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# LED Lightbars

**8” LED Lightbar**
- **DUAL ROW**
- **Wattage:** 36W
- **Raw Lumens:** 2880lm
- **Lux @ 10M:** 215
- **Current Consumption @ 13.8V:** 1.9 amps
- **IP Rating:** IP68
- **Hole Dimensions:**
  - Bracket Turned In: 7.25”
  - Brackets Turned Out: 9.5”
  - **HE-MDR8**

**16.69”W x 4.8”H**

**14” LED Lightbar**
- **DUAL ROW**
- **Wattage:** 72W
- **Raw Lumens:** 5760lm
- **Lux @ 10M:** 466
- **Current Consumption @ 13.8V:** 3.7 amps
- **IP Rating:** IP68
- **Hole Dimensions:**
  - Bracket Turned In: 13.5”
  - Brackets Turned Out: 15.75”
  - **HE-MDR14**

**16.69”W x 4.8”H**

**14” LED Lightbar**
- **SINGLE ROW**
- **Wattage:** 60W
- **Raw Lumens:** 4800lm
- **Lux @ 10M:** 450
- **Current Consumption @ 13.8V:** 3.7 amps
- **IP Rating:** IP68
- **Hole Dimensions:**
  - Bracket Turned In: 13.5”
  - Brackets Turned Out: 15.75”
  - **HE-MSR14**

**16.69”W x 4.8”H**

**20” LED Lightbar**
- **DUAL ROW**
- **Wattage:** 108W
- **Raw Lumens:** 8640lm
- **Lux @ 10M:** 612
- **Current Consumption @ 13.8V:** 5.7 amps
- **IP Rating:** IP68
- **Hole Dimensions:**
  - Bracket Turned In: 19.5”
  - Brackets Turned Out: 21.75”
  - **HE-MDR20**

**24.72”W x 4.8”H**

---

**INPUT VOLTAGE:** 10-30V DC

**COLOR TEMPERATURE:** 6000K

**BEAM PATTERN COMBO:** Flood 90° and Spot 8°

**HOUSING MATERIAL:** Die-cast Aluminum

**COLOR:** White coating with UV

**MEMBRANE:** Gore

**LENS MATERIAL:** PC

**MOUNTING BOLT DRILL:** 0.25”

**MOUNTING BRACKET:** Die-cast Aluminum

**HEIGHT OF LIGHT BAR:** 3”

**DEPTH OF LIGHT BAR:** 3.5”

**ELECTRONICS:** Integrated-Epoxy Encapsulated

**HARDWARE:** Stainless 316

**OPERATING TEMPERATURE:** -40°F to +140°F

**PROTECTION:** Reverse polarity
**30” LED LIGHTBAR**
**DUAL ROW**
- Wattage: 180W
- Raw Lumens: 14400lm
- Lux @ 10M: 625
- Current Consumption @ 13.8V: 9.5 amps
- IP Rating: IP67
- Hole Dimensions:
  - Bracket Turned In: 31”
  - Brackets Turned Out: 33.5”

**HE-MDRC30**

**42” LED LIGHTBAR**
**DUAL ROW**
- Wattage: 240W
- Raw Lumens: 19200lm
- Lux @ 10M: 780
- Current Consumption @ 13.8V: 12 amps
- IP Rating: IP67
- Hole Dimensions:
  - Bracket Turned In: 41”
  - Brackets Turned Out: 43.5”

**HE-MDRC42**

**ADDITIONAL ACCESSORIES**

**UNIVERSAL LIGHTBAR BRACKETS**
- 8”, 22” and 32” sizes

**INPUT VOLTAGE:** 10-30V DC
**COLOR TEMPERATURE:** 6000K
**BEAM PATTERN COMBO:** Flood 90° and Spot 8°
**HOUSING MATERIAL:** Die-cast Aluminum
**COLOR:** White coating with UV
**MEMBRANE:** Gore
**LENS MATERIAL:** PC
**MOUNTING BOLT DRILL:** 0.25”
**MOUNTING BRACKET:** Die-cast Aluminum
**HEIGHT OF LIGHT BAR:** 3”
**DEPTH OF LIGHT BAR:** 3.5”
**ELECTRONICS:** Integrated-Epoxy Encapsulated
**HARDWARE:** Stainless 316
**OPERATING TEMPERATURE:** -40°F to +140°F
**PROTECTION:** Reverse polarity

**34.88”W x 4.8”H**

**44.76”W x 4.8”H**
**CUBE LED LIGHTS**

**2” CUBE LIGHT**
- **1 LED**
  - Wattage: 10W
  - Raw Lumens: 600lm
  - Lux @ 10M: 12
  - Current Consumption @ 13.8V: 0.7 amps
  - IP Rating: IP68
  - Beam Pattern: Flood 40°
  - Mounting Bracket: Stainless steel
  - **HE-MCL1**

**3” CUBE LIGHT**
- **4 LED**
  - Wattage: 12W
  - Raw Lumens: 960lm
  - Lux @ 10M: 17
  - Current Consumption @ 13.8V: 0.9 amps
  - IP Rating: IP68
  - Beam Pattern: Flood 90°
  - Mounting Bracket: Stainless steel
  - **HE-MCL2** Single light
  - **HE-MCL22PK** 2 light pack
  - **HE-DLWH1** dual light wiring harness included with 2 pack

**3” CUBE LIGHT**
- **6 LED**
  - Wattage: 18W
  - Raw Lumens: 1440lm
  - Lux @ 10M: 18
  - Current Consumption @ 13.8V: 1.2 amps
  - IP Rating: IP68
  - Beam Pattern: Flood 90°
  - Mounting Bracket: Stainless steel
  - **HE-MCL3** Single light
  - **HE-MCL32PK** 2 light pair

**ACCENT CAPS**
Customize your lights with included color accent caps!

**ACCESSORIES INCLUDED**
- **PIGTAIL** Included with all marine high output cube LED lights

**ADDITIONAL ACCESSORIES**

**CUBE PROTECTIVE LENS COVERS**
- Polycarbonate protective lens
- Use with 3 inch cube lights

**HE-CLLA** Amber
**HE-CLLBK** Black
**HE-CLLC** Clear
**HE-CLLR** Red
**HE-CLLG** Green
**HE-CLLBL** Blue

**ROLL BAR MOUNTS**
- Powder coated black
- Rubber insert

**MPS-C02 3”**
**MPS-C04 2”**
**MPS-C03 1.5”**
FLUSH MOUNT CUBE LED LIGHTS

3” FLUSH MOUNT CUBE LIGHT
4 LED
- Wattage: 12W
- Raw Lumens: 960lm
- Lux @ 10M: 17
- Current Consumption @ 13.8V: 0.9 amps
- IP Rating: IP68
- Beam Pattern: Flood 90°
- Mounting Bracket: Flush mount

HE-MFMCL2
Includes gasket and cut out template

3” FLUSH MOUNT CUBE LIGHT
6 LED
- Wattage: 18W
- Raw Lumens: 1440lm
- Lux @ 10M: 18
- Current Consumption @ 13.8V: 1.2 amps
- IP Rating: IP68
- Beam Pattern: Flood 90°
- Mounting Bracket: Flush mount

HE-MFMCL3
Includes gasket and cut out template

ACCESSORIES INCLUDED
GASKETS AND SCREWS
- Included with all flush mount cube LED lights

HYBRID SYSTEM
THE BEST OF BOTH WORLD'S
Intense spotlights in the center flanked by wide-beam driving lights on each side give you everything in one lightbar

INPUT VOLTAGE: 10-30V DC
COLOR TEMPERATURE: 6000K
HOUSING MATERIAL: Die-cast Aluminum
COLOR: White coating with UV
LENS MATERIAL: PC
ELECTRONICS: Integrated-Epoxy Encapsulated
HARDWARE: Stainless 316
OPERATING TEMPERATURE: -40°F to +140°F
PROTECTION: Reverse polarity
**NEW**

90W UNDERWATER TRANSOM LIGHT
BLUE
• (30) 3-watt LEDs

ML-BLU90W

---

**NEW**

24W UNDERWATER TRANSOM LIGHT
RGBW
• (6) 4-watt LEDs
• 5-wire RGBW

ML-RGBW24W

---

**NEW**

27W UNDERWATER TRANSOM LIGHT
RGB
• (9) 3-watt LEDs
• 4-wire RGB

ML-RGB27W

---

**INPUT VOLTAGE:** 10-30V DC  
**HOUSING MATERIAL:** Stainless steel 316  
**MOUNT:** Surface
**NEW**

27W UNDERWATER TRANSOM LIGHT
WHITE OR BLUE
- (9) 3-watt LEDs

ML-WHT27W White
ML-BLU27W Blue

**NEW**

72W UNDERWATER TRANSOM LIGHT
RGBW
- (6) 12-watt LEDs
- 5-wire RGBW

ML-RGBW72W

**NEW**

54W UNDERWATER TRANSOM LIGHT
RGB
- (6) 9-watt LEDs
- 4-wire RGB

ML-RGB54W

**INPUT VOLTAGE:** 10-30V DC  
**HOUSING MATERIAL:** Stainless steel 316  
**MOUNT:** Surface
**NEW** | ★ ★
---|---
30W UNDERWATER TRANSOM LIGHT
WHITE OR BLUE
- (6) 5-watt LEDs
ML-WHT30W White
ML-BLU30W Blue

**NEW** | ★ ★
---|---
15W UNDERWATER TRANSOM LIGHT
RGB
- (3) 5-watt LEDs
- 4-wire RGB
ML-RGB15W

**NEW** | ★ ★
---|---
15W UNDERWATER TRANSOM LIGHT
WHITE OR BLUE
- (3) 5-watt LEDs
ML-WHT15W White
ML-BLU15W Blue

**INPUT VOLTAGE:** 10-30V DC  
**HOUSING MATERIAL:** Stainless steel 316  
**MOUNT:** Surface
**NEW**

**9W SMALL DRAIN PLUG LIGHT**
RGB
- (3) 3-watt LEDs
- 4-wire RGB
ML-DLRGB9W

**NEW**

**9W SMALL DRAIN PLUG LIGHT**
WHITE, BLUE OR GREEN
- (3) 3-watt LEDs
ML-DLWHT9W White
ML-DLBLU9W Blue
ML-DLGRN9W Green

**NEW**

**27W LARGE DRAIN PLUG LIGHT**
RGB
- (9) 3-watt LEDs
- 4-wire RGB
ML-DLRGB27W

**INPUT VOLTAGE:** 10-30V DC

**HOUSING MATERIAL:** Brass or 316 stainless steel

**MOUNT:** 1/2” NPT threads no drilling required
RGB ACCENT LIGHTS

NEW

8 GANG SWITCH PANEL
This 8-gauge switch panel system allows you to control 8 auxiliary LED lights or electrical devices. You can now customize your switch panel according to your needs with 50 switch stickers, blue LED lights for back lighting and multi-position installation (2 Brackets for panel, 1 Bracket for control box, 60 amp circuit breaker and 7-gauge tinned copper battery cables).

HE-SWP8

FEATURES
• 8 gang switch panel
• Control box with cover
• Selectable switch operation; latching or momentary
• 50 switch labels
• 60 amp resettable circuit breaker
• 6 extra fuses
• Power harness
• Battery cables
• 2 switch panel brackets
• 1 control box bracket
• Mounting hardware, screws and zip tie included

specs
• Input Voltage: 12V
• Power Handling: 600W
• Maximum Current: 60A
• Panel Material: Die-Cast Aluminum
• Control Box Material: Die-Cast Aluminum
• Control Box Cover: ABS Plastic
• Operating Temperature: - 40° F to 221° F
• Panel Size: 4.53”x 0.59”x 2.60”
• Circuit Box Size: 7.48”x1.34”x4.13”

ACCENT LIGHTS KIT
3 LED • 8 PODS • 1.5”X3”
• LEDs: (3) 3-watt each (9W)
• Raw Lumens: 720lm

The HE-8MLRGBK is a complete kit to light up your boat. (8) HE-MLRGB RGB accent lights and the HE-CBRGB control box will give you accent lighting where you want it.

