

This Technical Bulletin provides a more detailed explanation of some of the functions on remote controllers.

Call Function (MC-100V, BC-100V)

Pressing the call button will send a short series of beeps to the other controllers in the system. This could be used to send a signal to someone else in the home or building. It is not an intercom. Pressing the call button does not change which controller has priority.

Priority Function (MC-91, MC-502RC, MC-100V, BC-100V)

If a controller has priority then it is setting the temperature available for all hot water sources in the system. The priority light does not indicate which faucets are in use. The priority can only be changed while no hot water is running.

Bath Fill Function (BC-100V)

The bath fill function allows the consumer to fill a tub with a preset volume of water. This is done by pressing the bath fill button on the BC-100V controller while no hot water is flowing and then opening only the hot water tap. The water heater will cease the hot water flow when the preset volume has been reached. The hot water tap should then be closed and the bath fill button pressed.

NOTICE	If power is lost during the bath fill function, the water heater will shut down but the water will continue to flow. When power returns, the water shuts off and Error Code 03 appears on the controller.
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If power is lost after the bath has filled but before the bath fill function button is de-selected, then the water will not flow during the power loss or after the power is returned. Once power returns, close the hot water tap and de-select the bath fill function. No error code appears.

During the bath fill function, any hot water flowed at other locations, subtracts from the total amount of water programmed for the bath. For example if the bath fill function is set for 50 gallons and 5 gallons of hot water are used at other locations during the fill period then the bath will only fill with 45 gallons.

NOTICE	The bath fill function will not work properly if it is connected to multiple water heaters. The tub will overflow because the bath fill function is not able to measure the water volume when connected to multiple water heaters.
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