



MASTER-TROL PLUS

WATER SAVINGS

Are you tired of inmates wasting water?
MASTER-TROL® PLUS SAVES WATER and stops flooding in your facility.

What is Master-Trol® Plus? Master-Trol Plus is most commonly used in correctional applications to monitor and maintain control over water usage and to save water. Master-Trol Plus also prevents inmates from flooding correctional facilities and hiding contraband. **It can potentially reduce water usage by 68% or more.** Acorn Engineering Company's original Master-Trol system has provided a means of control and water savings for over 20 years. Now Acorn is introducing the Master-Trol Plus, a modern-day improvement on our original Master-Trol system.

IMPROVEMENTS TO THE MASTER-TROL SYSTEM INCLUDE:

1 CONTROLLERS

The new, modular design lets you size the controller to better fit the installation.

2 IP54 RATED ENCLOSURES

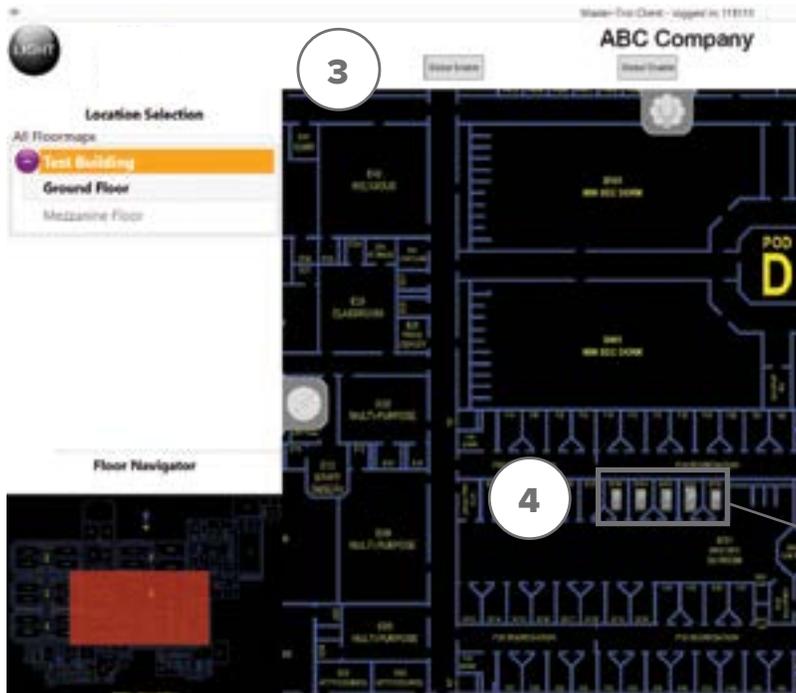
The IP rating specifies an enclosure's resistance to dust and water intrusion. To comply with the IP54 specification, third party testing was performed utilizing an oscillating fixture, or a spray nozzle for 10 minutes. Water splashing against the enclosure from any direction shall have no harmful effect.

BRANCH BOX MAINTENANCE CONTROL

See the valve status from the valve location just as you would on the controller. Also allows maintenance to have complete control from the plumbing chase.

POWER FAIL BYPASS MODE (PATENT 10,837,568)

This optional feature allows a facility to have all the control of an electronic water management system while retaining the ability to actuate valves manually in the event of a power outage without the need for batteries or personnel intervention.



3 OPTIONAL GRAPHICAL FLOOR PLAN VIEW

New graphical floor plan view for easier navigation.

4 GRAPHICAL FIXTURE/STATUS ICONS

Fixture icons that change with the status for easier identification.

TOUCHSCREEN INTERFACE

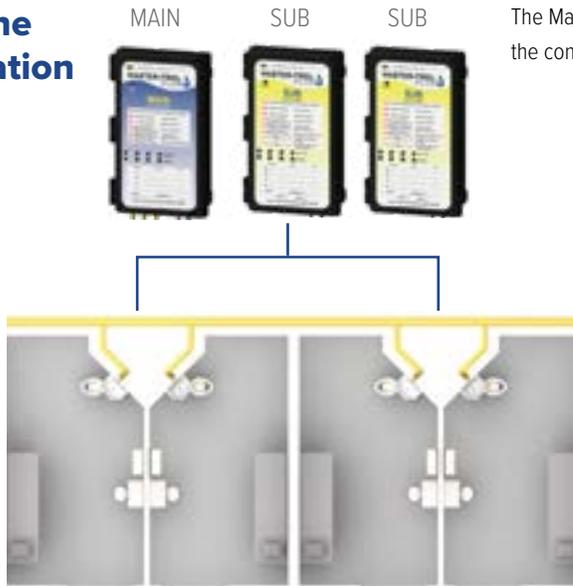
Graphical User Interface (GUI) designed for better touchscreen navigation.



TAKE CONTROL WITH MASTER-TROL PLUS

Master-Trol® Plus is an intelligent water management system that can provide facilities throughout the world with the tools to regain control of their plumbing systems. Master-Trol Plus utilizes electronic controllers to monitor and control flush, lavatory or shower valves to effectively manage and control water usage, allowing precise control of your water supply at the fixture. Master-Trol Plus makes it possible to limit water usage, change the run time of a valve, and remotely turn the water off. Master-Trol Plus is available in several configurations to provide control to multiple fixture types in any size facility.

Standalone Configuration



The Master-Trol Plus controllers can be installed in a standalone configuration, where the controllers operate independently with owner specified, pre-programmed settings.

Communicating Configuration

The controllers can be installed in a communicating configuration, where the controllers are linked together to a remote interface device, such as a desktop computer, a laptop, or a handheld device, allowing you to centralize control.