HE-8MLRGBK

ACCENT LIGHTS KIT
3 LED • 4 PODS • 1.5”X3”
• LEDs: (3) 3-watt each (9W)
• Raw Lumens: 720lm

Designed as a starter kit this allows you get the RGB lights in your boat without breaking the bank but also allows you add up to four more HE-MLRGB lights.

HE-4MLRGBK

HEISE RGB APP
APP FOR ANDROID AND IOS:
This app allows endless color choices and even allows you to store your custom made colors. Preset flash Patterns, light flashing to your music in your library, even have the lights turn on and off at selected times.
INTERIOR CABIN LIGHT

RGB ACCENT LIGHT
3 LED • RGB POD • 1.5”X3”
• LEDs: (3) 3-watt each (9W)
HE-ML1RGB

ACCENT LIGHTING PODS

RGB LEDS

NEW
INTERIOR CABIN LIGHT
WITH SWITCH
• (24) 3-watt LEDs
• Voltage 10-30V DC
• Aluminum housing
• Surface mount
ML-CLWHT White
ML-CLBLU Blue

INPUT VOLTAGE: 10-30V DC
BEAM PATTERN: Flood 120°
HOUSING MATERIAL:
White Die-cast Aluminum
COLOR: White coating with UV
LENS MATERIAL: PC
MOUNTING: Surface
HARDWARE: Stainless steel 316
OPERATING TEMPERATURE:
-40°F to +140°F
IP RATING: IP68

NEW
INTERIOR CABIN LIGHT WITH SWITCH
• (24) 3-watt LEDs
• Voltage 10-30V DC
• Aluminum housing
• Surface mount
ML-CLWHT White
ML-CLBLU Blue

RGB ACCENT LIGHT
3 LED • RGB POD • 1.5”X3”
• LEDs: (3) 3-watt each (9W)
HE-ML1RGB

ACCENT LIGHT
3 LED • RGB POD • 1.5”X3”
• Raw Lumens: White: 1200lm / Color: 720lm
HE-ML1

ADDITIONAL ACCESSORIES
ACCENT LIGHTING COVER
The light cover is for use with the HE-4MLRGBK, HE-8MLRGBK, HE-ML1RGB
HE-ML1DIV

HE-ML1R Red
HE-ML1A Amber
HE-ML1B Blue
HE-ML1G Green

METRAMARINE.COM | 386.257.2956
## Accent Lights Accessories

### Accent Lighting Cover
- The light cover is for use with the HE-4MLRGBK, HE-8MLRGBK, HE-ML1RGB

**HE-ML1DIV**

### Mounting Base
- The angled base is for use with the HE-ML1, HE-ML1A, HE-ML1B, HE-ML1G, HE-ML1R

**HE-ARB1**

### Control Box
- Control box for RGB lights
- Water-resistant control box
- Control box can be mounted in the engine compartment

**HE-CBRGB**

### Dual Row with Magnetic Base
- **6 LED**
  - Wattage: 60W
  - Raw Lumens: 726lm
  - Lux @ 10M: 28.5
  - Beam Pattern: 60° Flood
  - Input voltage: 10-28V DC
  - Color temperature: 6000K

**HE-PL1**

### Work Light
- **33 LED**
  - Wattage: 60W
  - Raw Lumens: 726lm
  - Lux @ 10M: 0.1
  - Beam Pattern: 120° Flood
  - Current Consumption @ 13.8V: .3 amps
  - Lens design: Unique waffle

**HE-WL1**

### Extension Cable
- **10 Foot**
  - The extension cable was designed to add an additional 10 feet of length to the accent pods which are already equipped with a 10 foot cable

**HE-EXTRGB**

### Camera Bracket
- **3.5 Inch**
  - Can be attach to the BDR, DR or the SR series light bars
  - Bracket accommodates most action cameras with the slide-to-lock mounting base.
  - Color: Black
  - Cover Material: Polycarbonate

**HE-ACB**

### Pigtail Adapter RGB Accent Pods
- This cable is designed to wire the RGB accent pods into any 4-wire positive anode RGB controller like the Heise HE-RGBC-1, HE-RGBSAC-1, HE-WFRGBC-1, and HE-RFRGBC-1

**HE-PTRGB**

### Control Box 8 Output
- Control box for RGB lights
- Water-resistant control box
- Control box can be mounted in the engine compartment

### Camera Bracket 3.5 Inch
- Can be attach to the BDR, DR or the SR series light bars
- Bracket accommodates most action cameras with the slide-to-lock mounting base.
- Color: Black
- Cover Material: Polycarbonate

### RGB Accent Pods
- **120° Flood**
  - Wattage: 60W
  - Raw Lumens: 726lm
  - Lux @ 10M: 0.1
  - Beam Pattern: 120° Flood
  - Current Consumption @ 13.8V: .3 amps
  - Lens design: Unique waffle

**HE-ML1**

### Control Box 8 Output
- Control box for RGB lights
- Water-resistant control box
- Control box can be mounted in the engine compartment

**HE-CBRGB**

### Y” Adapter Harness Kit
- Allows two lightbars, driving lights, or work lights 240W or less

**HE-EYHK**
LED STRIP LIGHTS

RGB STRIP LED LIGHT KIT
5 METER 5050 RGB LEDS
• 5 meters (16.4ft) RGB 5050 LED strip
• 5050 SMD LEDs at 60 LEDs per meter
• One 24-key IR remote & RGB controller
• 3 amp power supply
• IP65 water-resistant covering
H-RGB5MRK2

IP68 5050 LED STRIP LIGHTS
5 METER ROLL
• Water-resistant covering
• 3M double-sided tape provides a strong bond
• 120° viewing angle
• LED strips can be cut at every 3rd LED
• 5 meter strip only draws 4.5 amps of current
• IP68 rated waterproof light strip
• Mounts with brackets (included) instead of tape for secure mounting
• Anti-static packaging

ALUMINUM TRACK
FOR STRIP LED LIGHTS
3 FOOT SILVER ANODIZED
• Aluminum surface and flush mount track available in both clear and frosted covers for use with LED strip lights
• Provides decorative look and secure place to attach your LED strip lights
• Flush mount requires a 5/8” wide 1/4” deep opening
• Hardware included
NEW

DANCING LED RGB WHIPS
4 FOOT • SMART PHONE CONTROLLED
• 147 LEDs/60 per meter/3 amps
• IPX5 Rating
MPS-CRGBWHIP4

• Mount on any boat or off-road vehicle: ATVs/UTVs, Jeeps, trucks, etc
• Easy to install/uninstall with quick release mounting base
• Included orange flag and clips for safety

NEW

DANCING LED RGB WHIPS
6 FOOT • SMART PHONE CONTROLLED
• 227 LEDs/60 per meter/4 amps
• IPX5 Rating
MPS-CRGBWHIP6

INPUT VOLTAGE: 9-16V DC
LED LIFE: 50,000 hours
BASE: Aluminum, black anodized, quick release design
RF REMOTE: Included

WHIP MOUNT
DESIGNED TO WORK WITH ROLL CAGES
• Comes with 1.5", 1.75", 1.875" & 2" rubber inserts
• Milled aluminum
• Powder coated gloss black
• Adjusts to fit most angles
MPS-WHIPM
MARINE RADIO HOUSING
PRE-WIRED SURFACE MOUNT
• White molded UV-resistant polycarbonate
• Smoke tinted door - spring-loaded with retention hinge
• Pre-wired for easy installation
• Stainless steel mounting hardware included
• Housing only - radio not included
99-9006

MARINE RADIO COVER
TRANSPARENT SMOKE TINTED DOOR
• Black or white finished base
• Magnetic latch - No push buttons to break or stick
• Magnetic seal held in place with 3M adhesive
• Retention hinged so the door will stay open
• No other marine cover uses this style of hinge
• Universal design accommodates most DIN head units
• High-temp and UV resistant polycarbonate construction
• Stainless steel mounting hardware included
99-9003W White base
99-9003B Black base

MARINE RADIO COVER
TRANSPARENT SMOKE TINTED DOOR
• Black or white finished base
• Positive sprint-loaded retention lock
• Longer life, heavy-duty, low-friction hinges
• Dual spring support while cover is open
• Accu-view tinted cover
99-9005 White base
99-9005B Black base

MARINE AMPLIFIED GLASS MOUNT ANTENNA
• Deluxe high performance windshield or glass mount amplified antenna
• Mount on windshield behind mirror or on fixed side/back windows - 14-9/16” (37cm) width
• Gain FM - 10db/12db, AM -5db/2db
• 95” cable
44-MAUA200

WHITE MARINE RUBBER ANTENNA
• Side/top mount for 1” (25mm) hole split ball
• 14” (36cm) removable white conductive rubber mast
• 54” (137cm) cable
44-MAUSO7R
OVERHEAD CONSOLES

OVERHEAD CONSOLE
SINGLE-DIN | UNIVERSAL
• Easy install
• Automotive/marine grade ABS with UV
• Single-DIN opening or without for customized gauge mount
• Water-resistant
• Accommodates one radio device and two speakers
• Paintable for custom install
• OH-DIN01 has Single-DIN radio cut out

OH-UNI01/OH-DIN01

OVERHEAD CONSOLE
SINGLE-DIN AND DOUBLE-DIN | UNIVERSAL
• Made from durable ABS plastic
• 2 speaker cutouts for 6.5”-6.75” speakers
• Single and Double-DIN radio templates included
• Will accommodate: Single-DIN radios/Double-DIN radios, marine media units, Bluetooth® receivers, gauges, dome lights, switches, etc.
• Mounting hardware included

OH-UNI02

BLUETOOTH® AUDIO RECEIVERS

AUDIO RECEIVER
BLUETOOTH® MODULE NO DISPLAY
• Remote turn on comes on when streaming media
• Water-resistant
• Upgrade existing non-Bluetooth® radio
• Automatically reconnects with the last Bluetooth® device
• RCA output

IBR64

AUDIO RECEIVER
FLUSH MOUNT DISPLAY BLUETOOTH® MODULE
• 1-1/8” mounting hole required
• Water-resistant, AUX input
• Remote turn on comes on when streaming media
• Independent volume and track controls

IBR65
NEW

WATER-RESISTANT BLUETOOTH® SPEAKER
UNIVERSAL
• Blue LED back-lit control panel 3”x2”, with IP66 water-resistant rating
• Built-in FM radio tuner, with auto search and save
• USB input to play MP3/WMA/WAV music with 1 amp device charging
• Pair of 3” water-resistant speakers included, peak stereo output power: 2x20W
• Suitable for DC 12V

MPS-SBSMP3

VOLTMETER
DIGITAL
• Snap-in panel with 3.5/USB/voltmeter
• Provides 2.1 amp 5V charging
• 3.5mm is pass-through

MPS-35USBV
**SILICONE SPEAKER BAFFLES**
2 PIECE SILICONE BAFFLE KIT

<table>
<thead>
<tr>
<th>Size</th>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>Pkg/pair 6.5”</td>
<td>IBSBF65</td>
<td>2 piece silicone baffle kit</td>
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<tr>
<td>Pkg/pair 5.25”</td>
<td>IBSBF525</td>
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<tr>
<td>Bulk/pair 6x9”</td>
<td>IBSBF69-B</td>
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<tr>
<td>Pkg/pair 6x9”</td>
<td>IBSBF69</td>
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<tr>
<td>Pkg/pair 6x9”</td>
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**MESH SNAP ON GRILLE WITH PLASTIC RING**

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<th>Size</th>
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<tbody>
<tr>
<td>4” metal mesh</td>
<td>SMG4</td>
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<tr>
<td>5.25” metal mesh</td>
<td>SMG525</td>
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<tr>
<td>6.5” metal mesh</td>
<td>SMG65</td>
<td></td>
</tr>
<tr>
<td>8” metal mesh</td>
<td>SMG8</td>
<td></td>
</tr>
<tr>
<td>10” metal mesh</td>
<td>SMG10</td>
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**WAFFLE GRILLE WITH HARDWARE**

