

News Bulletin

Product Update



5/5/16

PRODUCT NAME: Universal II Monitor Control System

Part Number: 6032



Effective July 1st, 2016 the Universal II (UII) Monitor Control System will become the standard control system on all Akron Brass municipal electric monitors that currently use the Universal I. This means that the Universal I logic box will *only* be available for repair after July 1st. Monitors affected include the 3578 StreamMaster, 3598 StreamMaster XT, 3440 DeckMaster, 3463 Firefox, and 3580 Renegade. Orders of these monitors shipped after July 1st will have UII controllers.

PRODUCT DESCRIPTION

The Universal II includes standard J1939 CAN communications, more robust motor control, and advanced features. UII compatible CAN based control components including joysticks, toggle switch stations, tethers, and wireless interfaces must be used. (Similar UI controllers are not compatible.) Modular, connector based wire harnesses are also available to reduce installation time and startup issues. A complete software based diagnostic tool (AkroView) gives a visual display of all control system components and functions for quick, accurate troubleshooting.

AVAILABILITY

The Universal II monitor control system is currently available.

The Universal I and related components will still be available on new orders until July 1st 2016. After that date, new orders will ship with the new Universal II control system as standard. The UI logic box and components will only be available as repair parts for existing installations for 10 years or as long as components are available.

SPECIFICATION

The monitor control system shall be housed in an IP67 enclosure 8.66" (220mm) L x 4.72" (120mm)W x 3.19" (81mm)D. The monitor control system shall use Deutsch HD series multi-pin connectors, one 14 pin for connection to the monitor and one 29 pin for connection to the vehicle system. There shall be one sealed USB port connector provided for field updates and shall be USB 2.0 compliant. There shall be one pressure equalization vent port that will allow the interior pressure to match the exterior environmental pressure without allowing moisture inside the enclosure. All connectors and ports shall be on the same side of the control enclosure. The monitor control system shall be compatible with 10 to 32 Volt DC vehicle power systems and provide control outputs for up to five motors and inputs for up to three position sensors. The monitor control system shall be compatible with J1939 CAN, CAN Open, and VMUX communication protocols.