MegaTronXS Upgrade Instructions

MegaTronXS controllers are designed to allow for the field installation of additional different system, communication or 4-20mA cards. These instructions are designed to guide you through the process of adding cards to a MegaTronXS already installed.

Warning!   Unplug the controller from all incoming power before working on the controller!

Getting Started

The mother board is accessible by removing the 4 screws that hold the display panel in the box. Once removed the display can hang down over the lower section of the box.

Slot Identification

The card slots are used for different functions. Take care to install cards in the correct slot.

Card Installation

System and 4-20mA cards have an indicating LED on the outside wire connection edge. This LED should be towards the bottom section of the controller when installing. The Internet communications card is a "stacked" design with a smaller circuit board attached to a larger card. The larger card plugs into the mother board with the smaller board oriented on the right side of the card.

All cards slide into plastic card guides that may need to be gently forced open to allow the card to slip into the grooves of the card guide to hold them in place. The card should be pushed down into the motherboard until it firmly seats into the expansion header.

MegaTronXS Mother Board

Finishing Up

Once you have made your changes and have them securely plugged into the appropriate slot for the new unit configuration, you should make all card input connections according to the card diagrams found in the MegaTronXS manual.

Finally you will need to contact Advantage Controls customer service at 918-686-6211 to get access to the Factory Settings to activate the new features in the unit's firmware via the controller's keypad. Please have your new model number label and serial number as a reference. We recommend that you call us while standing in front of the unit.

Once the new features have been activated place the new model number label over the old one.
If your added card comes with just an option label place it next to the original label.