<table>
<thead>
<tr>
<th>Size</th>
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<tbody>
<tr>
<td>8” waffle grille</td>
<td>85-9008</td>
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<tr>
<td>10” waffle grille</td>
<td>85-9010</td>
<td></td>
</tr>
<tr>
<td>12” waffle grille</td>
<td>85-9012</td>
<td></td>
</tr>
<tr>
<td>15” waffle grille</td>
<td>85-9015</td>
<td></td>
</tr>
<tr>
<td>Woofer hardware</td>
<td>85-HDW1</td>
<td></td>
</tr>
<tr>
<td>Woofer clips</td>
<td>85-HDW2</td>
<td></td>
</tr>
</tbody>
</table>

**MODULAR SUB GRILLE**

**HARDWARE INCLUDED**

- Powder coated, heavy-duty mounting bases
- Steel protection arms with satin nickel finish

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EMSG02</td>
<td></td>
</tr>
</tbody>
</table>

**VERTEX/XTC ACOUSTIC BAFFLES**
2 PIECE BAFFLE KIT

<table>
<thead>
<tr>
<th>Size</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4” shallow round</td>
<td>VXT42</td>
<td>4” round shallow large frame</td>
</tr>
<tr>
<td>4”x6” oval</td>
<td>VXT46</td>
<td>6” round small frame</td>
</tr>
<tr>
<td>5” round shallow</td>
<td>VXT52</td>
<td>6&quot;x8” oval standard</td>
</tr>
<tr>
<td>5” to 5.25” round</td>
<td>VXT55</td>
<td>6”x9” oval</td>
</tr>
<tr>
<td>5”x7” oval</td>
<td>VXT52</td>
<td>8” round standard</td>
</tr>
<tr>
<td>5.25” round</td>
<td>VXT60</td>
<td></td>
</tr>
<tr>
<td>6” round</td>
<td>VXT62</td>
<td></td>
</tr>
<tr>
<td>6.5” round small frame</td>
<td>VXT65</td>
<td></td>
</tr>
<tr>
<td>6”x8” oval standard</td>
<td>VXT68</td>
<td></td>
</tr>
<tr>
<td>6”x9” oval</td>
<td>VXT69</td>
<td></td>
</tr>
<tr>
<td>8” round</td>
<td>VXT80</td>
<td></td>
</tr>
</tbody>
</table>

**IB ACOUSTIC BAFFLES**

2 PIECE BAFFLE KIT

<table>
<thead>
<tr>
<th>Size</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4” round shallow</td>
<td>IBBAF42</td>
<td></td>
</tr>
<tr>
<td>4”x6” oval small frame</td>
<td>IBBAF462</td>
<td></td>
</tr>
<tr>
<td>4”x6” oval</td>
<td>IBBAF46</td>
<td></td>
</tr>
<tr>
<td>5” round shallow</td>
<td>IBBAF52</td>
<td></td>
</tr>
<tr>
<td>5.25” round standard</td>
<td>IBBAF55</td>
<td></td>
</tr>
<tr>
<td>5”x7” oval</td>
<td>IBBAF57</td>
<td></td>
</tr>
<tr>
<td>6” round shallow large frame</td>
<td>IBBAF62</td>
<td></td>
</tr>
<tr>
<td>6.5” round small frame</td>
<td>IBBAF65</td>
<td></td>
</tr>
<tr>
<td>6”x8” oval</td>
<td>IBBAF68</td>
<td></td>
</tr>
<tr>
<td>6.5” round large</td>
<td>IBBAF69</td>
<td></td>
</tr>
<tr>
<td>6”x9” oval</td>
<td>IBBAF70</td>
<td></td>
</tr>
<tr>
<td>8” round standard</td>
<td>IBBAF80</td>
<td></td>
</tr>
</tbody>
</table>

**SPEAKER PLUGS**

**SUBWOOFER GRILLE**

Water-resistant speaker plugs, male and female, 18-gauge input

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>JW4136</td>
<td></td>
</tr>
</tbody>
</table>
V/O POWER WIRE SPOOLS
• Meets CEA and ANSI specs
• Full tinned virgin copper construction
• High strand count for max flex
• PVC blended jacket
• BC-5W2 marine compliant

1/0 AWG
<table>
<thead>
<tr>
<th>Size</th>
<th>Color</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 ft.</td>
<td>matte pearl</td>
<td>V10PW-1050</td>
</tr>
<tr>
<td>50 ft.</td>
<td>matte black</td>
<td>V10GW-1050</td>
</tr>
<tr>
<td>50 ft.</td>
<td>matte red</td>
<td>V10PW-1RD50</td>
</tr>
</tbody>
</table>

4 AWG
<table>
<thead>
<tr>
<th>Size</th>
<th>Color</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 ft.</td>
<td>matte pearl</td>
<td>V10PW-4100</td>
</tr>
<tr>
<td>100 ft.</td>
<td>matte black</td>
<td>V10GW-4100</td>
</tr>
<tr>
<td>100 ft.</td>
<td>matte red</td>
<td>V10PW-4RD100</td>
</tr>
</tbody>
</table>

8 AWG
<table>
<thead>
<tr>
<th>Size</th>
<th>Color</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>250 ft.</td>
<td>matte pearl</td>
<td>V10PW-8250</td>
</tr>
<tr>
<td>250 ft.</td>
<td>matte black</td>
<td>V10GW-8250</td>
</tr>
<tr>
<td>250 ft.</td>
<td>matte red</td>
<td>V10PW-8RD250</td>
</tr>
</tbody>
</table>

V10 SPEAKER WIRE SPOOLS
• Meets CEA and ANSI specs
• Fully tinned virgin copper construction
• High strand count for max flexibility
• Ultra-flexible PVC blended jacket
• BC-5W2 marine compliant

12 AWG
<table>
<thead>
<tr>
<th>Size</th>
<th>Length</th>
<th>Color</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>125 ft.</td>
<td>38.10 m</td>
<td>black</td>
<td>V10SW12125-BK</td>
</tr>
<tr>
<td>125 ft.</td>
<td>38.10 m</td>
<td>white/black</td>
<td>V10SW12125-WB</td>
</tr>
</tbody>
</table>

16 AWG
<table>
<thead>
<tr>
<th>Size</th>
<th>Length</th>
<th>Color</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>250 ft.</td>
<td>76.20 m</td>
<td>black</td>
<td>V10SW16250-BK</td>
</tr>
<tr>
<td>500 ft.</td>
<td>152.4 m</td>
<td>black</td>
<td>V10SW16500-BK</td>
</tr>
<tr>
<td>250 ft.</td>
<td>76.20 m</td>
<td>white/black</td>
<td>V10SW16250-WB</td>
</tr>
<tr>
<td>500 ft.</td>
<td>152.4 m</td>
<td>white/black</td>
<td>V10SW16500-WB</td>
</tr>
</tbody>
</table>
**NEW**

**MANL FUSE HOLDER**  
2-4GA/8GA INPUT/OUTPUT  
- Water-resistant rubber grommet  

**FINISH:** Brass machine with satin gunmetal finish  

**MATERIAL:** TORX hardware with gate lock set screw

**VMANL**

---

**NEW**

**4-POSITION DISTRIBUTION BLOCK**  
- 1-1/0GA input 4-4GA output

**VFDB4**

---

**NEW**

**4-POSITION DISTRIBUTION BLOCK**  
- 1-1/0GA input 4-4GA output

**VPNB4**

---

**NEW**

**4-POSITION MANL FUSE DISTRIBUTION BLOCK**  
- Positive: 2-1/0GA input 4-4GA output  
- Negative: 1-1/0GA input 4-4GA output

**VDB4**

---
### AUDIO/VIDEO CABLES

#### V10 RCA AUDIO CABLES
- Dual twist for improved noise rejection
- Ultra-flexible PVC blended jacket
- Patented high-tolerance, compact machined metal end
- Quad split tip for maximum contact area
- Made with BC-5W2 marine grade cable
- Packaged in high-end retail box

<table>
<thead>
<tr>
<th>2-CHANNEL</th>
<th>4-CHANNEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5 ft 0.45 m</td>
<td>17 ft 5.18 m</td>
</tr>
<tr>
<td>3 ft 0.91 m</td>
<td>3.5mm to RCA AUDIO</td>
</tr>
<tr>
<td>6 ft 1.83 m</td>
<td>6 ft 1.83 m</td>
</tr>
<tr>
<td>10 ft 3.05 m</td>
<td>2 CHANNEL</td>
</tr>
<tr>
<td>14 ft 4.27 m</td>
<td>6 ft 1.83 m</td>
</tr>
<tr>
<td>17 ft 5.18 m</td>
<td>17 ft 5.18 m</td>
</tr>
<tr>
<td>20 ft 6.10 m</td>
<td>17 ft 5.18 m</td>
</tr>
<tr>
<td>Y-1 1 ft-2m</td>
<td>17 ft 5.18 m</td>
</tr>
<tr>
<td>Y-2 1 m-2 ft</td>
<td>17 ft 5.18 m</td>
</tr>
</tbody>
</table>

#### VIDEO CABLES
- True 75-ohm video cable
- Ultra-flexible PVC blended jacket
- Patented high-tolerance, compact machined metal end
- Quad split tip for maximum contact area
- Made with BC-5W2 marine grade cable
- Packaged in high-end retail box

#### SINGLE CHANNEL
- 17 ft 5.18 m

#### 6-CHANNEL RCA AUDIO CABLES
- 17ft (5.18 m)
- Dual twist for improved noise rejection
- Ultra-flexible PVC blended jacket
- Patented high tolerance compact machined metal end
- Quad split tip for maximum contact area
- Fully tinned wire to the entire V10 line.
- Made with BC-5W2 marine grade cable
- Packaged in high-end retail box

#### 3.5MM TO RCA AUDIO
- Dual twist for improved noise rejection
- Ultra-flexible PVC blended jacket
- Patented high-tolerance, compact machined metal end
- Quad split tip for maximum contact area
- Packaged in high-end retail box

#### AMP INSTALLATION KITS
- Meets CEA and ANSI specification for wire gauge
- Fully tinned virgin copper construction
- High strand count for maximum flexibility
- BC-5W2 marine compliant RCA, speaker, power and ground wire
- Compact brass fusing and distribution

#### 1/0 AWG AMP KIT 5200W

#### 4 AWG AMP KIT 2100W

#### 8 AWG AMP KIT 800W
**HDMI® CABLES**

**MHX HDMI® CABLES**  
HDMI ETHERNET INCLUDED  
- Multi-layer shielding  
- 24K gold plated contact connectors  
- Supports eARC and ARC  
- Digital Performance Labs (DPL) tested

**HDMI® ACCELERATOR**  
- 18 Gigabit Accelerator for passive HDMI® cables  
- Works with cables up to 15 m  
- Powered by a USB cable  
- Small, easy to install  
HDM-GA1

**GIGABIT ACCELERATOR**  
- 12Gbps bandwidth x 4 channels up to 9 m  
- Extends 18 Gbps capability up to 20 meters & 48 Gbps capability anticipated up to 9 meters  
- Supports all features of the new HDMI 2.0b & 2.1 specification  
HDM-GA2

**HDMI® EDID REGENERATOR**  
- HDCP 2.2 support  
- HDR, deep color & BT 2020 support  
- RF shielded metal case  
- 50% typical reduction in data rise times  
- Solves: audio dropouts, HDCP not supported, mode not supported and mode out of range  
HDM-JR3

---

**VERIFIED**  
- 4X6 GBPS  
- CL FT.4 RATED  
- High speed + ethernet, 24Gbps  
- MHX-LHDME-5  
- MHX-LHDME1  
- MHX-LHDME2  
- MHX-LHDME3  
- MHX-LHDME4  
- MHX-LHDME5  
- MHX-LHDME6  
- MHX-LHDME7  
- MHX-LHDME8  
- MHX-LHDME9  
- MHX-LHDME10  
- MHX-LHDME11  
- MHX-LHDME12  
- MHX-LHDME13  
- MHX-LHDME14  
- MHX-LHDME15  
- MHX-LHDME16  
- MHX-LHDME17

