**PCO3 Controller and Display Addressing Procedure:**

**To change PCO3controller address:**

**The PCO3 controller is located in the main electrical compartment accessible from the side door labeled “ELCETRICAL COMPARTMENT”. There is a controller on Side1 as well as Side 2.**

* Break power to the **PCO3** controller by pulling the plug from **J1**(terminals G & GO)
* Press and hold the **arrow up** and the **alarm** keys simultaneously
* While still holding in the keys, insert the power plug back into **J1.** The controller will display “loading” then “self-test please wait”.
* Once controller boots up it will display “pLan address” and the controllers current address. Use the **arrow keys** to change the address then press the **enter** key to save and exit.
* **Complete these steps for both Side 1 and Side 2**
* **Set side 1- (driver side)** controller address to **1**(address 1 is default setting)
* **Set side 2- (passenger side)** controller address to **2**(address 1 is default setting)

**To change remote display addresses:**

**The remote displays are located inside the trailer mounted to the wall. Side 1 display is labeled: DRIVERSIDE. Side 2 display is labeled: PASSENGER SIDE.**

**SIDE 1- the following steps must to be done with the units powered up.**

* Press and hold the **arrow up, enter,** and **arrow down** keys simultaneously on the display for **Side 1** unit. (the 3 buttons to the right of screen)
* After approximately 3 seconds it will display the following:

-”Display address setting”**……:32**(default setting)

-“I/O Board address:” **01**(default setting)

* Press the **enter** key once to move the cursor to “Display address setting”. (Each time the enter key is pressed the cursor will move to the next adjustable setting.)
* Change the “display address setting” to **32** as needed using the **arrow keys**.
* Press the **enter** key again to move the cursor to the “I/O Board address”.
* Change the “I/O Board address” to **01** as needed.
* Press **enter** key. It will then display “Terminal config Press enter to continue”.
* Press **enter** key.
* It will then display the address for TRM1( Terminal 1) with the cursor flashing on the current address. Set to 32 as needed.
* Press **enter** key
* The cursor will now be flashing on “Pr” (private). If it is not showing “Pr” press the **arrow up** key until “Pr” is displayed.
* Press the **enter** key 5 times until the cursor is flashing on “OK? No”
* Press the **arrow up** key 1 time changing the “No” to “Yes”
* Press the **enter** key.
* The screen will go blank for approximately 3 seconds then display the same screen as the main PCO3 controller in the electrical compartment of Side 1 unit.
* Press the **arrow up** key until the screen displays “Northern Air Systems”. Be sure the bottom line displays “**U1**”.
* If “**U1**” is displayed at the bottom of this screen, addressing is complete.
* If the display shows “NO LINK” the addressing was unsuccessful. Repeat the procedure for side 1.

**SIDE 2- the following steps must to be done with the units powered up.**

* Press and hold the **arrow up, enter,** and **arrow down** keys simultaneously on the display for Side 2 unit. (the 3 buttons to the right of screen)
* After approximately 3 seconds it will display the following:

-“Display address setting”……:**32**(default setting)

-“I/O Board address”: **01**(default setting)

* Press the **enter** key once to move the cursor to “Display address setting”. (Each time the enter key is pressed the cursor will move to the next adjustable setting.)
* Using the **arrow** keys, change the display address setting to **31**. Press **enter** key.
* After changing the display address setting, the display will show “Display address changed”
* Press and hold the **arrow up, enter,** and **arrow down** keys simultaneously on the display for Side 2 unit. (the 3 buttons to the right of screen)
* After approximately 3 seconds it will display the following:

-“Display address setting”……:**31**

-“I/O Board address:” **01**(default setting)

* Press the **enter** key 2 times to move the cursor to the “I/O Board address”.
* Change the “I/O Board address” to **02** as needed.
* Press **enter** key. It will then display “Terminal config Press enter to continue”.
* Press **enter** key.
* It will then display the address for “TRM1” (Terminal 1) with the cursor flashing on the current address. Set “TRM1” to **31**.
* Press **enter** key
* The cursor will now be flashing on “Pr” (private). If it is not showing “Pr” press the **arrow up** key until “Pr” is displayed.
* Press the **enter** key 5 times until the cursor is flashing on “OK? No”
* Press the **arrow up** key 1 time changing the “No” to “Yes”
* Press the **enter** key.
* The screen will go blank for approximately 3 seconds then display the same screen as the main controller in the electrical compartment of Side 2 unit.
* Press the **arrow up** key until the screen displays “Northern Air Systems”. Be sure the bottom line displays “**U2**”.
* If “**U2**” is displayed at the bottom of this screen, addressing is complete.
* If the display shows “NO LINK” the addressing was unsuccessful. Repeat the procedure for side 2.