



TECH TIPS



JULY 2002

c.p. Allstar Corporation, 443 Boot Road, Downingtown, PA

THE **MVP** IS HERE!!!

To date over 9000 MVPs have been sold and the response to the product is quite good. As with all new products there is a learning curve that exists before one can be an expert in the product. The MVP is no exception. The technological advances of the MVP make the operator easier to install and more reliable after the installer has taken the time to learn the "tricks of the trade" so to speak. This newsletter addresses issues and answers questions about the MVP that we have heard from our customers.



ALWAYS REPLACE PUSHBUTTON WIRING

Old pushbutton wiring can be your biggest enemy in operator replacement installations. Old wiring will be at least seven years old and can be up to thirty years old. It can be oxidized which increases resistance or it could be broken causing intermittent problems that are extremely difficult to troubleshoot.

With the technology of today's operators, it is a good investment to run a new pushbutton wire.

WIRELESS KEYLESS ENTRY NOW AVAILABLE

The "Quik-Code" Wireless Keyless entry is now available. This keypad requires only the coding of the users PIN to program it and a one step process to teach the operator the keypad code. The keypad is capable of operating up to ten doors/operators.

The "Quik-Code" keypad is also reasonably priced as well.



VERSION 1.47 WALLSTATIONS COULD CAUSE PROBLEMS WITH HIGH LINE VOLTAGE

The original MVP Version 1.47 wallstations have shown some instability in high line voltage installations. This was due to an overvoltage protection circuit in these units. The instability problem can be remedied by removing diode DZ1 from the wallstation circuit or requesting a version 2.0 wallstation from Allstar customer service.



WHAT IS VERSION 1.47?

There are two versions of software for the MVP. The initial version supported the original style Allstar transmitters. This initial version is 1.47. When the MVP was released with the new MVP transmitters the software was changed and that is version 2.0.

A version 1.47 (part # 110780) board is available for use as a replacement board and also for use when an MVP is required in an installation that is already using Allstar, Pulsar, Heddolf or Original and Classic Allstar transmitters. When the version 1.47 board is installed in an MVP the above types of transmitters can be used, but the MVP transmitter cannot.

Also, if you need to add an operator where a version 1.47 was installed initially, you can update that board with a version 2.0 (part # 111068) to convert to the MVP transmitters.

The version 1.47 control board gives you the utmost in flexibility.



Don't forget to ask for your MVP T-shirts with your MVP order !!!

WHAT'S GOING ON IN THE BATTLE OF THE BELT AND CHAIN

The timing belt gathered a lot of interest by automotive engine designers 20 years ago. The Japanese were the first to drive their camshafts with these timing belts. Then other manufacturers followed suit. Some did not. Saturn, decided that they would not adopt a belt and utilized a chain in their initial entry to the automotive market. They continue this decision and advertise the advantages of the chain timing drive. Jaguar never gave in to the new technology.

Take a look at what auto manufacturers are bragging about today. "Chain Drive"! Subaru has changed from belt to chain, Porsche has made the switch back to chain, ...

Why has the automotive industry changed the trend. Because chain is a trouble free product. Have you ever seen a timing chain replacement as a scheduled maintenance on a car? All belt drives require scheduled replacement with potentially expensive consequences if you do not heed their recommendations.

What about noise? Several years ago when we developed the original PDQ (Super Quiet) operator, we did most of our noise testing from the space over the garage. Isn't this where most people want quiet? We found that the harmonic motor and drive train vibrations caused nearly all of the noise. Chain noise was not transmitted to the space over the garage.

How many people are worried about the noise in the garage? Everyone wants reliability.

Allstar is synonymous with reliable and durable. That is why we have continued to build the highest quality chain drive operators.

TRANSMITTER CODING? VISIT OUR WEBSITE

Our website www.allstarcorp.com has a short demonstration on the "Quik-Code" transmitter coding process. The presentation takes less than a minute and simplifies the coding process.

WHY DOES THE LIGHT BULB BLINK?

The MVP is designed to test the integrity of its own system when the unit is initially powered and every time the MVP reaches the close limit. The indication that the test is occurring is that the light turns off and if the system checks "Okay" the light comes back on. This is the reason that the light blinks at the end of the close cycle.

When you are installing an MVP, wait for the self check to complete and the light to blink before trying to run the operator.

MVP RADIO CONTROLS

The MVP radio controls were designed with top performance in mind. The development process had two goals; exceptional performance and good looks and proportions.

The two items that your customers touch every day are the transmitter and the wallstation. We have tried to make both of these items appear as high quality as the operator that is connected to them. I think you will agree that they accomplish that goal.

The good news is that we were able to also accomplish providing our customers with the best performing radio controls in the industry. Both our testing and feedback from our customers confirms that this system regularly delivers great performance.

There are always situations that challenge radio control performance, but with the MVP there are many fewer.



MVP REPLACEMENT PHOTOBAMS

You may have noticed that the photobeams that are being supplied with the MVP are grey and the ones that were being supplied with the 6000 series operators were black. There is more difference than just the color. The gray photobeams are not interchangeable with the black ones. Although the electronic circuitry is very much the same the method that the photobeam communicates with the operator is different.

Allstar is committed to continuing to sell the black photobeams for replacement purposes. Just remember that the black beams will not work with the MVP.