



# Setting up a Monitor Key

## Field Reference Guide

### 1. PREPARE THE MONITOR KEY

- Make sure the Monitor Key programming device is connected
- Confirm the software is using the correct serial port

### 2. DOWNLOAD OR OPEN THE SOFTWARE

- Download the Monitor Key Programming Tool if needed
- Open the software and confirm the device and key are connected

### 3. RUN THE PARAMETER SETUP WIZARD

- Use the Parameter Setup Wizard to configure basic settings
- Answer the wizard questions for key channel features

### 4. REVIEW CHANNEL AND FLASH SETTINGS

- Confirm used channels and turn off unused channels
- Set the minimum flash rate, with 16 seconds recommended

### 5. PROGRAM PERMISSIVES

- Set permissives based on the approved intersection operation
- Program additional permissives for channels 17 through 32

### 6. CONFIGURE SAFETY MONITORING

- Review signal, indication, and minimum timing settings
- Enable current monitoring on active channels for red fail flash

### 7. REVIEW FIELD CHECK AND SPECIAL SETTINGS

- Use field check to verify outputs match the field
- Review yellow disable, virtual channels, and FYA settings

### 8. CHECK, SAVE, AND INSTALL THE KEY

- Run Parameter Check and resolve warnings or errors
- Save, write, verify, and install the data key