---

**IMPROVED DESIGN**

**HDMI® CABLES**  
HDMI ETHERNET INCLUDED  
- Multi-layer shielding  
- 24K gold plated contact connectors  
- Audio Return Channel (ARC)  
- Digital Performance Labs (DPL) tested

**4K HDR**  
24 GBPS  
4X6 GBPS  
RATED  

---

**MHY HDMI® CABLES**  
HDMI ETHERNET INCLUDED  
- Multi-layer shielding  
- 24K gold plated contact connectors  
- Supports eARC and ARC  
- Digital Performance Labs (DPL) tested  
* 24Gbps achieved with use of the HDM-GA1 or HDM-GA2 (sold separately)

---

**MHY HDMI® ACCELERATOR**  
- 18 Gigabit Accelerator for passive HDMI® cables  
- Works with cables up to 15 m  
- Powered by a USB cable  
- Small, easy to install  
HMHY-GA1

**MHX HDMI® ACCELERATOR**  
- 18 Gigabit Accelerator for passive HDMI® cables  
- Works with cables up to 15 m  
- Powered by a USB cable  
- Small, easy to install  
HMHX-GA1

---

**MHY HDMI® EDID REGENERATOR**  
- HDCP 2.2 support  
- HDR, deep color & BT 2020 support  
- RF shielded metal case  
- 50% typical reduction in data rise times  
- Solves: audio dropouts, HDCP not supported, mode not supported and mode out of range  
MHY-JR3

---

**MHY HDMI® ETHERNET CABLES**  
- Multi-layer shielding  
- 24K gold plated contact connectors  
- Supports eARC and ARC  
- Digital Performance Labs (DPL) tested  
* 24Gbps achieved with use of the HDM-GA1 or HDM-GA2 (sold separately)
HDMI® ELECTRONICS

**NEW**

**HDMI® SPLITTER**
1 INPUT / 2 OUTPUTS
- Supports HDMI 2.0 and HDCP 2.2 (and earlier versions)
- Supports 1080p, 3D, 4K/60Hz 4:4:4 up to 18Gbps
- Built in scaling and EDID management to allow multiple resolutions simultaneously
- All HDR formats supported

CS-1X2HDMSPL5

**NEW**

**HDMI® SPLITTER**
1 INPUT / 4 OUTPUTS
- Supports HDMI 2.0 and HDCP 2.2 (and earlier versions)
- Supports 1080p, 3D, 4K/60Hz 4:4:4 up to 18Gbps
- Built in scaling and EDID management to allow multiple resolutions simultaneously
- All HDR formats supported

CS-1X4HDMSPL5

**NEW**

**HDMI® SWITCH**
3 SOURCES / 1 OUTPUT
- Supports HDMI 2.0 and HDCP 2.2 (and earlier versions)
- Supports 1080p, 3D, 4K/60Hz up to 18Gbps
- Supports all HDR formats
- Supports control with IR & RS232

CS-HDM3X1SW4

**NEW**

**HDMI® SWITCH**
5 SOURCES / 1 OUTPUT
- Supports HDMI 2.0 and HDCP 2.2 (and earlier versions)
- Supports 1080p, 3D, 4K/60Hz up to 18Gbps
- Supports all HDR formats
- Supports control with IR & RS232

CS-HDM5X1SW4

**NEW**

**HDMI® METER EXTENDER**
HDBASET 70M OVER SINGLE CAT6
- Supports HDMI 2.0 & HDCP 2.2 (and earlier versions)
- Resolutions supported: up to 4k/30Hz 4:4:4
- HDR support
- Compatible with CAT5e/CAT6/CAT6A
- Transmission distance: 1080P up to 70m; 4K/30 up to 40 m over CAT6
- Supports bi-directional IR 20-60Hz with included US standard IR receiver & emitter
- Power from single side
- Wall mountable with integrated mounting tabs

CS-HDBTLPOEU-70

**NEW**

**HDMI® POE EXTENDER OVER SINGLE CAT6**
- Carries HDMI signals up to 50 meters over single CAT6
- 7 built-in adjustable EDID settings
- HDMI loop out on transmitter
- Includes IR blaster & IR receiver
- Power only required on single side

CS-HDC5EXTSRPOE
BATTERIES

12V MARINE BATTERY
785 CRANK AMPS • 120 MIN RESERVE
55 AMP HOURS
• AGM technology (Absorbed Glass Mat)
• 12V marine grade battery
• Threaded and standard posts
• Can be discharged and recharged 100’s of times

SK-MBT-55

<table>
<thead>
<tr>
<th>WEIGHT</th>
<th>WIDTH</th>
<th>HEIGHT</th>
<th>DEPTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>42.5LBS</td>
<td>10.75”</td>
<td>6.89”</td>
<td>6.61”</td>
</tr>
<tr>
<td>19.3KG</td>
<td>273MM</td>
<td>175MM</td>
<td>168MM</td>
</tr>
</tbody>
</table>

12V MARINE BATTERY
800 CRANK AMPS • 190 MIN RESERVE
100 AMP HOURS
• AGM technology (Absorbed Glass Mat)
• 12V marine grade battery
• Threaded and standard posts
• Can be discharged and recharged 100’s of times

SK-MBT-100

<table>
<thead>
<tr>
<th>WEIGHT</th>
<th>WIDTH</th>
<th>HEIGHT</th>
<th>DEPTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>68.3LBS</td>
<td>13”</td>
<td>8.54”</td>
<td>6.85”</td>
</tr>
<tr>
<td>31KG</td>
<td>330MM</td>
<td>217MM</td>
<td>174MM</td>
</tr>
</tbody>
</table>

NEW

SMART BATTERY ISOLATORS
• Charge your auxiliary power while driving
• Cost effective protection against a flat start battery

80 amp IB-SRL80
200 amp IB-SRL200
500 amp IB-SRL500

BUS BARS

BRASS BUS BAR BLOCK
GATE-LOCK TECHNOLOGY
• Standard 5mm set screws
• High quality ABS protective cover
• Includes inserts for positive and negative terminal
• Includes wire trim inserts
• Accepts 10 to 0 gauge wire
• 6 mounting points

SK-TML-BLK

BRASS BUS BAR PLATE
FOR RING TERMINALS
• Standard 5mm set screws
• Includes inserts for positive and negative terminal
• Includes wire trim inserts
• Accepts up to 0 gauge ring terminals
• 6 mounting points

SK-TML-PL
POWER SUPPLY

- LED light, switchable outputs between smart charging and single fixed voltage (which can be set between 13volts and 16.5volts)
- Built-in 4 stage smart charger
- Deck mount converter
- UL-CUL approved
- Quiet internal fan cooling
- Overtemp protection
- Reverse polarity protection
- (PFC) Power Factor Correction
- More efficient and clean power supply

35 AMP POWER SUPPLY

- 35 amp power supply
- 430 watts max output
- 5 amps max AC current @ 108VAC

IBPS35

55 AMP POWER SUPPLY

- 55 amp power supply
- 780 watts max output
- 7 amps max AC current @ 108VAC

IBPS55

75 AMP POWER SUPPLY

- 75 amp power supply
- 1065 watts max output
- 12 amps max AC current @ 108VAC

IBPS75

100 AMP POWER SUPPLY

- 100 amp power supply
- 1440 watts max output
- 13 amps max AC current @ 108VAC

IBPS100

SIZE: 10.5” Dx3.5” Hx7.2” W
DC OUTPUT VOLTAGE: 13.6V/14.4 (DC)
OUTPUT VOLTAGE TOLERANCE: + or - .7%
INPUT VOLTAGE: 105-135 AC
TRAILER LED LIGHTS

**NEW**

**OVAL TRAILER LED LIGHT**
**6 INCH • 14 LED**
- 14 red LEDs: Stop, turn, taillight functions
- Sonically sealed, weather-resistant
- PL-3 connector
- 6” rubber grommet
- PMMA lens and ABS housing
- FMVSS S2 T2 I6 / I6 / R
- @12VDC .38A for stop/turn LEDs

HE-TR6001

**NEW**

**OVAL TRAILER LED LIGHT**
**6 INCH • 14 LED**
- 14 amber LEDs: Turn functions
- Sonically sealed, weather-resistant
- PL-3 connector
- 6” rubber grommet
- PMMA lens and ABS housing
- FMVSS S2 T2 I6 / I6 / R
- @12VDC .06A for turn

HE-TR6002

**NEW**

**OVAL TRAILER LED LIGHT**
**6 INCH • 14 LED**
- 14 white LEDs: Backup function
- Sonically sealed, weather-resistant
- PL-3 connector
- 6” rubber grommet
- PMMA lens and ABS housing
- FMVSS S2 T2 I6 / I6 / R
- @12VDC .24A for backup

HE-TR6001

**NEW**

**ROUND TRAILER LED LIGHT**
**4 INCH • 14 LED**
- 14 red LEDs: Stop, turn, taillight functions
- PL-3 connector with grommet
- Sonically sealed, weather-resistant
- PMMA lens and ABS housing
- FMVSS S2 T2 I6 / I6 / R
- @12VDC .38A for stop/turn LEDs

HE-TR4001

**NEW**

**ROUND TRAILER LED LIGHT**
**4 INCH • 14 LED**
- 14 amber LEDs: Turn functions
- PL-3 connector
- 6” rubber grommet
- PMMA lens and ABS housing
- FMVSS S2 T2 I6 / I6 / R
- @12VDC .06A for turn

HE-TR4002

**NEW**

**ROUND TRAILER LED LIGHT**
**4 INCH • 14 LED**
- 14 white LEDs: Backup functions
- PL-3 connector with grommet
- Sonically sealed, weather-resistant
- PMMA lens and ABS housing
- FMVSS S2 T2 I6 / I6 / R
- @12VDC .24A for backup

HE-TR4003
### ALL COPPER TRAILER WIRE

**100 FOOT SPOOLS**
- Wire recommended for RV, boats and utility trailers

<table>
<thead>
<tr>
<th>Wire Type</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-CONDUCTOR</td>
<td></td>
</tr>
<tr>
<td>14 gauge brown/green/yellow</td>
<td>TWBGY14100</td>
</tr>
<tr>
<td>16 gauge brown/green/yellow</td>
<td>TWBGY16100</td>
</tr>
<tr>
<td>18 gauge brown/green/yellow</td>
<td>TWBGY18100</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Wire Type</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-CONDUCTOR</td>
<td></td>
</tr>
<tr>
<td>14 gauge brown/green/yellow/white</td>
<td>TWBGYW14100</td>
</tr>
<tr>
<td>16 gauge brown/green/yellow/white</td>
<td>TWBGYW16100</td>
</tr>
<tr>
<td>18 gauge brown/green/yellow/white</td>
<td>TWBGYW18100</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Wire Type</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-CONDUCTOR</td>
<td></td>
</tr>
<tr>
<td>14 gauge black/red</td>
<td>TWBKRD14100</td>
</tr>
<tr>
<td>16 gauge black/red</td>
<td>TWBKRD16100</td>
</tr>
<tr>
<td>18 gauge black/red</td>
<td>TWBKRD18100</td>
</tr>
</tbody>
</table>

### COPPER JACKETED PRIMARY WIRE

**100 FOOT SPOOLS**
- 6x14 gauge
- 4x14 gauge, 3x12 gauge

### BULK TRAILER WIRE COLORS

**500 FOOT SPOOLS • 18GA**
- GPT is designed for electrical usage in fleet vehicles
- PVC coated high temp rated

<table>
<thead>
<tr>
<th>Color</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red</td>
<td>US18500R</td>
</tr>
<tr>
<td>Blue</td>
<td>US18500BL</td>
</tr>
<tr>
<td>Brown</td>
<td>US18500BR</td>
</tr>
<tr>
<td>Green</td>
<td>US18500GR</td>
</tr>
<tr>
<td>Orange</td>
<td>US18500OR</td>
</tr>
<tr>
<td>Purple</td>
<td>US18500PL</td>
</tr>
<tr>
<td>White</td>
<td>US18500WT</td>
</tr>
<tr>
<td>Yellow</td>
<td>US18500YL</td>
</tr>
</tbody>
</table>

