

Quick Start:

1. Press and release the "Start Sequence" button on the Furman. The Impact Mixer will power on first. (Do not ever turn off the Impact using the switch on the rear of the mixer)

The sequencer will continue to turn on the balcony equipment and then the equipment in the remote amp closet in the proper order.

2. To power down the system, press and release the "Start Sequence" button. The equipment will turn off in the reverse order with the Impact mixer being the last device to turn off.

Here are the operation details:

1. There is a keyed switch on the right side of the units. (There is a main control unit in the balcony and two remote units in the equipment rack in the amp closet) The keyed switch must be set to "Remote" at all times for the sequencing to operate at all devices. The on/off settings are just what they seem. Off turns everything off sequentially and on turns everything on but does not do so in the proper sequence order. DO NOT POWER THE BALCONY UNIT OFF WITH THE KEY. Powering the balcony unit off will throw the system out of sync. If any one of the units is powered off it will throw the entire sequencing process off such that it will not operate correctly.
2. Should the system get out of sync for some reason, turn all of the units off and then back on then press and hold the "Start Sequence" button on the balcony unit for about 15 seconds to reset the process. The equipment rack units do not have a "start Sequence" button.
3. Behavior of the LED lights: the three lights to the immediate right of the "Start Sequence" button are used as follows:

Primary Link: this lamp should be blinking green at a pace of one blink per second and indicates that the local unit is the primary system master. If it is red it means the unit is disconnected from the rest of the system.

Secondary Link: This lamp will blink green rapidly during the sequencing process. When the process, including firing the two remote units, is complete the Secondary Link will be on in a steady state. This is true whether the system is powered on or off. Blinking only happens during transmission of communication. If the Secondary Link light does not stop blinking it indicates that the remote units did not power up. Only when this light is in steady state and the three Delay lights next to it are also on in a steady state are the remote units on.

Ethernet: This light will not light, its function is to indicate connection to a network. This system, when so configured, can be monitored and controlled via software and a connection to the internet. This feature was not activated at this time but can be if it is deemed necessary at a future date.



4. The three lights marked Delay1, Delay 2 & Delay 3 relate to the local device only and will light up as the three delays on that device are turned on. They do not in any way relate to the state of the remote devices.
5. The entire sequence takes 60 seconds and should be initiated in the following order.

Full system instructions are on the Furman web site under manual for this model CN-2400 and I will be placing it on the church's portal on my web site located here: [www.https://soundconceptsllc.com/account/chpc/chpc-portal.html](https://soundconceptsllc.com/account/chpc/chpc-portal.html) An updated drawing is also located on the portal.

Side notes:

1. Currently there are three steps in the power-up of the equipment in the amp rack where there were only two with the previous system.
2. The status lights on the two units in the rack are visible through the upper vent in the door so that the status can be determined without opening the closet door. The lights mean slightly different things on those units.

The sequence of the booth devices are as follows: All three stages are in use in the local Furman. They are as follows:

Delay 1: Soundcraft Impact mixer & all wireless mics

Delay 2: Two of the following devices

Delay 3: Two of the following devices.

CD Player

DVD Player

Media Player?

Telex hearing assist system

