

APPLICATION #04 describes an installation in two or more locations that requires five circuits. This system can be turned on and off from either of two locations.

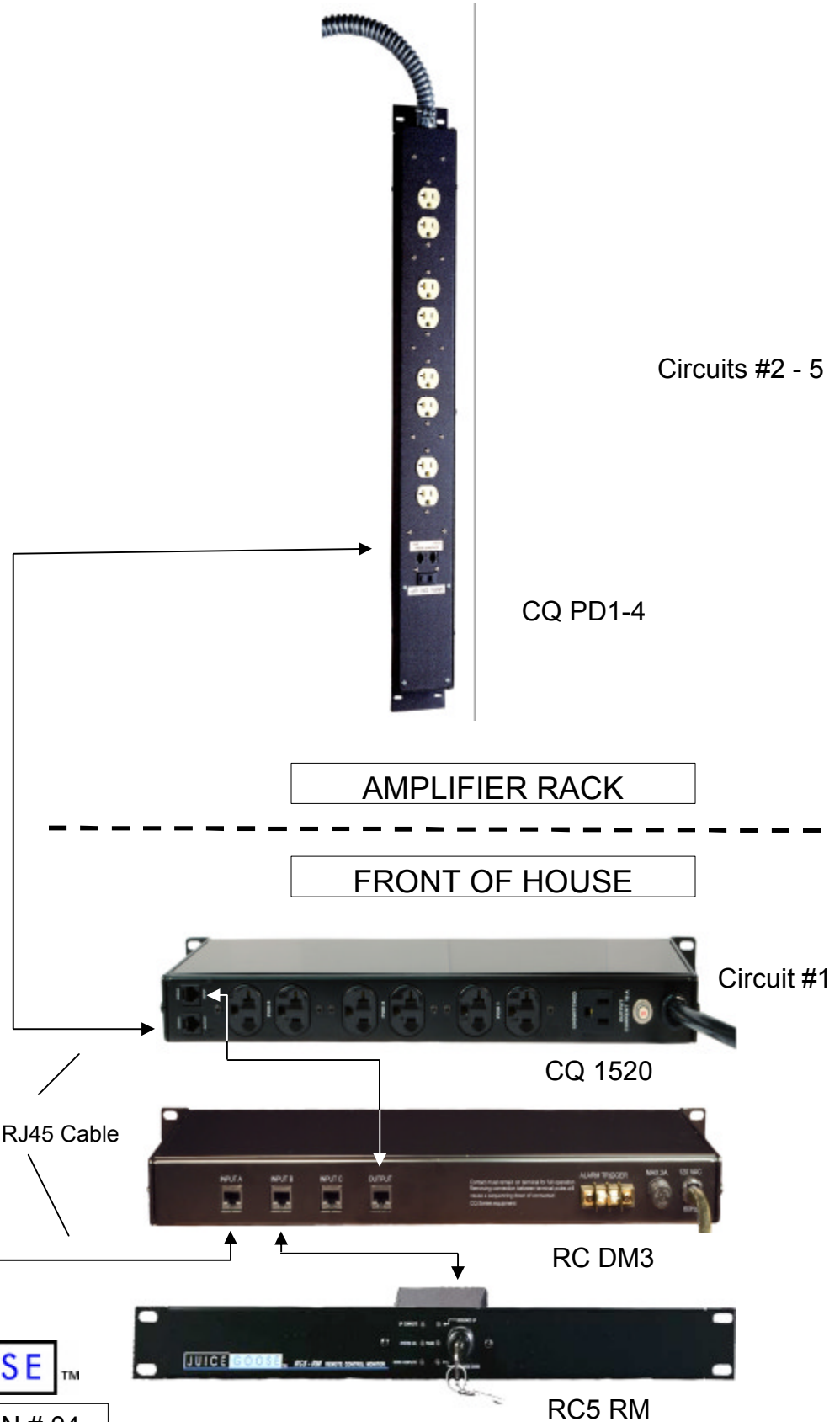
The Front of House has a rack mounted CQ 1520 sequencer which has a 20 amp power cord and turns on six AC receptacles in three stages. At FOH is also a rack mounted RC5 RM accessory to provide enhanced system security with a key operated switch. Also at this location is a RC DM3 remote control combiner. This plug and play device automatically allows fully functional control and monitoring from up to three remote control locations. Shown in this diagram is connection to a second remote control, a wall mounted RC5 KP.

The remote rack has a total of five circuits. The CQ PD1-4 is a self contained sequencer that includes four 20 amp circuits which activate in four sequenced steps. This model is designed for hard wired connection to four 20 amp breaker panel circuits.

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

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 PD1-4. The system could then be turned off from the RC5 KP which is also connected to the RC DM3 remote control combiner and requires a four digit code to activate.

This system has "plug and play" functionality. No master control unit, no timing delay settings and no adjustments are required. The RC5s receive their power from the RC DM3 and need no additional power supply.



CQ SERIES APPLICATION # 04

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. Because there is no operating restriction regarding how different CQ models can be arranged, there are a large number of possible configurations.