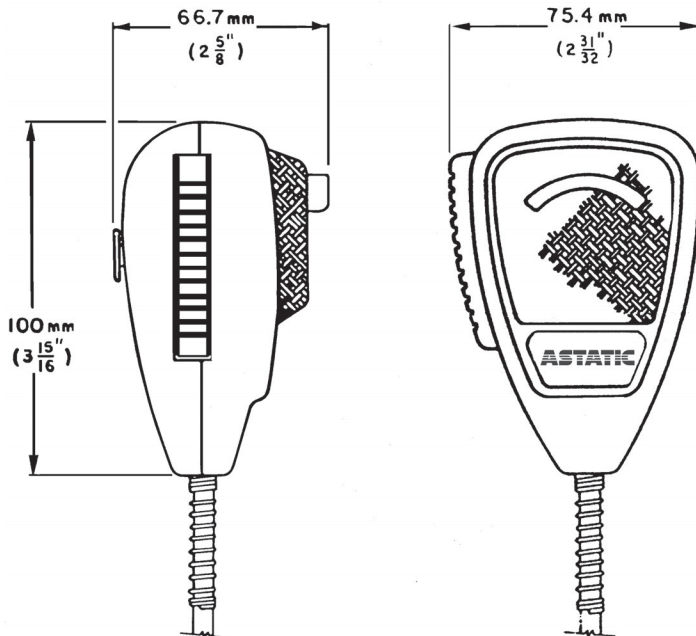


### Description

The Astatic Model 631L is a noise cancelling dynamic microphone designed for close talking, hand held applications in quality sound installations where background noise is a problem. The frequency response, especially tailored for voice communications, provides a crisp, clear, highly intelligible sound with 360 degrees minimization of background noise. A soft lip guard is positioned to assure proper close talk voice spacing by the operator. The Model 631L, with modern "tear drop" styling, offers extreme reliability, convenient handling, rugged construction and high performance for years of dependable service.

The dynamic cartridge has a rugged polyester diaphragm which resists moisture, temperature extremes, most acids, alkalies and solvents. Molded in high impact Cylolac, the Model 631L comes with a permanently attached, heavy duty, four conductor, two shielded, coil cord. The 631L has a simple to operate DPDT long life, trouble free switch. The Model 631L has a low impedance output and is factory wired normally open. The Model 631L may be rewired in the field if a line shorting function is desired.



### APPLICATIONS

The Astatic Model 631L, because of its' professional sound and rugged construction and highly effective background noise reduction capabilities, is an excellent choice for any application requiring a hand held, noise cancelling microphones for difficult noise environments such as factories, airports, restaurants, mills, etc. and for two-way communications in taxicabs, buses, airplanes, helicopters, construction, police and fire vehicles, etc.



**Specifications**

**Element:**

Dynamic noise cancelling

**Frequency Response:**

100 to 5000 Hz

**Output Level:**

-58 dB (0 dB = 1mw / 10 microbars)

-80 dB (0 dB = 1 volt / microbar)

1.0 mV/PA

**Impedance:**

200 ohms, matches 50 to 1000 ohms

**Cable:**

Four conductor, two shielded, permanently attached, heavy duty, coil cord that extends to 1.8m (6 ft.)

**Switch:**

Operated by press-to-talk lever, DPDT long life, trouble free switch with spring return, has smooth feel. Wired normally open

**Housing:**

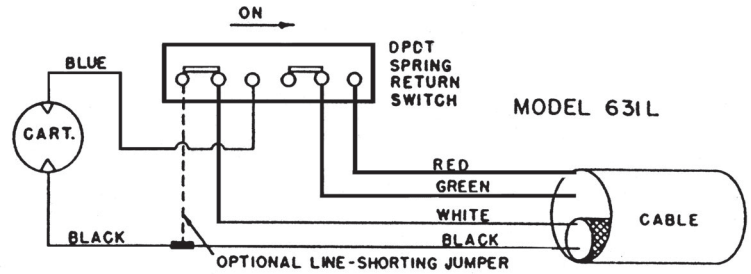
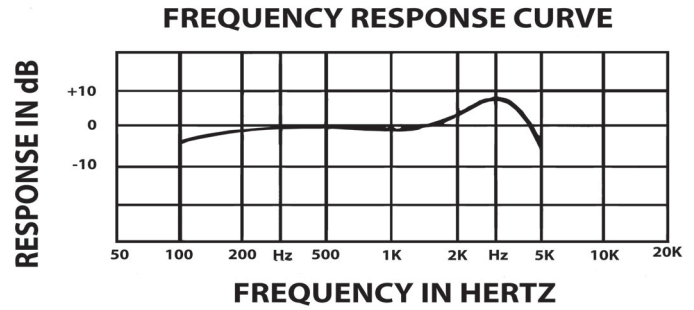
Durable molded black Cycolac

**Dimensions:**

100mm (3-15/16") high x 75.4mm (2-3/32) wide x 66.7mm (2-5/8") deep

**Weight:**

284 grams (10 oz.)



The model 631L may be rewired in the field. If a line-shorting function is desired, remove the rear housing and add a jumper wire as indicated

**TWO-YEAR LIMITED WARRANTY**

Omnitronics, LLC ("ASTATIC") hereby warrants that this product will be free of defects in material and workmanship for a period of two years from the date of purchase. In the unlikely event a defect occurs ASTATIC will, at its option, either repair or replace with a new unit of equal or greater value. You should retain proof of purchase to validate the purchase date and return it with any warranty claim. Return warranty claims carefully packed, insured and prepaid to the Service Department, 341 Harbor St. • Conneaut, OH 44030.

This warranty excludes exterior finish or appearance, damage from abuse, misuse of the product, use contrary to ASTATIC's instructions or unauthorized repair. All implied warranties or merchantability or fitness for a particular purpose are hereby disclaimed and ASTATIC hereby disclaims liability for incidental, special or consequential damages resulting from the use or unavailability of this product.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above exclusions and limitations may not apply to you.

Note: No other warranty, written or oral is authorized by Omnitronics, LLC

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