### ALL COPPER JACKETED PRIMARY WIRE

**100 FOOT SPOOLS**
- Wire recommended for auto, truck, construction and light marine
- Heavy-duty PVC outer jacket is abrasion-resistant and protects against moisture, oil, acid and salt

<table>
<thead>
<tr>
<th>Wire Type</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-CONDUCTOR</td>
<td></td>
</tr>
<tr>
<td>8 gauge black/white</td>
<td>JPWBW8100</td>
</tr>
<tr>
<td>10 gauge black/white</td>
<td>JPWBW10100</td>
</tr>
<tr>
<td>12 gauge black/white</td>
<td>JPWBW12100</td>
</tr>
<tr>
<td>14 gauge black/white</td>
<td>JPWBW14100</td>
</tr>
<tr>
<td>16 gauge black/white</td>
<td>JPWBW16100</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Wire Type</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-CONDUCTOR</td>
<td></td>
</tr>
<tr>
<td>10 gauge black/green/white</td>
<td>JPWBGW10100</td>
</tr>
<tr>
<td>12 gauge black/green/white</td>
<td>JPWBGW12100</td>
</tr>
<tr>
<td>14 gauge black/green/white</td>
<td>JPWBGW14100</td>
</tr>
<tr>
<td>16 gauge black/green/white</td>
<td>JPWBGW16100</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Wire Type</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-CONDUCTOR</td>
<td></td>
</tr>
<tr>
<td>10 gauge black/green/red/white</td>
<td>JPWBGW16100</td>
</tr>
<tr>
<td>12 gauge black/green/red/white</td>
<td>JPWBGRW12100</td>
</tr>
<tr>
<td>14 gauge black/green/red/white</td>
<td>JPWBGRW14100</td>
</tr>
<tr>
<td>16 gauge black/green/red/white</td>
<td>JPWBGRW16100</td>
</tr>
</tbody>
</table>

### ALL COPPER TRAILER WIRING PLUGS

Connectors that allow the basic hook up of the three lighting functions (running, turn and brake lights) plus one pin is provided for a ground wire (IBTH4P). One pin is available to provide support for another.

- 4-way 18 gauge : IBTH4P
- 5-way 18 gauge : IBTH5P

### ALL COPPER TRAILER HARNESS

**12GA, 16GA, 8 PIN 72” • 5 PIECES**
- For custom harness applications
- 12 gauge = red, white, black
- 16 gauge = yellow, brown, green, blue, gray

IBTH8P72
ALL COPPER HOOK UP WIRE

1 FOOT • 2-PIN
- All copper
- Red/black

12 gauge IBTH12
16 gauge IBTH16
18 gauge IBTH18

TRAILER CONNECTORS
BLACK PVC HOUSING WITH COPPER INTERNALS

6-pin round/4-way flat IBT-E01
7-pin round/6-way flat IBT-E02
7-way blade/4-way flat IBT-E03
7-way blade/5-way flat IBT-E04
7-way blade to trailer end IBT-E05
7-way blade to vehicle end IBT-E06
7-way blade 12volt led tester IBT-E07
Mounting bracket IBT-E08

INSTALLATION ACCESSORIES

PANEL SWITCHES
CERTIFIED, UPGRADED SWITCHES - @24VOLTS = 10AMPS
@12VOLTS = 20AMPS

4-switch panel with UNI switches IBSP4
6-switch panel with UNI switches IBSP6
2-pin on-off switch no LED IBSS
7-pin winch switch in-out with 2 blue LEDs IBSS2L
6-pin winch switch in-out with no LEDs IBSS6P
3-pin on-off switch with red LED IBSSL
3-pin radio on-off switch with red LED IBSSR
6-pin winch switch in-out with blue LED IBSSWB

12V RELAY
5-PIN
- 12/16 gauge
- Water-resistant IBW-E123H

GRAPHIC DISPLAY
DIGITAL METER
- Mounting hole: 29.2 mm/1.15”

IBR94 24 volts (15V-30V)
IBR95 12 volts

24V RELAY
5-PIN
- 12/16 gauge
- 30/40 amps
- Water-resistant IBW-24VRLH
### Installation Accessories

#### Stainless Latching Switches

**Round**
- Harness 3 amps
- IP67 water-resistant

<table>
<thead>
<tr>
<th>Material</th>
<th>Diameter</th>
<th>Color</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stainless</td>
<td>16 mm</td>
<td>blue</td>
<td>IBRSSB16</td>
</tr>
<tr>
<td>Stainless</td>
<td>19 mm</td>
<td>blue</td>
<td>IBRSSB19</td>
</tr>
<tr>
<td>Stainless</td>
<td>16 mm</td>
<td>green</td>
<td>IBRSSG16</td>
</tr>
<tr>
<td>Stainless</td>
<td>19 mm</td>
<td>green</td>
<td>IBRSSG19</td>
</tr>
<tr>
<td>Stainless</td>
<td>16 mm</td>
<td>red</td>
<td>IBRRSR16</td>
</tr>
<tr>
<td>Stainless</td>
<td>19 mm</td>
<td>red</td>
<td>IBRRSR19</td>
</tr>
<tr>
<td>Stainless</td>
<td>16 mm</td>
<td>white</td>
<td>IBRSSW16</td>
</tr>
<tr>
<td>Stainless</td>
<td>19 mm</td>
<td>white</td>
<td>IBRSSW19</td>
</tr>
<tr>
<td>Stainless</td>
<td>16 mm</td>
<td>yellow</td>
<td>IBRSSY16</td>
</tr>
<tr>
<td>Stainless</td>
<td>19 mm</td>
<td>yellow</td>
<td>IBRSSY19</td>
</tr>
</tbody>
</table>

#### Dual 4.2A USB

- 3. Dual USB 2.1A
  - 29.2mm/1.15”

<table>
<thead>
<tr>
<th>Color</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red</td>
<td>IBR85</td>
</tr>
<tr>
<td>White</td>
<td>IBR86</td>
</tr>
<tr>
<td>Blue</td>
<td>IBR87</td>
</tr>
<tr>
<td>Green</td>
<td>IBR88</td>
</tr>
<tr>
<td>Orange</td>
<td>IBR89</td>
</tr>
</tbody>
</table>

#### USB & Voltage Round

**Voltage Monitor**
- LED display
- Water-resistant
- Snap in extension cable
- 1.5 meter length
- Mounting hole: 29.2mm/1.15”

- **IBR92**

#### Voltmeter with Current

**Digital Voltage Monitor**
- Universal fit
- Blue LED
- Mounting hole: 28.5mm/1.10”

- **IBR93**

#### USB Socket

**Pass Through Flush Mount**
- 12V/24V with water-resistant cover
- Direct to battery wiring & fused
- Connection

- **IBR78**

#### Power Socket

**Water-Resistant 12V**
- Flush mount, 1-1/8” mounting hole required
- 0.250” power and ground lugs on back
- Use with optional mounts IBR59, IBR60 and IBR61

- **IBR58**

#### Water-Resistant

**3.5MM AUX-IN TO RCA-OUT**
- Surface of flush mount AUX-in
- Mounting hole: 7/8”
- 2 meter cable

- **IBR80**
**INSTALLATION ACCESSORIES**

**DUAL USB MOUNT**
12V MARINE LIGHTER SOCKET
- Dual 2.1A 5V USB
- IP65 Rating
- Water-resistant

IBR79

**CIRCUIT BREAKER**
MANUAL RESET USA COOPER BUSSMANN
- 50 amp
- 80 amp
- 100 amp
- 135 amp
- 150 amp
- CB50MR
- CB80MR
- CB100MR
- CB135MR
- CB150MR

**CIRCUIT BREAKER**
AUTO RESET USA COOPER BUSSMANN
- 15 amp
- 20 amp
- 30 amp
- 40 amp
- 50 amp
- CB15AR
- CB20AR
- CB30AR
- CB40AR
- CB50AR

**CIRCUIT BREAKER**
ECONOMY MANUAL RESET
IP67 RATED
- 50 amp
- 60 amp
- 80 amp
- 100 amp
- 135 amp
- 150 amp
- 200 amp
- E-CB50MR
- E-CB60MR
- E-CB80MR
- E-CB100MR
- E-CB135MR
- E-CB150MR
- E-CB200MR

**MINI CIRCUIT BREAKER**
- 5 amp
- 10 amp
- 15 amp
- 20 amp
- 25 amp
- 30 amp
- CBW57-PS-5A
- CBW57-PS-10A
- CBW57-PS-15A
- CBW57-PS-20A
- CBW57-PS-25A
- CBW57-PS-30A

**MOUNTS**
PANEL/SURFACE/UNDERDASH
- Panel mount for IBR56, IBR57 & IBR58
- Surface mount for IBR56, IBR57 & IBR58
- Underdash mount for IBR57 & IBR58
- IBR59
- IBR60
- IBR61

**IN-LINE FUSE HOLDER**
- Mini
- Regular
- Micro II
- Maxi

- LPM-04B-I-12R
- LPR-04B-I-12R
- LPT-04B-I-12R
- LPX-04B-I-6R

**FUSE HOLDERS**
Mini ANL fuse holder
4GA INPUT/OUTPUT, 8GA REDUCERS INCLUDED
- ANL and mini ANL fuse holder
- 1/0GA INPUT/OUTPUT, 4GA REDUCERS INCLUDED

**CIGARETTE LIGHTER PLUGS**
10 AMP
- • 2” leads
- Female plug retail package
- 12V plug female
- Male lighter plug
## INSTALLATION ACCESSORIES

### AGU Fuse Holders
- **AGU 8 gauge Bakelite**
  - 4/8 gauge ADJ
  - 10/Bag
  - ATFH8CB
  - FHAGU

### MAXI Fuse Holder
- **Each 10/Bag**
  - ATFH10-10

### MAXI HD Fuse Holder
- **4/8GA INPUT/OUTPUT**
  - Maxi HD
  - MAXIHDH

### ATC Fuse Holders
#### 100/BAG
- 18 gauge w/cover
- 16 gauge w/cover
- 16 gauge no cove

#### 10/BAG
- 14GA w/cover
- 12GA w/cover
- 10GA w/cover
- 16/14GA wireless 3M

- ATFH10C-10
- ATFH10C-10
- ATFH10C-10
- ATFH3M-10

### AGU/ANL Fuse Holders
#### EACH
- 4/8 gauge ADJ
- ANL, nickel, stud size 5/16th

#### 10/BAG
- 4/8 gauge ADJ
- ANL, nickel, stud size 5/16th

- FHAGU
- ANLFH

- WFHAGU
- ANLFH-10

### MINI ANL Fuse Holder
#### EACH
- 4/8GA ADJ nickel
- 4/8GA

#### 10-PACK
- 4/8GA ADJ nickel
- 4/8GA

- FHMANL
- MANLFH

- WFH-MANL
- MANLFH-10

### ATC Fuse Holder
- **12 GAUGE WIRE**
  - Water-resistant design with mounting tab on cover
  - IBR62

### DUAL ATC Fuse Holder
- **Supports up to 8 gauge wire**
  - Mounting tab, supports up to 80 amps with two 40 amp fuses
  - Water-resistant connector
  - IBR63

### MINI ANL Fuse Holder
- **Supports up to 4 gauge wire**
  - Mini-ANL water-resistant fuse holder
  - Marine-certified
  - IBR81
STACKABLE FUSE PANEL
ATC/ATM STACKABLE FUSE PANEL
- Acts as an in-line fuse holder with jumpers to create any distribution block
- Fused distribution or power ground as you need
- Max amp - 40 amps per circuit
- Maximum voltage - 32V DC

ATMFP

ATC FUSE BLOCKS
6-position fuse block for use with regular auto blade fuses.
BLC-106
Dust proof cover for BLC106
BLC-106-C

ATC FUSE BLOCKS
8-position fuse block with grounding pad. For use with regular auto blade fuses.
BLC-108-G
Dustproof cover for BLC108G
BLC-108-C

ATC FUSE BLOCKS
10-position fuse block with grounding pad. For use with regular auto blade fuses.
BLC-110-G
Dustproof cover for BLC110G
BLC-110-C

