



## Wireless Remote Control Overview

# Handheld Wireless Remote Control for Akron Electric Monitors

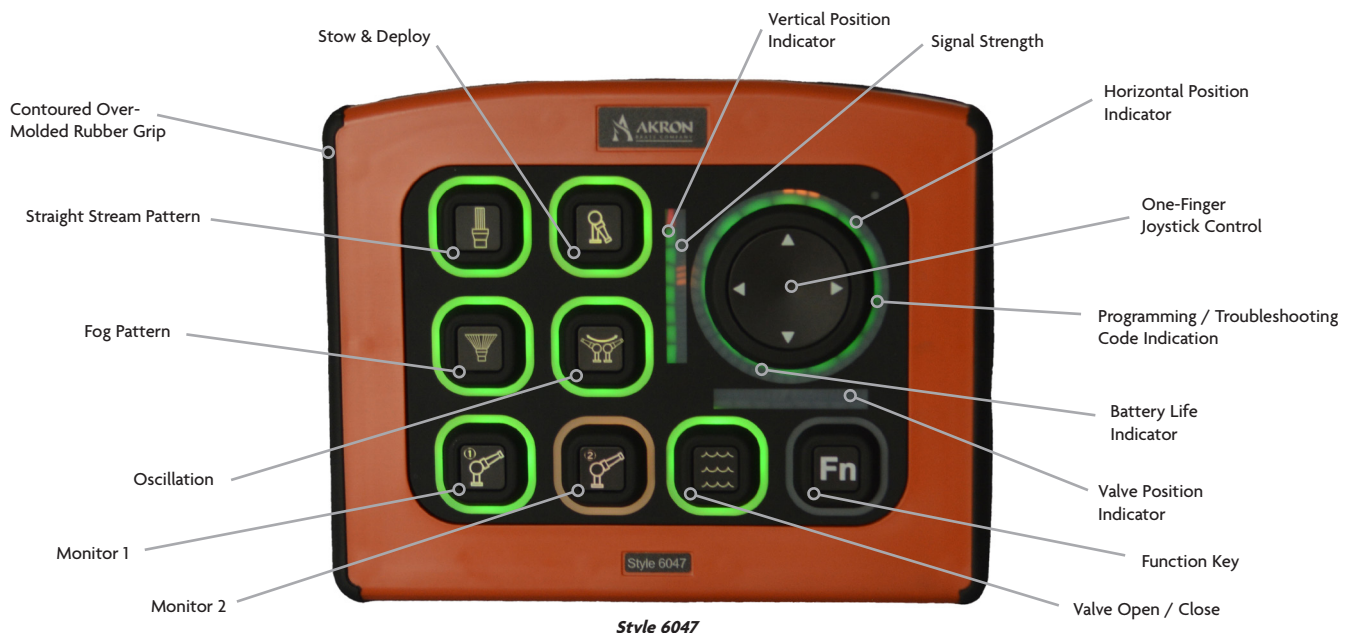
The all new Wireless Remote Control includes industry-leading functionality for greater control, flexibility and visibility on scene. Operate up to two monitors plus two valves from multiple positions around the truck while maintaining visual contact with your crew. If your monitor is equipped with position feedback, the 6047 WRC can display both the monitor and valve positions. The remote also features large buttons and slip-free rubber grips for ease in operating with gloved hands and is customizable using your phone or laptop.

The remote control is compatible with all standard Akron municipal electric monitors. The use of remotely operated monitors can bring added safety to the fireground.

### Advanced Features

- Control up to 2 monitors and 2 valves
- Monitor left, right, up, down, fog, stream
- Monitor stow, deploy, oscillation, speed control
- Valve discharge
- Position indication of both monitor and valve
- Easy to program & troubleshoot with LED code readouts
- Adjustable brightness of LED buttons and status indicators
- Ergonomic design with slip-free rubber grips
- Vivid, visual display for day or night operation
- At-a-glance get an accurate, reliable status of your monitor(s), valve(s) and controller
- Waterproof IP66 rated
- One-touch operation with gloved hands

*\* 50% more functionality over the previous model*



## Technical Specs

- Input Power Requirements: Two Akron Brass Batteries P/N 60470008
- Controller Power Consumption: Off Mode (5 mW), Idle Mode (125 mW), Operating Mode (1.5 W)
- Battery Life: 12 continuous hours per battery, or 24 hours total
- RF Radio
  - Output Power: 63mW (meets FCC part 15 requirement for license free operation)
  - Operating Frequency: 2.4 GHz or 900 MHz (see label for frequency)
  - FCC ID: MCQ-XBEE3 for 2.4 GHz, or MCQ-XB900HP for 900 MHz
  - Operational range: 300 feet (91.5 m) outside with clear line of sight – no obstacles
- Wi-Fi Radio
  - Output Power: 187mW
  - Operating Frequency: 2.4 – 2.5 GHz
  - FCC ID: 2AC7Z-ESPWROOM02U
  - Protocol 802.11 b/g/n
  - Operational range: 10 feet (3 m)
- Operating Temperature: -20°C to 60°C
- Storage Temperature: -10°C to 30°C (Batteries) -20°C to 60°C (Handheld)
- Ingress Protection: IP66 equivalent
- Dimensions: 6-11/32”L x 5”W x 2-3/8”H (161mm x 127mm x 60mm)
- Weight: 1 lb. or 1.5 lbs. with batteries (.45kg or .68kg with batteries)

