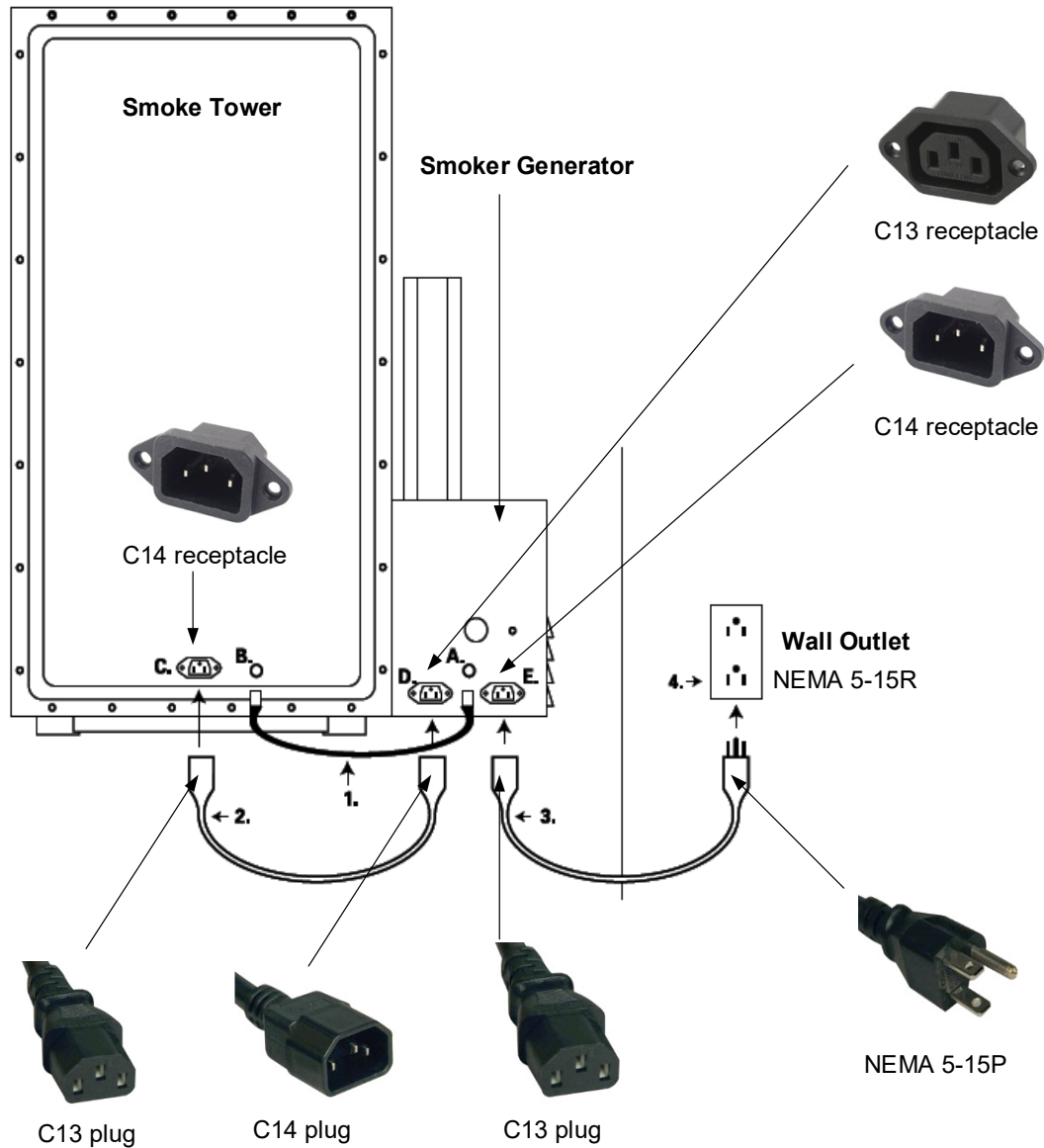


Figure 1. Original wiring for a Bradley Smoker.