ATC FUSE BLOCKS
12-position fuse block with grounding pad. For use with regular auto blade fuses.
BLC-112-G
Dustproof cover for BLC112G
BLC-112-C

10-POSITION FUSE BLOCK
WITH INDICATING LEDS
For use with low-profile auto blade fuses.
BLS-I-310

LED ATM FUSE BLOCKS
4-position fuse block with indicating LEDs. For use with mini auto blade fuses.
BLM-I-304
**LED ATM Fuse Blocks**

- 6-position fuse block with indicating LEDs. For use with mini auto blade fuses.  
  *BLM-I-306*

- 10-position fuse block with indicating LEDs. For use with mini auto blade fuses.  
  *BLM-I-310*

**LED ATC Fuse Blocks**

- New screw terminal design! 4-position fuse block with indicating LEDs. For use with regular auto blade fuses.  
  *BLR-I-304*

- 6-position fuse block with indicating LEDs. For use with regular auto blade fuses.  
  *BLR-I-306*

- 10-position fuse block with indicating LEDs. For use with regular auto blade fuses.  
  *BLR-I-310*

**ATC Fuse Panels**

- USA Cooper Bussmann  
  ATC fuse panel 30A 6 POS short base  
  *15600-06-20*

- ATC fuse panel 30A 6 POS long base  
  *15600-06-21*
**HARDWARE**

### BUTT CONNECTORS

<table>
<thead>
<tr>
<th>25/BAG</th>
<th>Red &amp; GA HS butt</th>
<th>HSRBC8</th>
</tr>
</thead>
<tbody>
<tr>
<td>50/BAG</td>
<td>Yellow 12/10 HS butt</td>
<td>HSYBC</td>
</tr>
<tr>
<td>100/BAG</td>
<td>Yellow 24/26 HS butt Red 22/18 HS butt Blue 16/14 HS butt</td>
<td>HSYBCM HSRBC HSBC</td>
</tr>
</tbody>
</table>

### HEAT SHRINK WITH SOLDER

<table>
<thead>
<tr>
<th>10 PACK</th>
<th>HS blue butt conn w/solder 16/14 gauge</th>
<th>SHSBBC</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>HS red butt conn w/solder 22/18 gauge</td>
<td>SHRBBC</td>
</tr>
<tr>
<td></td>
<td>HS white butt conn w/solder 26/24 gauge</td>
<td>SHSWBC</td>
</tr>
<tr>
<td></td>
<td>HS yellow butt conn w/solder 12/10 gauge</td>
<td>SHYBC</td>
</tr>
</tbody>
</table>

### HEAT SHRINK RING TERMINALS

<table>
<thead>
<tr>
<th>50 PACK - YELLOW</th>
</tr>
</thead>
<tbody>
<tr>
<td>12/10 #8 HS ring</td>
</tr>
<tr>
<td>12/10 #10 HS ring</td>
</tr>
<tr>
<td>12/10 #1/4 HS ring</td>
</tr>
<tr>
<td>12/10 #5/16 HS ring</td>
</tr>
<tr>
<td>12/10 #3/8 HS ring</td>
</tr>
<tr>
<td>12/10 #1/2 HS ring</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>100 PACK - BLUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>16/14 #8 HS ring</td>
</tr>
<tr>
<td>16/14 #10 HS ring</td>
</tr>
<tr>
<td>16/14 #1/4 HS ring</td>
</tr>
<tr>
<td>16/14 #5/16 HS ring</td>
</tr>
<tr>
<td>16/14 #3/8 HS ring</td>
</tr>
</tbody>
</table>

### HEAT SHRINK SPADE TERMINALS

<table>
<thead>
<tr>
<th>100 PACK - BLUE</th>
<th>16/14 HS #6 snap spade</th>
<th>HSBVLST6</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>16/14 HS #8 spade</td>
<td>HSBVST8</td>
</tr>
<tr>
<td></td>
<td>16/14 HS #10 spade</td>
<td>HSBVST10</td>
</tr>
<tr>
<td></td>
<td>22/18 HS #8 spade</td>
<td>HSRVST8</td>
</tr>
<tr>
<td></td>
<td>22/18 HS #10 spade</td>
<td>HSRVST10</td>
</tr>
</tbody>
</table>

### HEAT SHRINK BULLET CONNECTORS MALE & FEMALE

<table>
<thead>
<tr>
<th>100 PACK</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red 22/18 HS male bullet .187</td>
</tr>
<tr>
<td>Blue 16/14 HS male bullet .157</td>
</tr>
<tr>
<td>Red 22/18 HS female bullet .187</td>
</tr>
<tr>
<td>Blue 16/14 HS female bullet .157</td>
</tr>
</tbody>
</table>

### HEAT SHRINK QUICK DISCONNECT FEMALE

<table>
<thead>
<tr>
<th>100 PACK - FI=FULLY INSULATED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red 22/10 .250 HS female FI QD</td>
</tr>
<tr>
<td>Blue 16/14 .250 HS female FI QD</td>
</tr>
<tr>
<td>Red 22/18 .250 HS F QD</td>
</tr>
<tr>
<td>Blue 16/14 .250 HS F QD</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>50 PACK - FI=FULLY INSULATED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yellow 12/10 .250 HS female FI QD</td>
</tr>
<tr>
<td>Yellow 12/10 .250 HS F QD</td>
</tr>
</tbody>
</table>

### HEAT SHRINK QUICK DISCONNECT MALE

<table>
<thead>
<tr>
<th>100 PACK - FI=FULLY INSULATED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red 22/10 .250 HS male FI QD</td>
</tr>
<tr>
<td>Blue 16/14 .250 HS male FI QD</td>
</tr>
<tr>
<td>Red 22/18 .250 HS M QD</td>
</tr>
<tr>
<td>Blue 16/14 .250 HS M QD</td>
</tr>
</tbody>
</table>

<table>
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<tr>
<th>50 PACK - FI=FULLY INSULATED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yellow 12/10 .250 HS male FI QD</td>
</tr>
<tr>
<td>Yellow 12/10 .250 HS M QD</td>
</tr>
</tbody>
</table>
**Hardware**

**INTERIOR PANEL PROTECTION TAPE**  
Each 9.5”x72 yards IB51136

**PAINT PROTECTION TAPE**  
Each 14”x220 yards IB50530

**SPLIT LOOM TUBING - BLACK**  
Polyethylene 200 degree loom dispensers boxed w/Metra label  
- SLT145: Split loom tubing 200° 1/4” dispenser box
- SLT385: Split loom tubing 200° 3/8” dispenser box
- SLT122: Split loom tubing 200° 1/2” dispenser box
- SLT1: Split loom tubing 200° 1” dispenser box

**DI-ELECTRIC GREASE**  
3.3 oz container IB05113

**3M ELECTRICAL TAPE**  
10 PACK  
Super 33+ electrical tape 3/4”x52’  
SUPER33-10

**EXTERIOR HARNESSING TAPE**  
Tesa 3/8”x82 ft  
Tesa OEM 3/4”x82 ft  
IB51026  
IB51036

**WIRE LOOM INSTALL TOOL**  
1/4”-7/16” SLT-08  
1/2”-5/8” SLT-15

**CABLE CLAMPS**  
100 PACK  
- BCC18: 1/8” black
- BCC316: 3/16” black
- BCC14: 1/4” black
- BCC516: 5/16” black
- BCC38: 3/8” black
- BCC12: 1/2” black
- BCC34: 3/4” black
- BCC1: 1” black

**MOUNTING HOLE CABLE TIES**  
1000 PACK  
- BMCT6: 6” screw mount black 40 lb
- BMCT7: 7.5” screw mount black 50 lb
- BMCT11: 11” screw mount black 50 lb

**BLACK CABLE TIES**  
1000 PACK  
- BCT4-1: 4” black cable ties 18 lb
- BCT6-1: 6” black cable ties 30 lb
- BCT8-1: 8” black cable ties 40 lb
- BCT18: 18” black cable ties 50 lb

**WIRE CLIPS**  
4 PACK - SCREW MOUNT  
- IBCLIP8: 8awg wire clips
- IBCLIP10: 10awg wire clips

**WIRE LOOM INSTALL TOOL**  
1/4”-7/16” SLT-08  
1/2”-5/8” SLT-15

**CABLE CLAMPS**  
100 PACK  
- BCC18: 1/8” black
- BCC316: 3/16” black
- BCC14: 1/4” black
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- BCC34: 3/4” black
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**MOUNTING HOLE CABLE TIES**  
1000 PACK  
- BMCT6: 6” screw mount black 40 lb
- BMCT7: 7.5” screw mount black 50 lb
- BMCT11: 11” screw mount black 50 lb

**BLACK CABLE TIES**  
1000 PACK  
- BCT4-1: 4” black cable ties 18 lb
- BCT6-1: 6” black cable ties 30 lb
- BCT8-1: 8” black cable ties 40 lb
- BCT18: 18” black cable ties 50 lb

**WIRE CLIPS**  
4 PACK - SCREW MOUNT  
- IBCLIP8: 8awg wire clips
- IBCLIP10: 10awg wire clips

**MOUNTING HOLE CABLE TIES**  
1000 PACK  
- BMCT6: 6” screw mount black 40 lb
- BMCT7: 7.5” screw mount black 50 lb
- BMCT11: 11” screw mount black 50 lb

**BLACK CABLE TIES**  
1000 PACK  
- BCT4-1: 4” black cable ties 18 lb
- BCT6-1: 6” black cable ties 30 lb
- BCT8-1: 8” black cable ties 40 lb
- BCT18: 18” black cable ties 50 lb

**WIRE CLIPS**  
4 PACK - SCREW MOUNT  
- IBCLIP8: 8awg wire clips
- IBCLIP10: 10awg wire clips
**FUSE BULK KITS**
ATMLP fuse kit/assorted AMLP fuses in storage kit
ATC fuse assorted/ATC fuses in storage kit
ATC fuse assorted/ATM fuses in storage kit

**HIGH SPEED DRILL BIT**
135° split point and shoulder tip

**HEAT SHRINK TUBING KIT**
Heat shrink kit

**NUT DRIVER**
Magnetized nut setter
5/16” bolt 1/2” driver

**HEAT SHRINK TUBING KIT**
Heat shrink kit

**STORAGE CONTAINER**
12 slots

**ELECTRICAL GEL**
Anti-corrosion electrical connection gel

**TERMINAL KIT**
**HEAT SHRINK - 120 PIECE**
Assorted heat shrink butts, push ons, rings and spades

**BRUSH TIP**
Stainless steel wires cut down to bare metal quickly

**GROUNDING KIT**
**PROFESSIONAL HIGH CURRENT KIT**
Contains enough parts for 50 grounds. Replacement parts can be purchased.

