



LIGHTING GOVERNORS DISPLAYS FLOWMETERS FOAM VDR/SEAT SAFETY INTERCOM VIDEO

MANUALS

The manuals listed on this page are organized by product line. Click here to jump to a section:

- [lighting](#)
- [governors](#)
- [displays](#)
- [flowmeters](#)
- [foam](#)
- [vdr/seat](#)
- [safety](#)
- [intercom](#)
- [video](#)

or scroll down the page.

PUBLISHED MANUALS

Click on the manual title to open the newest revision of the manual. Standard manuals include product description and specifications, installation, operation, calibration, and programming procedures. Lighting products have separate safety summary and installation sheets.

For older manuals refer to the Legacy Product Manuals listing found in the left column of this page.

A PDF reader is required to view all FRC manuals and instruction sheets.

governors

For use where remote engine control and monitoring is needed.

PBA400 991k

PUMPSOSS Pressure Governor and Display: Dual 600 psi pressure sensors, one for pump intake and one for pump discharge.

PBA200 966k

PUMPSOSS Pressure Governor and Display: Single 300 psi pressure sensor for pump discharge.

TGA300/TGA400 1.4M

INCONTROL Pressure Governor, Engine Monitoring, and Master Pressure Display

TCA100 1.1M

TOTAL CONTROL Pressure Governor, Engine Monitoring, and Master Pressure Display

TCA200 1.9M

TOTAL CONTROL Pressure Governor, Engine Monitoring, and Master Pressure Display

ELA200 817k

THROTTEXCEL Remote Engine Throttle, Monitoring, and Display Panel



[click for FoamPro](#)

Legacy Product Manuals

[Accessories](#)
[Application](#)
[Displays](#)
[Flowmeters](#)
[Governors](#)
[Lighting](#)
[PricebookWarrantyPage.pdf](#)
[VendorLetter_SafeFleet-150630.pdf](#)



Product Catalogs are available in PDF or by request mail on the contact FRC page.

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[Contact FRC](#)
[Manuals Page](#)
[Interactive Manuals](#)
[Product Change Notices](#)

ETA200 365k
INFINITY-S Remote Engine Throttle

ETA400 1.3M
INFINITYPRO Remote Engine Throttle

PRA300 1.2M
PRO T Pressure Governor, Engine Monitoring, and Master Pressure Display

FRA100 283k
FROG Generator Governor and Display

displays

For use with pumps, storage tanks, generators, and more.

WLA300/WLA400 3.6M
TANKVISION PRO Tank Indicator

WL400-SPEC 190k
Pressure/Vacuum Foam Tank Vent Specification

WL400-INSTALL 154k
Pressure/Vacuum Foam Tank Vent Installation

TPA600 349k
TACHP3 J1939/ISO11898 Multi-Function Digital Display

FDA700 490k
FROG-D 3P Three Phase Generator Display

FDA100 441k
FROG-D Generator Display

flowmeters

Flowmeters and pressure indicators specifically designed for use on fire apparatus.

FTC200 4.72M
DATATRON Portable Sampling Flow & Pressure Meter

FPA500 1.1M
INSIGHT PLUS Digital Pressure and Flow Indicator

FPA400 1.1M
INSIGHT ULTIMATE Digital Flowmeter and Electronic Pressure Indicator

DFA400 1.1M
INSIGHT Digital Flowmeter

FTA400 611k
INSIGHT Portable Flow Tester

FTA500 623k
INSIGHT Portable Flow and Pressure Tester

PDA400 472k
Traditional Style Electronic Pressure Indicator

foam

For use with pumps, storage tanks, and more.

TFC100 5.5M
TURBOFOAM Direct Injection Foam Proportioning System

FSB100 1.6M
AUTOFOAM SC Automatic Around-the-Pump Class B Foam System

MFA200 291k
MANUAL FOAM Operator Controlled Class A and/or B Foam System

seat monitor

The Seat Monitor and Data Acquisition System.

SBA1GD 2.2M

General Description: overall system information

SBA1HM 2.9M

Hardware Manual: hardware specifications, mounting instructions, and wiring

SBA1UG 1.7M

User Guide: HAWK software installation, set-up, and how to instructions for the data management software

SBA2DC 1.1k

Data Collector Manual: instructions on using the FRC portable data collector

safety

For the apparatus to promote a safer working environment.

WDA100 420k

WATCHDOG Compartment Door and Equipment Monitor

MSA100 1.7M

MANSAVER Bars Manual

MSA110 234k

MANSAVER Bar Sheet

MSA150 138k

MANSAVER Bar Cover Replacement

MSA600 84k

SAFETYGATE and Stanchion; Material Specifications and Illustrations

Intercom

Meet the demanding needs of rescue and fire service personnel for two or three-way communication.

ICA900 1.2M

ACT INTERCOM Communications Systems

ICA100, ICA200, ICA300, ICA400 291k

INTERCOM Interior and Exterior Communications Systems

Video

Video monitors, Camera Systems and Recording (Telematics) for the emergency and fire apparatus.

BCA100-200 2.7M

inView TrueSight Series Wired & Wireless Systems

inView 360 Fusion 5.3M

Installation Guide

inView 360 Fusion 8M

Calibration Guide

lighting

Apparatus lighting with multiple lamphead styles, mounting options, and bulbs including LEDs.

CLA100 CrestLight Series 729k

Installation Instruction: LED Low Profile.

LED100 FIRE FLY 277k

Installation Instruction: Compact 4-LED fixture.

LED200 SUN STRIP 266k

Installation Instruction: For compartments, panels, and under body applications.

