residential technical *bulletin*

Master

Johnson Controls

INSTALLATION MANUAL FOR SOFTWARE UPGRADE
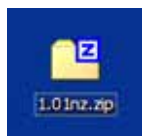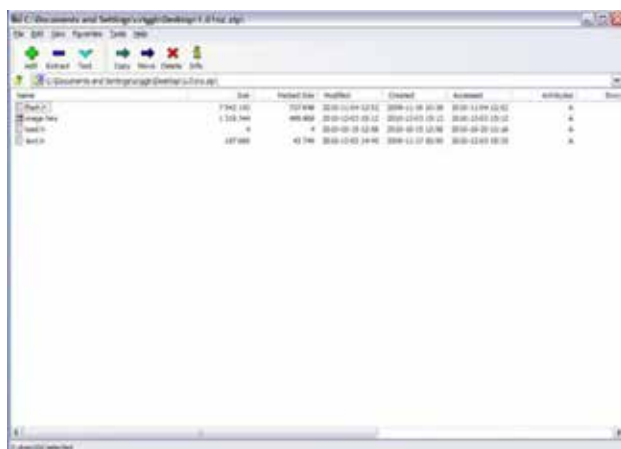## FOR USE WITH MODELS: TOUCH SCREEN COMMUNICATING CONTROL

adapter
(Fig.1)

This is a step by step guide to help you through the process of updating the software in your residential communicating control. It is very important for you to follow all the instructions fully or the software in the communicating control could be corrupted and may not operate correctly.

Updating your communicating control:

Step 1 : Save the zip folder to your computer.
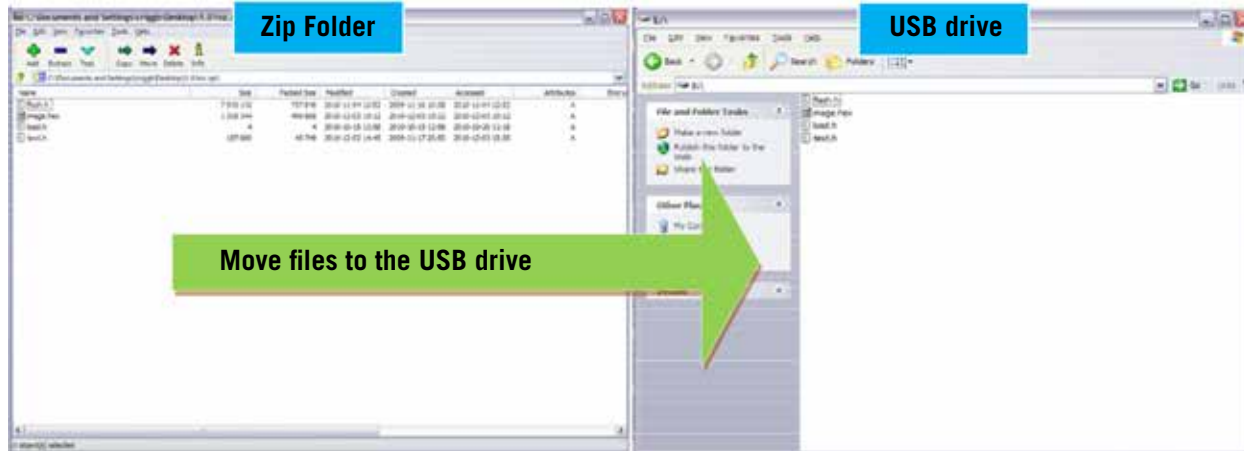
Step 2 : Double click to open the «1.01nz.zip» folder.

Step 3 : Insert the USB drive into the computer and drag/drop files from the zip folder to USB drive.
BE SURE THAT THE USB DRIVE IS EMPTY BEFORE COPYING THE FILES OVER.

Zip Folder

USB drive

Move files to the USB drive

Step 4 : Stop your USB so that you can safely remove your USB drive. An example of this process follows.

NOTE: THIS MAY DIFFER DEPENDING ON YOUR COMPUTER HARDWARE AND OPERATING SYSTEM, IF NEEDED CHECK WITH THE MANUFACTURER OF THE COMPUTER AND OPERATING SYSTEM AND FOLLOW THEIR RECOMMENDATIONS ON STOPPING A USB DRIVE BEFORE REMOVAL.)

Right click on the 📷 icon located in the systray, generally located in the lower right of your computer screen. Select safely remove hardware by left clicking the mouse. A popup may come up, if so select the USB drive with the software on it and select "Stop", "Ok" if prompted, and then "Close". It is now safe to remove the USB drive.

