



SOLE SOURCE DOCUMENTATION

Robotronics is the world's foremost promotional and educational robot and costume manufacturer. At the present, we have almost seven thousand robots and thousands of costumes in use around the world. Robotronics is considered the **Sole Source** manufacturer and distributor of the **Coastie the Safety Boat™** robots. We continue to be the leader in promotional and safety education robots and costumes based on sales and reputation. Our robots and costumes are distinctive because of their unique industrial-grade construction, microprocessor-based functionality, durability, and because they are easily recognized as realistic, life-like, attractive and friendly characters. No other similar products are manufactured or exist.

We currently hold exclusive licenses to produce the following:

- McGruff the Crime Dog™ and Scruff™ robots, costumes and puppets, licensed by the NCPC (National Crime Prevention Council)
- Sparky the Fire Dog® robots costumes and puppets, licensed by the NFPA (National Fire Protection Association)
- Smokey Bear™ robots and costumes, licensed by the USFS (USDA Forest Service)
- Eddie Eagle™ costume, licensed by the NRA (National Rifle Association, Eddie Eagle Gun Safety© Program)
- Daren the D.A.R.E. Lion robots, costumes and puppets, licensed by D.A.R.E. America

Our Robots Include the Following Features:

- 8-bit microprocessor-driven features, drive (see specs below for details) with all robots
- Custom-molded ABS high-impact body with steel drive base
- Industrial-drive composite geared aluminum motors, belt-drive w/industrial rubber tires, variable-speed
- Body and chassis are molded from red/white, and/or black high-impact ABS plastic
- Head turning, tipping by remote control (where applicable)
- 2-Way, studio-series VHF, UHF voice system included
- Whelen™ light bar included, all robots (where applicable)
- Working headlights, tail lights, box lights, flashers, and parking lights included
- 3-point safety belt included
- Siren included, all robots
- Steering wheel turning with drive direction included
- Eyes right, left, wink/blink features by remote-control included
- Head and Body of character made of high-impact ABS plastic
- Head turning feature provided by industrial motors
- Automatic mouth movement w/operator's voice included, all robots
- Industrial-grade eye and eyelid servos
- Custom-molded high-impact ABS fire helmet with visor included (when applicable)
- Printed educational materials (such as coloring books, stickers, certificates, bookmarks, book covers, etc.) available featuring various robotic characters
- Optional voice modifier available, all robots
- Optional Integrated MP3 Player, storage card w/sound effects available, all robots
- Stereo cassette player, or optional integrated MP3 Player w/10-watt amplifier, 40 watt/channel booster
- Water Squirter option available (squirts up to 20')
- 1-year warranty, w/lifetime telephone service included
- shipping/storage case included for controls
- 2 robot batteries, 2 RC batteries, custom-made transport cart and robot cover included with package

- RC battery charger and battery, robot battery charger and battery included

Technical Specifications:

- Size - 24" W x 34"H x 37" Long
- Weight - 85 lbs.
- Main Computer Control - 8 bit Micro-Controller on Main Board
- Molded Robot Body - ABS Plastic (various colors)
- Radio Control System - Controls Drive, Moving Eyelids, Eyes,
- Head, Cassette Tape, Siren and Light Bar; Mouth is in Synch w/Voice
- Chassis - ABS High-Impact Plastic Frame on Metal Drive Base

Radio Control System

- Frequency Band FM-Frequency Modulation - 75 MHz
- Power supply RC Battery - MAH 9.6V 1200mA
- Battery Charger RC Battery - Output 12V 130mA 12 hour charge)
- Battery Life RC Battery - 12 hours Typical

Full-Duplex Wireless Voice System

- Operating range 300' Typical
- Battery 9V Alkaline
- Battery Life 6-8 hours Typical

Stereo System

- Tape System Audio Cassette (Optional Integrated MP3 Player w/SD Card Available)
- Audio Booster Output Impedance, 4 to 8 ohms
- Output Power 20 Watts/Channel
- Speakers 4 Ohm 50 Watts

ROBOT BATTERY

- Volts/Ampere hour 12 Volts 35 AH
- Weight 13 lbs.
- Battery Life 6 hours Typical

DRIVE SYSTEM

- Industrial-Grade, Composite-Geared Electronic Motors
- Speed 165 RPM @ 12Volts (app. 2-3mph) Optional Super Motors 183 RPM @ 12Volts (app. 4-5 mph)