## Part Numbers

A complete system consists of a handheld remote transceiver, mounting bracket and two rechargeable lithium-ion batteries. A lithium battery charger is also available.

60470002	Wireless Remote Control 2.4 GHz, bracket, 2 rechargeable batteries
60470003	Wireless Remote Control 900 MHz, bracket, 2 rechargeable batteries
60470011	Wireless Remote Control 900 MHz, bracket, 2 rechargeable batteries, charger
60470012	Wireless Remote Control 2.4 GHz, bracket, 2 rechargeable batteries, charger
60470010	Battery Charger for lithium-ion batteries (optional)
60470008	2-pack 26650 lithium-ion batteries (optional)

## How to Order

Accepting orders December 15, 2020 with shipping to begin January 2021. Contact your local Akron Distributor for more information.

## Specification

An Akron Brass Style 6047 Wireless Remote Control system shall be provided. For all-electric monitor applications, capable of operating one or two monitors up to 300-feet away maneuvering all operational positions of the monitor and nozzle plus stow, deploy, oscillation, and valve discharge. The Style 6047 will have customizable features through a web page that can be accessed with a Wi-Fi device, like LED brightness, monitor speed, and power usage. Retrofittable on any existing Akron Brass monitor using the current universal logic box design. The system shall consist of a handheld remote control and two 26650 lithium-ion rechargeable batteries.



## 6047 Wireless Remote Control FAQs

### *Introduction Questions*

#### **What is new with the 6047 remote?**

We totally redesigned the wireless remote from the ground up with a new body and hardware that features over-molded grips, easy access for changing batteries, backlit buttons and the ability to customize the remote using your phone or laptop; along with a host of new controls.

#### **What controls have been added?**

In addition to the standard up/down/left/right and stream/fog controls that were available on the old Style 3600, the new remote will stow and deploy the monitor and control oscillation. It also has the ability to control a valve connected to the monitor and even show the position of the monitor and valve. To top it off, it can do all of that for 2 monitors!

#### **With all those features, what kind of battery life does it have?**

With both batteries installed, you can expect 24 hours of continuous run time.

#### **What kind of batteries does it take?**

The new remote uses the new Akon Brass lithium-ion 26650 rechargeable batteries. (Part #60470008)

#### **Will the new remote work with my existing monitor/wireless receiver?**

Yes, although there are several things needed to take advantage of all the new features. 1) You will need to update the firmware in your wireless receiver. 2) The position indicator function requires a monitor with position feedback, just like our current hardware.

### *Operation Questions*

#### **How do I sync the remote with my monitor?**

With the monitor and remote powered up, press and hold the Monitor1 or Monitor2 button along with the Function (Fn) button for several seconds.

#### **I got it to sync, but the LEDs changed color and it isn't responding. What did I do?**

One of the new features is the ability to control 2 monitors. This is designated by whether the Monitor1 or Monitor2 button is lit up. The other buttons will be green for Monitor1 control and blue for Monitor2 control. Another possibility is that the monitor is stowed. In this state, only the monitor button and stow/deploy button will be illuminated, and the stow/deploy button will be red. Simply hold down the stow/deploy button to deploy the monitor.

#### **How do I get into the setup menu with this remote?**

With both the monitor and remote powered on, simply press and hold the Monitor1 or Monitor2 button along with the Straight Stream button for 4 seconds.

#### **How do I read setup codes or fault codes on the new remote?**

The circular LED ring will flash green when you are in setup mode and the 2-part code can be read by counting the yellow LEDs that are lit up at the bottom of the ring. Fault codes are read the same way, but the LED ring will be red when there is an active fault code. The presence of an error code or fault code will cause the monitor to behave differently.

#### **Why did the remote/monitor forget its stow and deploy settings?**

The system doesn't forget settings once they are programmed. Likely one of two things have happened. Either the settings were reprogrammed (by resetting factory defaults or overriding the existing setting), or there is an active fault code, which will temporarily disable stow and deploy until the fault has been addressed.

#### **How do I control a valve with this remote?**

First, you need to have a valve connected to the monitor and in the case of a CAN valve, have it properly assigned and calibrated. Once that is done you can press and hold the valve button to keep the valve open and release it to close, or double-tap the button to maintain it open and then tap it again to close it.