Step 5 : Plug the USB drive containing only the «flash.h», «image.hex», «load.h» and «text.h» from the «1.01nz.zip» folder into the communicating control by using the adapter (Fig.1) that is supplied with the communicating control.
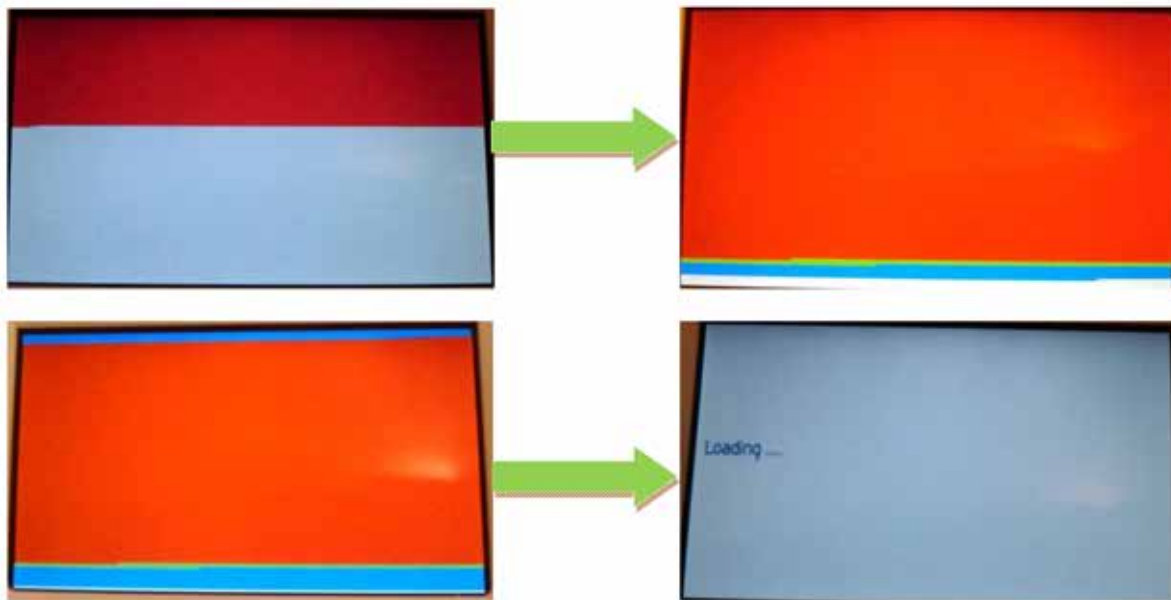
Step 6 : **OPTIONAL** At this point, if desired, it would be a good idea to export the settings from the installer side if you would like to keep the users previous communicating control settings. For import/export instructions see the installation manual that was provided with the communicating control.

Step 7 : Cycle power to the entire system. **IMPORTANT! BE SURE TO LEAVE THE USB DRIVE IN THE COMMUNICATING CONTROL DURING THIS ENTIRE PROCESS UNTIL DIRECTED TO REMOVE IT BY THESE INSTRUCTIONS.**

The screen will start to «paint» itself.

Step 8 : Let the software load completely until you see the "Detected .hex file!" screen. Once you see this screen press the "Cancel" button as you have already loaded the software.

Step 9 : **THIS STEP IS BYPASSED IF YOU DID NOT PREVIOUSLY SAVE YOUR SETTINGS.** The next screen if you had exported the communicating controls previous settings will be the "Detected .cfg file" screen. Once you see this screen press «Continue» button, depending on your system you may have to do this twice. If for some reason the communicating control does not load your previous settings you can go to the installer settings and import the settings that way. For import/export instructions see the installation manual that was provided with the communicating control.

Step 10 : At this point the communicating control should now go through the normal startup process as outlined in the installation manual that was provided with the communicating control.

Step 11 : You may now remove the USB drive, your communicating control has now been updated with the latest software.

NOTE: If you look at the files on the USB drive after this process you will notice that the "load.h" file is no longer on the drive. This is normal for the USB drive not to have the "load.h" file after this operation. If you update another communicating control with this USB drive it will completely load the currently installed software before showing the "Detected .hex file!" screen. Once this screen is present you can press the "Continue" button and the new software will be updated in the communicating control. If you would like to install it right away as we did at the beginning of these instructions, you may do so by adding the "load.h" file from the "1.01nz.zip" file back on the USB drive as previously described