Overview

With increases in automobile traffic come a correspondingly high need for features that increase pedestrian safety. To meet this growing need, U.S. Traffic Corporation provides the LED Pedestrian Hand/Man Module with LED Countdown, also known as the Model LEDP-HMC-002 Countdown Ped signal.

Utilizing innovative design and the latest in LED technology, the LEDP-HMC-002 combines highly visible Hand/Man symbols with an easy-to-read countdown display providing a variety of countdown modes for Walk or Pedestrian Clearance cycles.

Manufactured under the industry-leading Indicator Controls brand, the module also offers all the energy-saving and low maintenance benefits of LED.

The LED Ped Hand/Man Countdown Module from U.S. Traffic... putting pedestrian safety first!

Features & Benefits

- Compatible with most 16” Pedestrian Signal Housings
- Seven-segment countdown display and Hand/Man symbols use latest in energy efficient LED technology
- User selectable modes provide countdown for Walk and/or Pedestrian Clearance cycles
- Optional factory-preset modes of operation with no external switches
- Provides uniform light dispersion of Hand/Man symbols minimizing LED “pixel” effect
- Hand/Man symbols conform to all applicable ITE and Caltrans electrical requirements
- Complies with MUTCD requirements
- Available installed in housing or as easy-to-install retrofit kit
- Reduced maintenance, No special tools needed to install

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General Specifications

**Property** | **Description**
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Voltage range | 80V to 135V AC; normal 120V AC (less than 10% variation in intensity)
Power | 10 Watt Hand; 7 Watt Man; aver. 3 Watt Digits
Operating temperature | -40°C to +74°C
Storage temperature | -40°C to 93°C
Power factor correction | > 0.90
Total harmonic distortion | < 20%
Brightness | Hand (minimum intensity) > 3750 cd/m²
| Man (minimum intensity) > 5300 cd/m²
Color | Hand/Digits - Portland Orange; Man - Lunar White
Wavelength nominal | Hand/Digits - 605 nm; Man - n/a
Dimensions | 18” x 16” x 4.5”
Weight | 5 lbs

General Specifications

The LED Pedestrian hand/man module shall have a warranty of two (2) years against manufacturing defects.

### Features & Functions

- Seven segment LED digits provide countdown for Walk and/or Pedestrian Clearance cycles
- Countdown logic circuitry uses AC power input to derive timing data for the intersection
- User selectable or optional factory preset modes for countdown functions (See Display Mode Table)
- Hand/Man symbols conform to all applicable ITE and Caltrans requirements
- Complies with MUTCD requirements
- Meets the NEMA TS2 Standard for voltage surge protection
- Fuse and transient suppressor incorporated for line and load protection
- LEDs interconnected to minimize effect of LED failure
- Meets the FCC regulations regarding emission of electronic noise
- Special configuration eliminates LED “hot spots” and overlays Hand and Man symbols while providing clear and distinct illumination when either symbol is in use
- Compatible with most load switches, flashers, and conflict monitors and controllers
- Incorporates advanced temperature compensation to ensure uniform luminance over the full operating temperature range
- Fully encapsulated in dust and moisture-tight enclosure made of ABS plastic
- Meets or exceeds NEMA Moisture Resistance STD 250-1991 for Type 4 enclosures (ITE 6.4.6.2 Moisture Resistance)
- Compatible with most 16” Pedestrian Signal Housings
- Available complete with housing or as easy-to-install retrofit kit
- Easy installation, no tools required
- Reduced maintenance
- Outlasts incandescent and neon
- Maximum cost effectiveness through low power consumption and high power factor
- Utilizes latest AlInGaP and InGaN technology

### Display Mode Table

<table>
<thead>
<tr>
<th>User Selectable Mode</th>
<th>Factory Preset Mode</th>
<th>Counter Display</th>
</tr>
</thead>
<tbody>
<tr>
<td>(LEDP-HMC-002)</td>
<td>DON’T WALK</td>
<td>WALK</td>
</tr>
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