Table 1. Cables that come from a Bradley Smoker.

Cable 1	(Temperature sensor cable)
Cable 2	C14 to C13
Cable 3	NEMA 5-15P to C13

2. Using a Single-Channel WS Controller with a Bradley Original or Digital Smoker, Wiring Option #1

This wiring configuration applies to both original and digital Bradley Smokers. The WS series controller only controls the heating element in the smoker tower.

In this wiring configuration, the WS controller gets the input power from the smoke generator. The smoke generator gets the power from a wall outlet.

Cable A comes from the WS controller. Cable 2 and 3 come from a Bradley Smoker. No extra cable is needed.

If you have an Original Bradley Smoker, which has a heater control switch/dial on the smoker tower, please turn the heat control switch/dial all the way to the maximum.

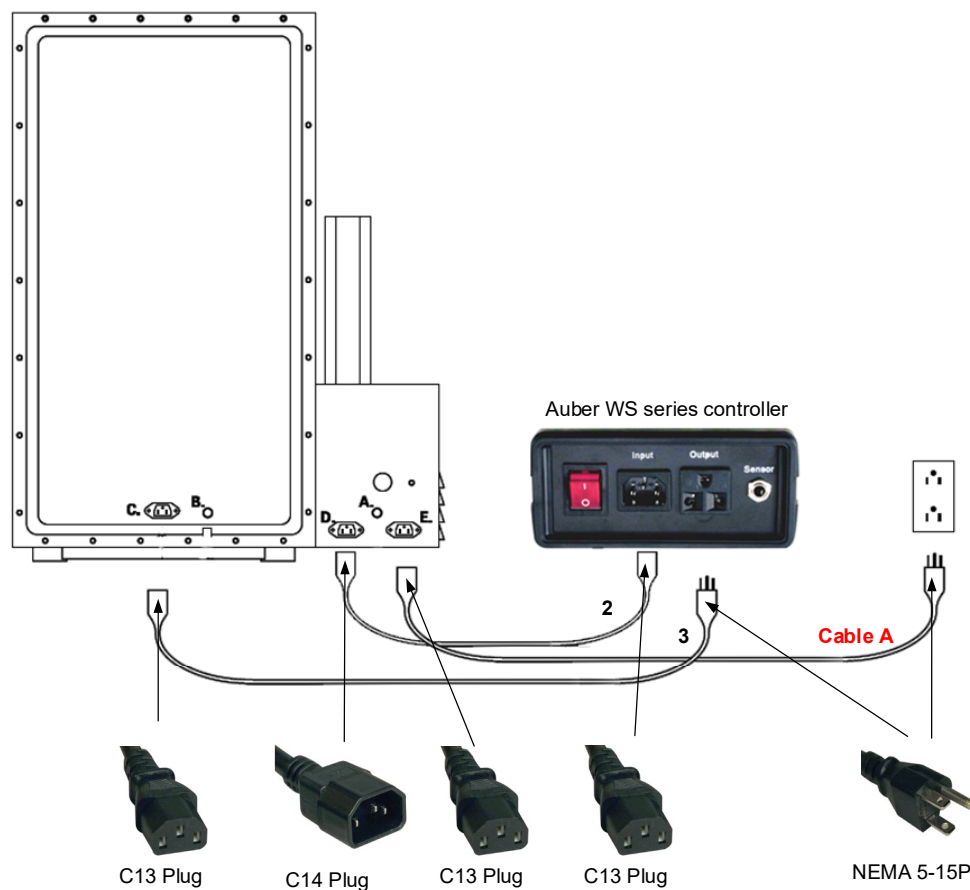


Figure 2. Using a WS-1211GPH/ WS-1211H controller to control a Bradley Smoker (Wiring #1).

Cable 2	C14 to C13	Comes with Bradley Smoker
Cable 3	NEMA 5-15P to C13	Comes with Bradley Smoker
Cable A	NEMA 5-15P to C13	Comes with Auber WS controller

3. Using a Single-Channel WS Controller with a Bradley Original or Digital Smoker, Wiring Option #2

This wiring configuration applies to both original and digital Bradley Smokers. The WS series controller only controls the heating element in the smoker tower.

