

MegaTron MT/XS Upgrade Instructions

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

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

Getting Started

Access the XS motherboard or MT carrier board behind the display of the units. Take care to not disconnect any of the ribbon cables.

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 communications card for the XS and the BMS card for the MT installs in the far-right slot.

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 and hold them in place. The card should be pushed down into the motherboard until it firmly seats into the expansion header.

Finishing Up

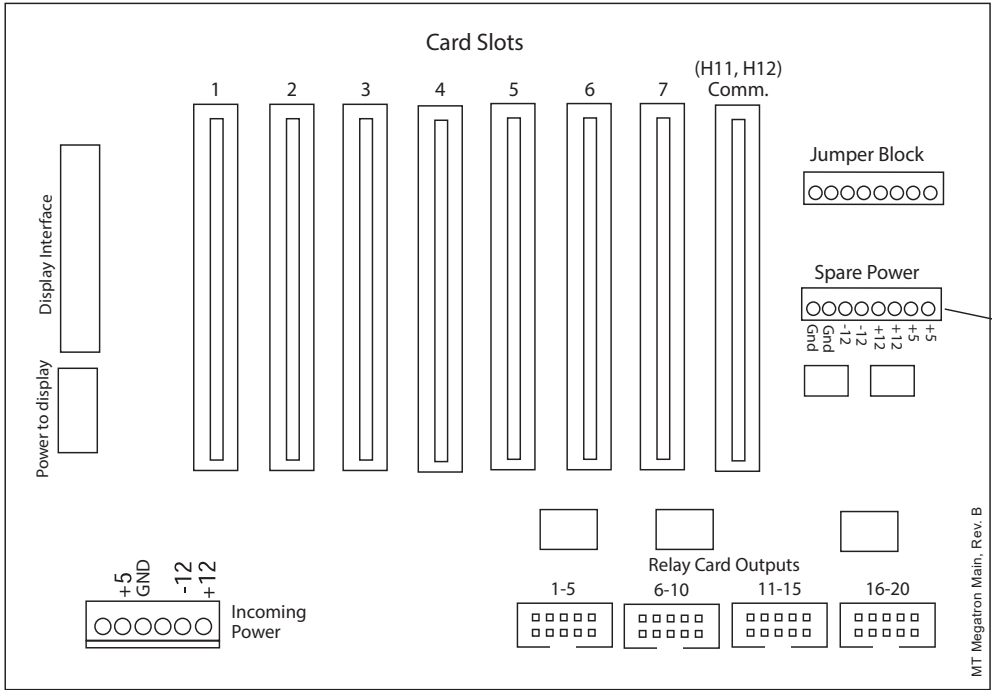
Once you have made your changes and have them securely plugged into the appropriate slot for the new unit configuration, you should make all card input connections according to the card diagrams found in the MegaTron MT/XS manual (see opposite page for more information).

Finally, you will need to contact Advantage Controls customer service at 918-686-6211 to get access to the Factory Settings, in order 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 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.

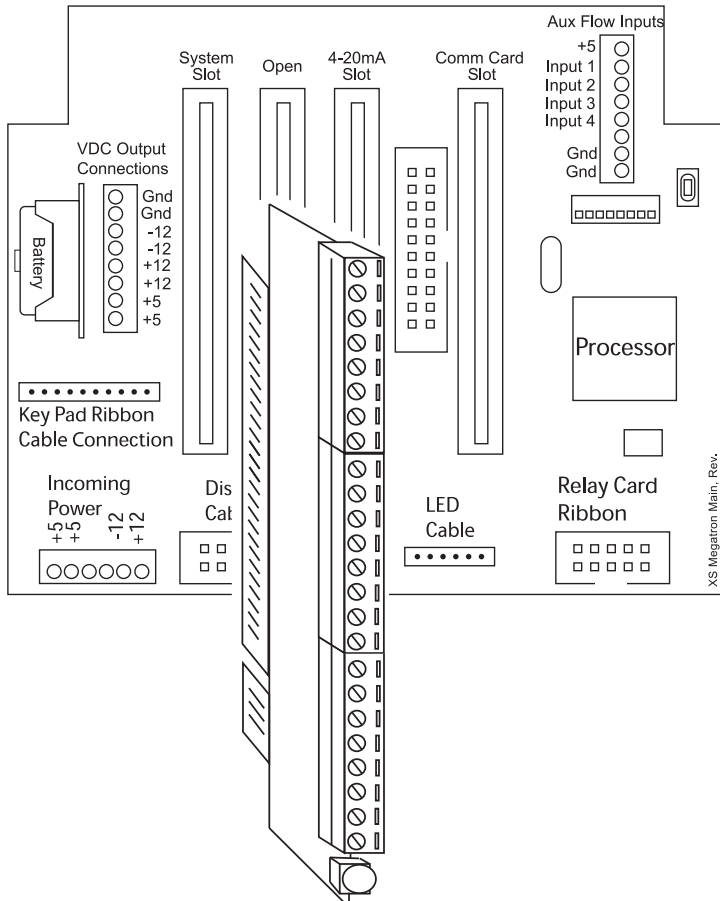
MegaTronMT Back Pane



MegaTron MT Manual



MegaTronXS Mother Board



For more information, use these QR codes to view the MegaTron controller manuals.

MegaTron XS Manual



Quick Step Instructions for 4-20 Input Programming



Instructions for XS pH-ORP Upgrade