LED300 WORKPRO 738k

Installation Instruction: Work lights for mobile applications.

The following are specific for FRC Spectra, Evolution, Optimum and Focus scene lighting products.

LED SAFETY SUMMARY and MAINTENANCE 237k

EVOLUTION and SPECTRA: Includes Safety, Cleaning, and DC Wire Gauge Information

SAFETY SUMMARY and MAINTENANCE 376k

OPTIMUM and FOCUS: Includes Bulb Replacement, Cleaning, and Wiring Information

RECESSED MOUNT Models 200, 210, 230, 250 588k

Installation Instruction

SPECTRA LED SURFACE MOUNT Model 260 327k

Installation Instruction

TELESCOPIC POLE LAMPHEAD 260k

Installation Instruction

TOP MOUNT TELESCOPIC POLE Models 510, 512 202k

Installation Instruction

SIDE MOUNT TELESCOPIC POLE Models 530, 540, 542 208k

Installation Instruction

PEDESTAL MOUNT Models 570, 580 199k

Installation Instruction

SPECTRA MAX-S POLE, LAMPHEAD AND MOUNTING BRACKET 329k

Installation Instruction

TRIPOD TELESCOPIC POLE Models 600, 642, 656 224k

Installation Instruction for Quick Release Bracket Sets

PORTABLE LIGHTING Model 700 250k

Installation Instructions for Hold Down and Demountable Options

BROW / AERIAL MOUNT Models 800, 850, 300 322k

Installation Instruction

BROW UNIVERSAL MOUNT Model 830 240k

Installation Instruction

LED SURFACE MOUNT Model 900 262k

Installation Instruction

LED SURFACE MOUNT Model 950 488k

Installation Instruction

LED SOBRITE 505k

Installation Instruction

LGT100 2.6M

GENERAL LIGHTING MANUAL: Covers Optimum, Focus, and NightMaster Lights. This manual includes the Safety Summary, Installation Instructions, Bulb Replacement and more for all standard FRC lampheads and mounts.

The following are specific for FRC Collins Dynamics scene lighting products.

COLLINS DYNAMICS HANDHELD SPOTLIGHTS HALOGEN/HID 423k

Installation Instruction/Safety Summary

COLLINS DYNAMICS FX SERIES SPOT/FLOOD LIGHTS 519k

Installation Instruction

COLLINS DYNAMICS FX SERIES SPOT/FLOOD LIGHTS 335k

Parts Breakdown

The following are specific sheets for FRC lighting options.

- **No-Scratch for 530 Telescopic Pole Installation** 211k
-NS Option: Installation No-Scratch Guide Colar and Rail on 530 Pole, Rubber Bumpers for Focus Lamhead
- **Raised Pole Warning Switch and Indicator** 258k
-SW Option: Overview, Description, and Parts List

The following are specific for FRC Magnafire, Kwik-Raze and Kwik-Strike scene lighting products.

- **MAGNAFIRE 3000 HALOGEN** 617k
Parts Breakdown
- **MAGNAFIRE 5000 HALOGEN** 597k
Parts Breakdown
- **MAGNAFIRE MODEL 700 PORTABLE MOUNT** 444k
Parts Breakdown
- **MAGNAFIRE MODEL 700 DEMOUNTABLE** 298k
Parts Breakdown
- **KWIK-RAZE KR-200 AND KR-300 POLE** 256k
Parts Breakdown
- **KWIK-RAZE MODEL SB400 THRU BODY PUSH-UP POLE** 256k
Parts Breakdown
- **KWIK-RAZE MODEL SB500 SIDE MOUNT PUSH-UP POLE** 244k
Parts Breakdown
- **KWIK-RAZE MODEL SB900 THRU BODY PULL UP POLE** 205k
Parts Breakdown
- **KWIK-RAZE MODEL SB1100 REMOTE SIDE MOUNT** 225k
Parts Breakdown
- **KWIK-RAZE MODEL SB600 FIXED TOP MOUNT** 228k
Parts Breakdown
- **KWIK-RAZE MODEL SB-600-W4P FIXED SIDE MOUNT** 284k
Parts Breakdown
- **KWIK-RAZE MODEL SB800 TRIPOD MOUNT** 443k
Parts Breakdown
- **KWIK-STRIKE HID 4035 SERIES** 546k
Parts Breakdown
- **KWIK-STRIKE HALOGEN SERIES** 552k
Parts Breakdown

Looking for information on the FRC interactive manuals.

FEMSA Personal Responsibility Code (PDF file)



The member companies of FEMSA that provide emergency response equipment and services want responders to know and understand this Personal Responsibility Code.

Reference/Data Sheets

- **Pole Mount Disassembly Instructions** 264k
This document provides instructions to remove the lamphead from the telescopic pole (only for use when shipping product to FRC for Service).
- **Technical Support Form** 48k
Service Information Form and Troubleshooting Guide
- **Governor Diagnostic Flow Chart** 79k
This document is intended to provide diagnostic assistance for troubleshooting FRC governors.
- **General Reference Information** 428k
Includes: Troubleshooting, FRC Products, Electrical Components, Conversion and Drilling Tables, much more.

- **Flow Sensor Frequency** 27k
Flow Sensor Frequency to Flow Rate Table
- **Flow Sensor Velocity** 14k
Flow Rate to Flow Velocity Table
- **Throttle Servo Motor** 44k
Throttle Servo Motor Dimensions
- **Resale** 12k
Resale Application - Form 9707a
- **Credit** 12k
Credit Application - Form 9707b
- **Vendor Routing** 212k
Routing Instructions
- **Warranty Policy** 22k
FRC Product Warranty/Service/Return Policy

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