In this wiring configuration, the WS controller gets the input power from the wall outlet. The smoke generator also gets the power from a wall outlet.

Cable A comes with the WS controller. Cable 3 comes from the Bradley Smoker. Cable B is an extra NEMA 5-15P to C13 power cord, which can be purchased from Auberins.com. This cable is essentially the same as Cable 3 or Cable A.

If you have an Original Bradley Smoker, which has a heater control switch/dial on the smoker tower, please turn the heat control switch/dial all the way to the maximum.

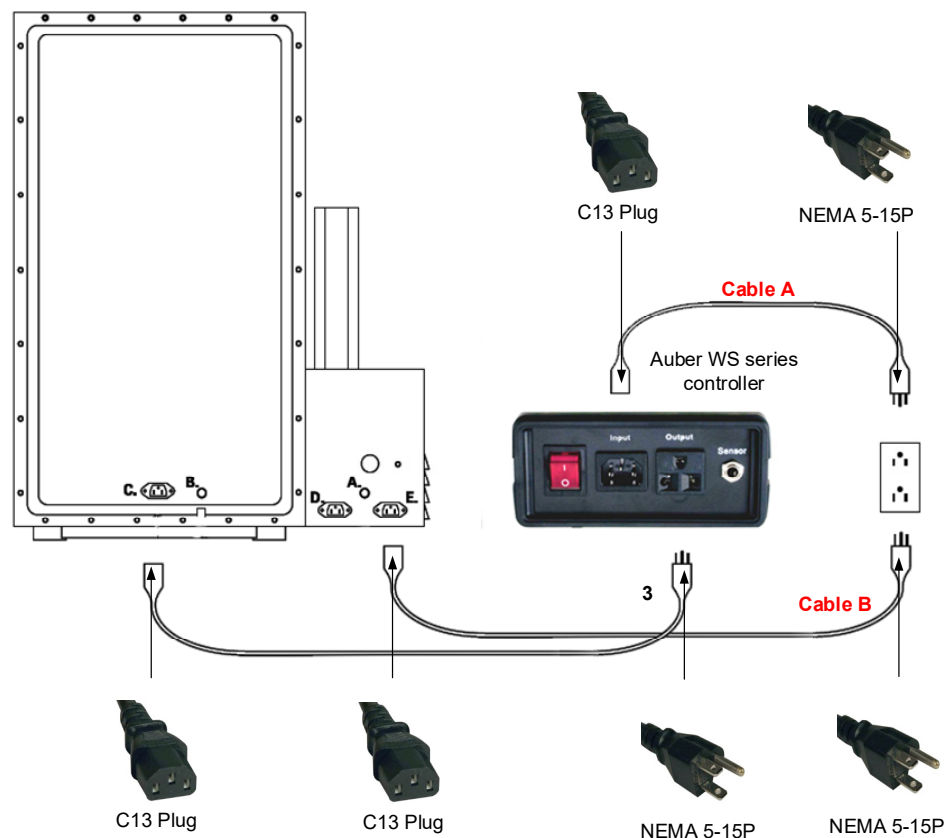


Figure 3. Using a WS-1211GPH/ WS-1211H controller to control a Bradley Smoker (Wiring #2).

Cable 3	NEMA 5-15P to C13	Comes with a Bradley Smoker
Cable A	NEMA 5-15P to C13	Comes with an Auber WS controller
Cable B	NEMA 5-15P to C13	Not provided, can be purchased from Auberins.com

4. Using a Dual or Multi Channel Controller (WSD/WST/AW Series) with a Bradley Original Smoker.

This wiring configuration applies only to a Bradley Original Smoker. The Auber controller can control both the heating element in the smoke tower and the smoke generator.

In this wiring configuration, the Auber controller gets the input power from a wall outlet. The smoke tower of a Bradley smoker is connected to the “Heater” outlet on the Auber controller. The smoke generator is connected to the “Smoke Generator” outlet on the Auber controller.