**LOCK WASHERS**
50 PACK
Internal/external anodized

**CUTTING BOLTS**
50 PACK
Zinc anodized thread 5/16”

**LOCK NUTS**
50 PACK
Anodized flanged serrated

**SAFETY GLASSES**
Clear safety glasses
### Hardware

**Rubber Grommets**

<table>
<thead>
<tr>
<th>Pack</th>
<th>Description</th>
<th>Codes</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 pack</td>
<td>1/8&quot; ID (RG18, RG316, RG14, RG516, RG38, RG12)</td>
<td></td>
</tr>
<tr>
<td>1/4&quot; ID</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3/16&quot; ID</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5/16&quot; ID</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3/8&quot; ID</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1/2&quot; ID</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Long Barrel Grommets**

<table>
<thead>
<tr>
<th>Pack</th>
<th>Description</th>
<th>Codes</th>
</tr>
</thead>
<tbody>
<tr>
<td>25 pack</td>
<td>8 gauge long barrel grommet .26&quot; ID (LSB8)</td>
<td></td>
</tr>
<tr>
<td>4 gauge</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1/0 gauge</td>
<td></td>
<td></td>
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</tbody>
</table>

**Firewall Grommets**

<table>
<thead>
<tr>
<th>Description</th>
<th>Codes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Includes Sealing Washers</td>
<td></td>
</tr>
<tr>
<td>0AWG IP68 1/8&quot; hole (IBFG0)</td>
<td></td>
</tr>
<tr>
<td>4AWG IP68 7/8&quot; hole (IBFG4)</td>
<td></td>
</tr>
<tr>
<td>8AWG IP68 5/8&quot; hole (IBFG8)</td>
<td></td>
</tr>
</tbody>
</table>

**Stainless**

<table>
<thead>
<tr>
<th>Pack</th>
<th>Description</th>
<th>Codes</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 pack</td>
<td>#10 18-8 S.S. flat washer</td>
<td>FW188</td>
</tr>
<tr>
<td>316 S.S.</td>
<td>flat washer</td>
<td>FW316SC</td>
</tr>
<tr>
<td>100 pack</td>
<td>#10-24 18-8 S.S. hx nylon insert</td>
<td></td>
</tr>
<tr>
<td></td>
<td>#10x1-3/4 18-8 S.S. phil oval</td>
<td></td>
</tr>
<tr>
<td></td>
<td>#10x2 18-8 S.S. phil oval</td>
<td></td>
</tr>
<tr>
<td></td>
<td>#8x3/4 4 18-8 S.S. ph oval</td>
<td></td>
</tr>
<tr>
<td></td>
<td>#10x24 18-8 1-1/4&quot; phil pan</td>
<td></td>
</tr>
<tr>
<td></td>
<td>#14x1 18-8 S.S. phil pan</td>
<td></td>
</tr>
<tr>
<td></td>
<td>#10x1 18-8 S.S. ph pan</td>
<td></td>
</tr>
<tr>
<td></td>
<td>#8x1 18-8 S.S. ph pan</td>
<td></td>
</tr>
<tr>
<td></td>
<td>#8x3/8 18-8 S.S. phil truss</td>
<td></td>
</tr>
<tr>
<td></td>
<td>#8x3/8 18-8 S.S. phil pan</td>
<td></td>
</tr>
</tbody>
</table>

**Tee Nuts & Stainless Bolts**

<table>
<thead>
<tr>
<th>Description</th>
<th>Codes</th>
</tr>
</thead>
<tbody>
<tr>
<td>All tee nuts are zinc plated 1/4&quot;-20 tpi</td>
<td></td>
</tr>
<tr>
<td>All stainless bolts are 1/4&quot;-20 tpi</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Codes</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 pack</td>
<td></td>
</tr>
<tr>
<td>1&quot; Phillips head</td>
<td>IBTKIT1</td>
</tr>
<tr>
<td>1.5&quot; Phillips head</td>
<td>IBTKIT2</td>
</tr>
<tr>
<td>2&quot; Phillips head</td>
<td>IBTKIT3</td>
</tr>
<tr>
<td>1&quot; Hex head</td>
<td>IBTKIT4</td>
</tr>
<tr>
<td>1.5&quot; Hex head</td>
<td>IBTKIT5</td>
</tr>
<tr>
<td>2&quot; Hex head</td>
<td>IBTKIT6</td>
</tr>
</tbody>
</table>

**ABS Plastic Sheet**

<table>
<thead>
<tr>
<th>Description</th>
<th>Codes</th>
</tr>
</thead>
<tbody>
<tr>
<td>12&quot;x12&quot;x1/16&quot; sheet</td>
<td>ABS116</td>
</tr>
<tr>
<td>12&quot;x12&quot;x3/16&quot; sheet</td>
<td>ABS316</td>
</tr>
<tr>
<td>12&quot;x12&quot;x1/8&quot; sheet</td>
<td>89-00-9031</td>
</tr>
<tr>
<td>8&quot;x12&quot;x1/8&quot; sheet</td>
<td>89-00-9025</td>
</tr>
<tr>
<td>17&quot;x21&quot;x1/8&quot; sheet</td>
<td>89-00-9032</td>
</tr>
<tr>
<td>12&quot;x12&quot; grid plate</td>
<td>89-00-9030</td>
</tr>
<tr>
<td>17&quot;x21&quot;x1/8&quot; sheet in white</td>
<td>W-ABS118L</td>
</tr>
<tr>
<td>12&quot;x16&quot;x1/18&quot; sheet in white</td>
<td>W-ABS118S</td>
</tr>
</tbody>
</table>
SOLDERING IRON KIT
WELLER SUPER PRO SELF-IGNITING BUTANE
SOLDERING IRON KIT
Professional quality, features “auto switch” safety shut-off and iron plated tip. Provides up to 125 watts of power.

IBPSI100K
.094 single flat tip (for use with the IBPSI100K) IBPSI12
.188 double flat tip (for use with the IBPSI100K) IBPSI18

SOLDER KIT
WELLER PROFESSIONAL SELF-IGNITING CORDLESS BUTANE
A lightweight, compact cordless butane soldering and hot air tool. Fast heat-up for high productivity, melts solder in less than 40 seconds. 25-75 watts.

IBP2KC
.031 single flat tip (for use with the IBP2KC) PPT1
.094 single flat tip (for use with the IBP2KC) PPT2
.031 double flat tip (for use with the IBP2KC) PPT5
.094 double flat tip (for use with the IBP2KC) PPT5

SOLDER
.040 rosen core solder 1 lb spool 60/40 kester SDR1
.062 rosen core solder .25 lb spool 60/40 SDR14
.040 rosen core solder 1 lb spool 60/40 economy ESDR-1
1 lb .062 aluminum solder ASDR1
2 oz. golden flux for ASDR1 only GFLUX2

ELECTRIC GLUE GUN/STICKS
Electric glue gun PRO4000A
8 STICKS PER BAG
Black hot melt stick 10” HMGS
Clear hot melt stick 10” HMGSC
Amber high strength stick HMAHS

3M DURAMIX
SEMI-RIDGE PLASTIC REPAIR 6.25OZ
Urethane plastic repair material for repairing damaged bumpers and re-building tabs. Can also be used to bond many dissimilar materials such as plastic, fiberglass and metal. Used for backside reinforcement repair on a variety of plastic.

3MO4240

SUPER FAST PLASTIC REPAIR 6.25OZ
A two-component adhesive that has a very fast gel and cure time. The two parts consist of a base side and an accelerator side. The two parts are always mixed together. Used for rebuilding tabs and fixing broken eyelets. Has excellent wide gap filling capabilities. Will not run or sag.

3MO4247

Duramix nozzle 3M08193
Applicator 3M08571
WORK LIGHTS
The Bayco hanging work light on 50ft. retractable reel is 60 LEDs on the body of a hanging worklight, giving you the ability to keep working longer. 60 LED Floodlight creates 120 Lumens. Dual-position magnet hook hangs horizontally and vertically.

- 60 LED w/50ft. 18/2 cord reel (SL864)
- 60 LED w/25ft. 18/2 cord (SL2125)
- 66 LED rechargeable spot with mag hook (SLR2166)

UTILITY KNIFE
RATCHET LOCK, 18MM CUTTER
Heavy-duty cutter features a with a uniquely designed, comfortable contoured, high-impact ABS plastic handle with a ratchet wheel blade locking mechanism. Unlimited blade adjustment. Includes LB Blade.

- OLFBNL
- 10/PK 18MM, 8 SEGMENTS PER STRIP (OLFLB10B)
- 10/PK 18MM, SNAP-OFF SPEED BLADE (OLFLFB)

SLIDE LOCK UTILITY KNIFE
9mm cutter features an ABS non-slip handle with a full length stainless steel blade channel. Auto-locking blade slider has micro, 26 blade stop positions. This compares to 13 on similar knives. Includes a pocket-clip/blade snapper which firmly attaches to the cutter.

- OLFAA1
- 10/PK 9MM, 13 SEGMENTS PER STRIP (OLFAB10B)
- 50/PK 9MM, 13 SEGMENTS PER STRIP (OLFAB50B)

SNAP-OFF GRAPHICS
STAINLESS STEEL KNIFE WITH 30 DEGREE ANGLE
The acute 30° angle easily cuts cardboard, plastics, Coroplast™, foam board, Gator Board and more. It features an auto-lock to firmly secure the blade in place while cutting. Pocket clip/blade snapper for convenience.

- OLFSAC1
- 10/PK 9MM, 7 SEGMENTS PER STRIP (OLFA1160B)
**TOP SHEET CUTTER**
Its unique design lets you cut the top layer while preserving those below. While the cutter is great for cutting coupons and printed articles, you also can use it on cardstock, thin films, plastic sheeting, tape and more.

OLFTS1
5/PK TOP SHEET CUTTER BLADE
Replacement blade for OLFTS1
OLFTSB1

**STAINLESS STEEL KNIFE**
Auto locking blade, stainless steel handle and built in safety blade stripper.

OLFA
10/pk ABS stainless blades OL9281
50/pk ABS stainless blades OL9282

**ECONOMY CUTTER**
Knife 13pt snap blade 114-58
10/pk replacement blades 114-62

**MULTI-PURPOSE SCRAPER**
Handy scraper features high-quality 2 1/3” stainless steel blades and strong, acetone resistant handles to efficiently tackle most conventional jobs.

OLFSCRL
Multi-grip 4-3/4” OLGSB-1S
Replacement blade for OLGSB-1S GSR13B

**STAINLESS STEEL KNIFE**
Auto locking blade, stainless steel handle and built in safety blade stripper.

OLFA
10/pk ABS stainless blades OL9281
50/pk ABS stainless blades OL9282

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OLFSCRL
Multi-grip 4-3/4” OLGSB-1S
Replacement blade for OLGSB-1S GSR13B

**CUSHION GRIP KNIFE**
INCLUDES 2 PRECISION ART BLADES
This versatile knife features an acetone resistant, anti-slip cushion grip handle for enhanced comfort and performance. The bottom is weighted slightly for better balance and stability in cutting. The anti-roll device offers safety and its quick spin, easy blade change delivers convenience. For right and left handed users.

OLFAK4
5/PK #11 PRECISION BLADE
Replacement blade for OLFAK4
OLFKB4S

**STANDARD DUTY CUTTER**
Rubber grip insert, positive side lock.

OLPA2
10/pk ABS stainless blades OL9281
50/pk ABS stainless blades OL9282

**ART KNIFE**
Art knife/weeding pick. 30 blades included.

OLFAK5

**EDGE SCISSORS**
7” STAINLESS STEEL, SERRATED SCISSORS
For heavy-duty cutting
OLFSCS2
5” PRECISION SMOOTH SCISSORS
Ideal for fine, intricate cutting
OLFSCS4
<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>RAZOR BLADES</td>
<td>100/pk single edge steel-back #12</td>
<td>IBBLADE</td>
</tr>
<tr>
<td>DISPENSER PACK</td>
<td>100/pk utility replacement blades</td>
<td>120-01</td>
</tr>
<tr>
<td>DAMPING MAT KNIFE</td>
<td>Retractable damping mat knife</td>
<td>IBMATKNIFE</td>
</tr>
<tr>
<td>CRIMPING/CUTTING TOOL</td>
<td>JOURNEYMAN Soft handle material on outer surface and hard, black material on inner surface for comfort &amp; durability. Use for insulated and uninsulated terminals &amp; connectors. Accommodates wire from 10-22 awg.</td>
<td>IBJ1005</td>
</tr>
<tr>
<td>CRIMPING/CUTTING TOOL</td>
<td>NON-INSULATED TERMINALS &amp; CONNECTORS 10-22 AWG Three different cutting blades; anvil, copper, curved and steel. Cleanly shears 6-32 &amp; 8-32 screws. Double-dipped comfort grips with curved handles.</td>
<td>IBJ1006</td>
</tr>
<tr>
<td>CRIMPING/CUTTING TOOL</td>
<td>INSULATED &amp; NON-INSULATED TERMINALS &amp; CONNECTORS 10-22 AWG Accommodates wire from no. 10 to 22 AWG. Specially hardened wire cutter in nose. Tapered nose design for working in tight spaces.</td>
<td>IB1005</td>
</tr>
<tr>
<td>SCRIBE</td>
<td>Ideal for marking most metal and softer materials.</td>
<td>IB31800</td>
</tr>
<tr>
<td>“O” RING AND SEAL</td>
<td>Ideal for marking most metal and softer materials.</td>
<td>IB31840</td>
</tr>
<tr>
<td>HAMMER CRIMPER</td>
<td>Large gauge</td>
<td>IBHDCRIMP</td>
</tr>
<tr>
<td>WIRE PULLER</td>
<td>Helps pull and/or push cable and wire in any difficult area not easily accessible to your hands. Bullet shaped tip for penetrating rubber boots, grommets and wire loom wraps. Flexible spring steel body aide wire installation in tight areas. 24” overall length.</td>
<td>MEG20</td>
</tr>
<tr>
<td>CRIMPING TOOL</td>
<td>6” AWG TO 4/0 COMPOUND All-in-one integral crimp nest with no removable parts or rotating dies. Adjustable screw allows user to control crimp depth.</td>
<td>IB2006</td>
</tr>
</tbody>
</table>

