

APPLICATION #02 describes an installation that requires three circuits in two or more locations.

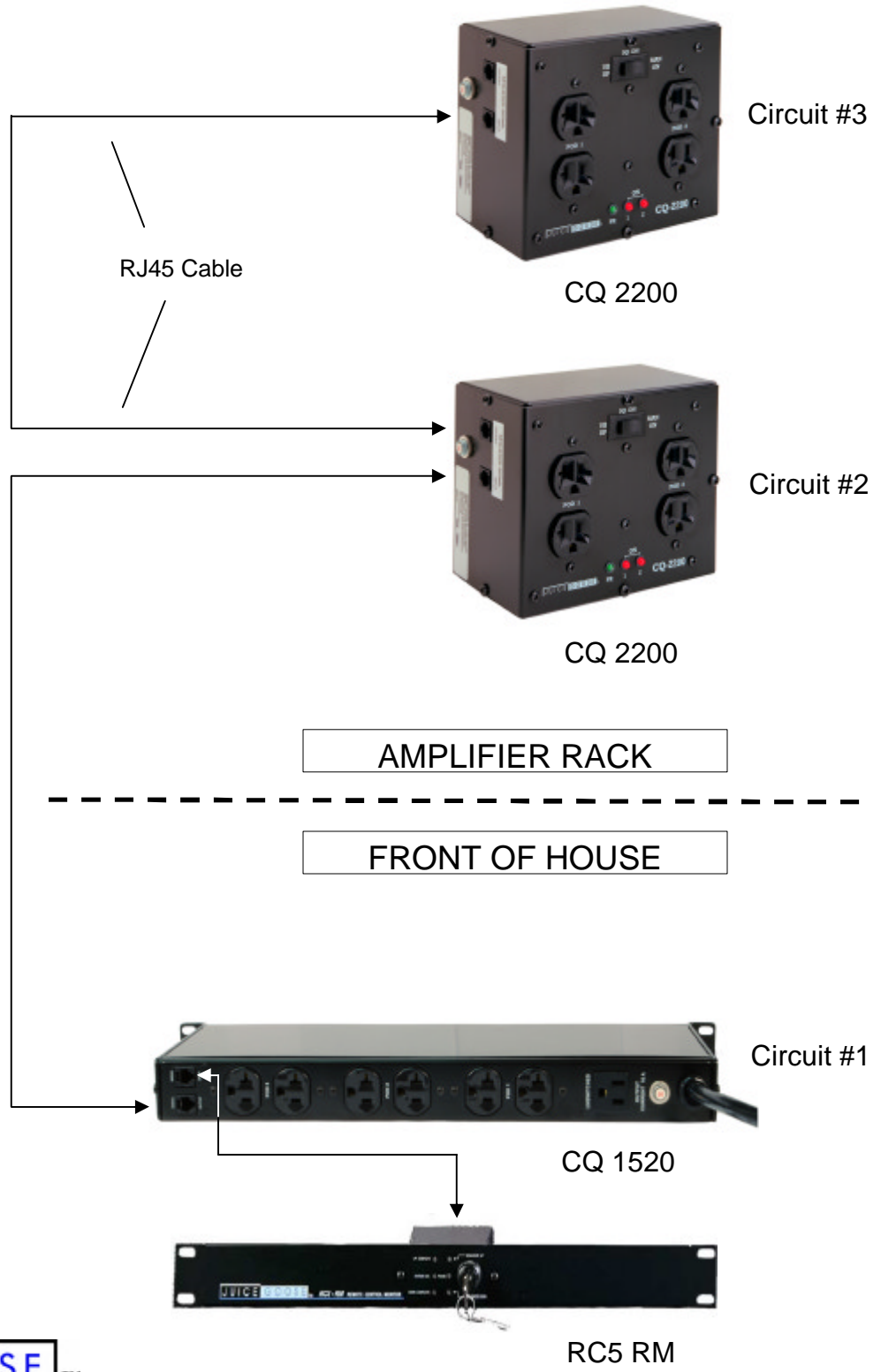
The Front of House has a rack mounted CQ 1520 sequencer, which has a 20 amp power cord and turns on six AC receptacles in three stages. Also at FOH is an RC5 RM accessory to provide enhanced system security with a key operated switch. If the key switch is not desired, the RC5 can be deleted from this design. In that case the switch on the front of the CQ 1520 would control the system.

The remote rack(s) have a total of two circuits. Each CQ 2200 installed here is rated at 20 amps and attaches to main power via hardwire connection to a single 20 amp circuit. Each CQ 2200 turns on in two sequence stages. If desired, multiple high in-rush amplifiers can be powered off a single circuit using the CQ 2200.

In this Application, turning the RC5 RM key to the Sequence Up position will cause the CQ 1520 to turn on followed by the CQ 2200s: Circuit #2, then Circuit #3. All units will turn off in reverse order.

RJ45 cabling is used as the communications link between each of the CQ devices. Assembly of the cables is simple. Orientation of the connectors at the ends of this cable conforms to standard telephone system design. More information on this topic is available from Juice Goose

This system has "plug and play" functionality. No timing delay settings or adjustments are required. The RC5 receives its power from its connection to the CQ 1520 and requires no additional power supply.



CQ SERIES APPLICATION # 02
 3/10/10
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NOTE: Juice Goose CQ Series Application Notes provide examples of how various CQ Series products can be used in different combinations. There is no operating restriction regarding how different CQ models can be arranged.