Cable H is hard wired to the Auber controller. Cable 2 and Cable 3 come from a Bradley Smoker. No extra cable is needed.

On the smoke tower, if there is a heat control switch/dial, please turn it all the way to the maximum.

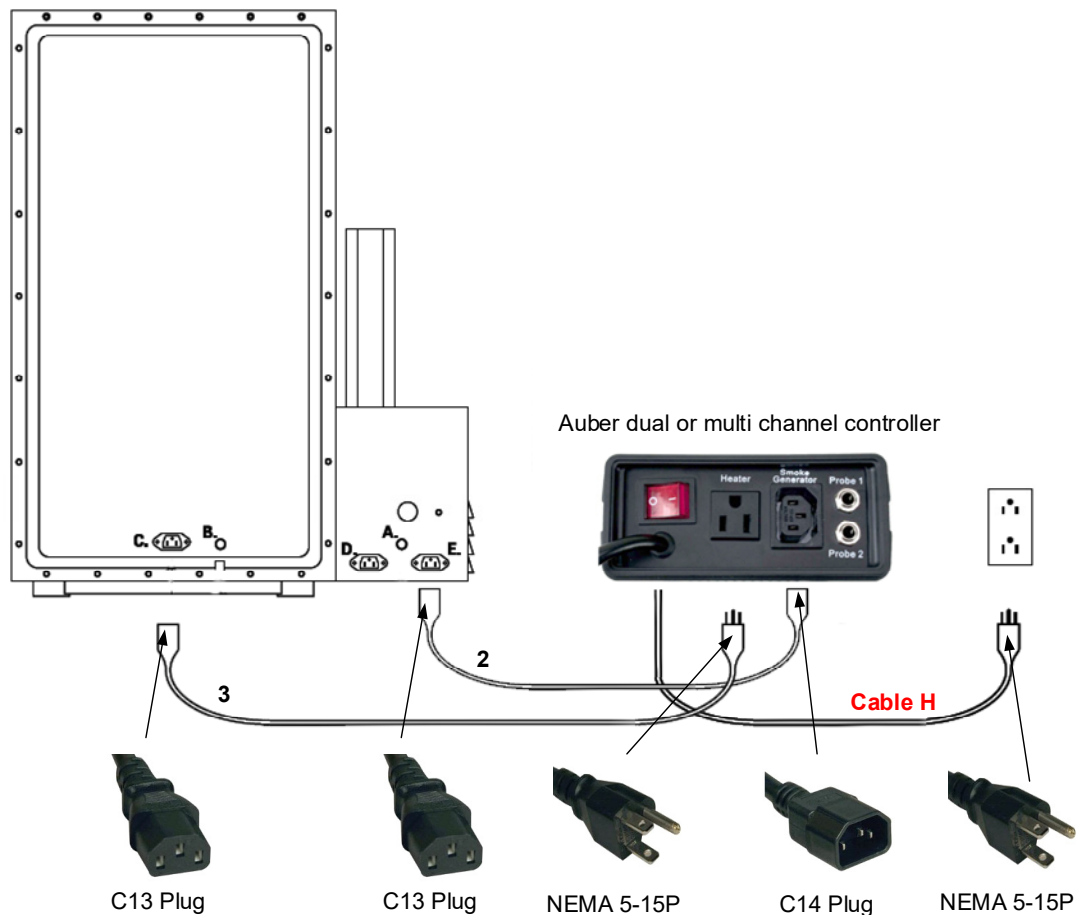


Figure 4. Wiring a dual channel controller with a Bradley Original Smoker.

Cable 2	C14 to C13	Comes with the Bradley Smoker
Cable 3	NEMA 5-15P to C13	Comes with the Bradley Smoker
Cable H	Power Cord with NEMA 5-15P	Hard-wired to the Auber controller

5. Using a Dual or Multi Channel Controller (WSD/WST/AW Series) with a Bradley Digital/Smart Smoker.

This wiring configuration applies only to a Bradley Smoker with a digital smoke generator. The Auber controller only controls the heating element in the smoker tower.