METRAMARINE.COM | 386.257.2956
CABLE CUTTER
KURVE MULTI
Three different cutting blades; anvil, copper, curved and steel. Cleanly shears 6-32 & 8-32 screws. Double-dipped comfort grips with curved handles.
IB63020

WIRE STRIPPER
KURVE MULTI
Cuts, strips and loops 12-26 solid and stranded wire. Convenient hole for looping or bending wire. Adjustable slide stop with set screw for repeat stripping work.
IB1004

WIRE STRIPPER CUTTER
IB11045

WIRE STRIPPER
MULTI PURPOSE
Strips 10-20 AWG wire, bend shapes, pulls and loops wire, coil springs.
IB1011

DIAGONAL CUTTERS
MIDGET LIGHTWEIGHT
5” lightweight. Shears wire up to 14 AWG with flush cutting action, compact head, steel hold-open spring, plastic-covered handles.
IBD275-5

DIAGONAL CUTTERS
MIDGET POINTED NOSE (4”)
Sharp pointed nose for precise tip cutting and trimming printed circuit boards. Spring loaded for self opening action.
IBD209-4

10" MULTI CRIMPER/CUTTER
Patented 3-in-1 quality crimping tool designed for quick splice T-tap clipping, wire cutting and connector crimping. Hot forged and specially heat treated alloy for extra durability.
TMT10

8" T-TAP CRIMPER/CUTTER
Patented 2-in-1 wire quick splice T-tap clipper and wire cutter. Hot forged and specially heat treated alloy for extra durability.
TTT08

CRIMPER
For stripping wires from 22-12 AWG. Professional, for crimping insulated terminals. Crimper made of carbon steel and hardened. Crimps red 22-18 AWG, blue 16-14 AWG, yellow 12-10 AWG.
HW-9013
CABLE CUTTER
Cuts up to 4 gauge
TCT8

5” STRIPPER & CUTTER
5” made of carbon steel and hardened with black-oxide finish.
HW-9006

UNIBIT
Double fluted design eliminates skidding and makes for easier resharping. Also features laser etched hole sizes, anti-skid tip and drill points so there is no pilot hole needed. Works with most metals.
13 increments fractional: 1/8”-1/2” IB59001
9 increments fractional: 1/4”-3/4” IB59003

BIT SET
32 PIECE STANDARD TIP SET
Durable PVC black block allows for easy storage of standard bits. Block slides over most screwdriver shafts for easy bit access and storage. Industrial strength, heat-treated steel bits for long-lasting use.
IB32526

OFFSET HI-SPEED HEAD
HEAVY DUTY 105° OFFSET
Here’s the same award-winning design as our smaller 105° head, but made for heavy-duty power units. Rated at more than 500 in/lbs of torque/2000rpm. It lets you get your power unit into tight spots with drills, spade drills, grinders, buffers, nuts and screws.
HD-105

SKREWDRIVER PRO®
The Skewdriver® is a bevel gear offset screwdriver that uses the rotary handle action of a regular screwdriver to access awkward and hard to reach places. The sturdy removable hollow handle allows use with any cord free 1/4” drill and acts as a handy storage for bits.
HW-9001

SKREWDRIVER PRO® KIT
The Skewdriver® Pro SPK4040 kit features an offset bit driver. A right-angle tool that’s perfect for removing the screws that secure some dash speaker grilles, getting to screws in hard-to-reach trim pieces, or working in tight quarters anywhere in your car or home.
SPK4040

SKEWDRIVER PRO® KIT
The Skewdriver® Pro SPK4040 kit features an offset bit driver. A right-angle tool that’s perfect for removing the screws that secure some dash speaker grilles, getting to screws in hard-to-reach trim pieces, or working in tight quarters anywhere in your car or home.
SPK4040

WRENCH SET
3/8” and 1/4” wrench set PBX 1400 Powerbox accessory with 7 piece english and metric sockets.
PBS-1438

GEAR DRIVER
Offset gear driver
RGS-5299

AIR SAW BLADES
Bi-metal blades designed for automotive and sheet metal work. 10 TPI blade is for scroll cuts in fiberglass and heavy gauge metal. 18 and 24 TPI blades are for scroll cuts in lighter gauge metal.

24TPI 1/2” ASB24
5 PACK
24TPI 1/2” ASB24-5
18TPI 1/2” ASB18-5
10TPI 1/2” ASB10-5

UNIBIT
Double fluted design eliminates skidding and makes for easier resharping. Also features laser etched hole sizes, anti-skid tip and drill points so there is no pilot hole needed. Works with most metals.
13 increments fractional: 1/8”-1/2” IB59001
9 increments fractional: 1/4”-3/4” IB59003

BIT SET
32 PIECE STANDARD TIP SET
Durable PVC black block allows for easy storage of standard bits. Block slides over most screwdriver shafts for easy bit access and storage. Industrial strength, heat-treated steel bits for long-lasting use.
IB32526

OFFSET HI-SPEED HEAD
HEAVY DUTY 105° OFFSET
Here’s the same award-winning design as our smaller 105° head, but made for heavy-duty power units. Rated at more than 500 in/lbs of torque/2000rpm. It lets you get your power unit into tight spots with drills, spade drills, grinders, buffers, nuts and screws.
HD-105

SKREWDRIVER PRO®
The Skewdriver® is a bevel gear offset screwdriver that uses the rotary handle action of a regular screwdriver to access awkward and hard to reach places. The sturdy removable hollow handle allows use with any cord free 1/4” drill and acts as a handy storage for bits.
HW-9001

SKREWDRIVER PRO® KIT
The Skewdriver® Pro SPK4040 kit features an offset bit driver. A right-angle tool that’s perfect for removing the screws that secure some dash speaker grilles, getting to screws in hard-to-reach trim pieces, or working in tight quarters anywhere in your car or home.
SPK4040

WRENCH SET
3/8” and 1/4” wrench set PBX 1400 Powerbox accessory with 7 piece english and metric sockets.
PBS-1438

GEAR DRIVER
Offset gear driver
RGS-5299

AIR SAW BLADES
Bi-metal blades designed for automotive and sheet metal work. 10 TPI blade is for scroll cuts in fiberglass and heavy gauge metal. 18 and 24 TPI blades are for scroll cuts in lighter gauge metal.

24TPI 1/2” ASB24
5 PACK
24TPI 1/2” ASB24-5
18TPI 1/2” ASB18-5
10TPI 1/2” ASB10-5

UNIBIT
Double fluted design eliminates skidding and makes for easier resharping. Also features laser etched hole sizes, anti-skid tip and drill points so there is no pilot hole needed. Works with most metals.
13 increments fractional: 1/8”-1/2” IB59001
9 increments fractional: 1/4”-3/4” IB59003

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Durable PVC black block allows for easy storage of standard bits. Block slides over most screwdriver shafts for easy bit access and storage. Industrial strength, heat-treated steel bits for long-lasting use.
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HD-105

SKREWDRIVER PRO®
The Skewdriver® is a bevel gear offset screwdriver that uses the rotary handle action of a regular screwdriver to access awkward and hard to reach places. The sturdy removable hollow handle allows use with any cord free 1/4” drill and acts as a handy storage for bits.
HW-9001

SKREWDRIVER PRO® KIT
The Skewdriver® Pro SPK4040 kit features an offset bit driver. A right-angle tool that’s perfect for removing the screws that secure some dash speaker grilles, getting to screws in hard-to-reach trim pieces, or working in tight quarters anywhere in your car or home.
SPK4040

WRENCH SET
3/8” and 1/4” wrench set PBX 1400 Powerbox accessory with 7 piece english and metric sockets.
PBS-1438

GEAR DRIVER
Offset gear driver
RGS-5299
### CIRCUIT TESTER
Hooded probe protects your fingers and automatically centers the wires. Small size allows easy use even in the tightest places. Works up to 28volts.

**IB25600**

### TEST LIGHT/CIRCUIT TESTER
Helps to quickly identify if there is voltage present on wiring and circuits. Ergonomic grip design with 6 ft. test leads. Transparent handle shows bright LEDs to identify connections: Green = ground present, red = voltage present

**3410**

### TONE GENERATOR
**NAVONE ENGINEERING**

**IBR68**

### TONE GENERATOR
**SPK POLARITY/ RCA CABLE TESTER**
- Speaker tester with 9volts
- RCA cable tester
- Easy to use control knobs
- Auto off function

**IBN-899**

### AUTO-RANGING DMM 10 MEGOHM/UL
Auto-ranging™ scales eliminate the need to dial in the correct range when making electronic measurements. 10 MegOhm input impedance for safe automotive and household uses. Large digital display. Single-setting resistance function for voltage (AC & DC). Color-coded LED’s display battery quick check. Protective rubber corner guards for drop protection. Includes attachable test leads, holders and stand.

**3320**

### PHASE TESTER 10 MEGOHM/UL
Allows the install technician to verify the absolute phase of each speaker in the system, both individually and as a group. Features a built-in microphone and comes with a test CD that includes in polarity and out of polarity pulses (in addition to 11 other useful test tracks). Adds a built in pulse generator for both speaker level and low level connections directly to a component (speaker amplifier, signal processor, etc). The PT-9A also comes with a protective carrying case and test leads.

**EA-PT9A**

### PISTOL & VOLT PROBE
**HI-VIS VOLTPRO CIRCUIT TESTER**
High visibility, simple to use, one handed dynamic voltage testing. Indicates power and grounds. Test the circuit’s ability to deliver current and identify loose, corroded or broken wires. Capture intermittent spikes or drops in voltage. Take voltage snapshots in any mode.
- Dynamic voltage drop testing
- Power and ground LED indicators
- Min/max glitch capture
- Voltage snapshot

**76600**

### MULTIMETERS
**MANUAL**
- Measures up to 600volt AC/DC voltage, 10amps AC/DC current and 2MΩ resistance
- Measures capacitance, temp., frequency, duty-cycle, and test diodes

**MM300**

**AUTO**
- Measures up to 600V AC/DCV, 10A AC/DC current and 40MΩ resistance
- Measures capacitance, temp., frequency, duty-cycle, and test diodes and continuity
- CAT III 600V safety rating

**MM400**
TERMS:
Net 30 days from date of invoice on approved accounts. Minimum order: $50 per invoice, orders less than required minimum incur a $20 service charge.

FREIGHT:
Freight on board (F.O.B.) from point of shipment. Freight will be charged on all drop-shipment orders.

CREDIT:
In order to establish a credit line with Metra, an application for credit must be submitted listing a minimum of five (5) trade references and a bank with their addresses and phone numbers and must be signed by a principal or authorized officer of the company. A credit line will be established by our credit manager and must be maintained in a current status according to our terms (net 30 days). Credit not established or revoked requires remittance with order. Returned checks are subject to a fee of $32.00.

RESALE TAX EXEMPTION CERTIFICATE:
CA, TX, KY, NJ & FL customers must provide a valid resale card before an order can be placed.

CLAIMS:
Title and risk of loss passes to buyer at F.O.B. shipping point and all claims must be filed with carrier. Any discrepancies must be reported to Metra within ten (10) days of receipt of shipment.

RETURNS:
All sales are final. No returns or exchanges will be allowed without prior written authorization from Metra. All returns are subject to a 20% handling charge, must be in a saleable condition, and must have been purchased within sixty (60) days of return request. No stock balancing permitted. Copies of invoices must be mailed in advance for any return authorization (R.A.).

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