In this wiring configuration, the Auber controller gets the input power from a wall outlet. The digital smoke generator also gets the power from a wall outlet.

Cable H is hard wired to the Auber controller. Cable 3 comes with a Bradley Smoker. Cable B is an extra NEMA 5-15P to C13 power cord, which can be purchased from Auberins.com. This cable is essentially the same as Cable 3.

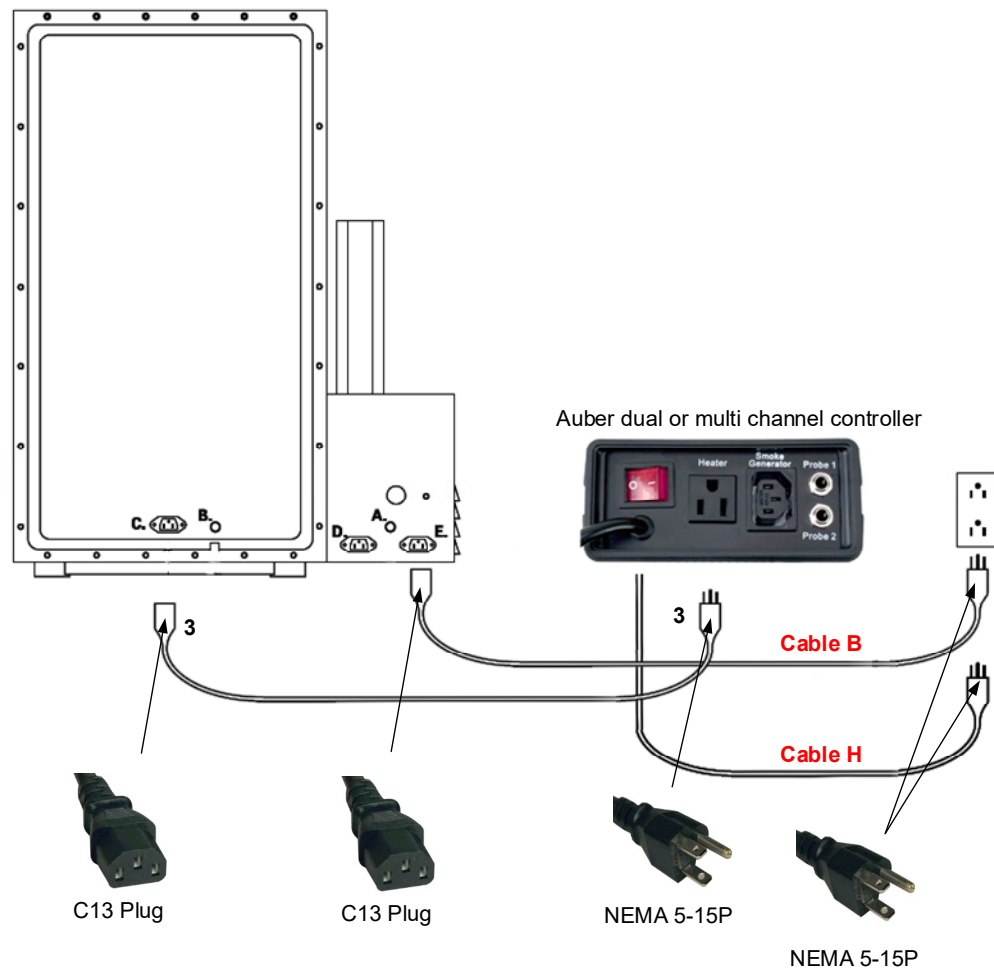


Figure 5. Wiring a dual channel controller with a Bradley Digital/Smart Smoker.

Cable 3	NEMA 5-15P to C13	Comes with the Bradley Smoker
Cable H	Power Cord with NEMA 5-15P	Hard-wired to the Auber controller
Cable B	NEMA 5-15P to C13	Not provided, can be purchased from Auberins.com

(END)