



Commercial Audio Products

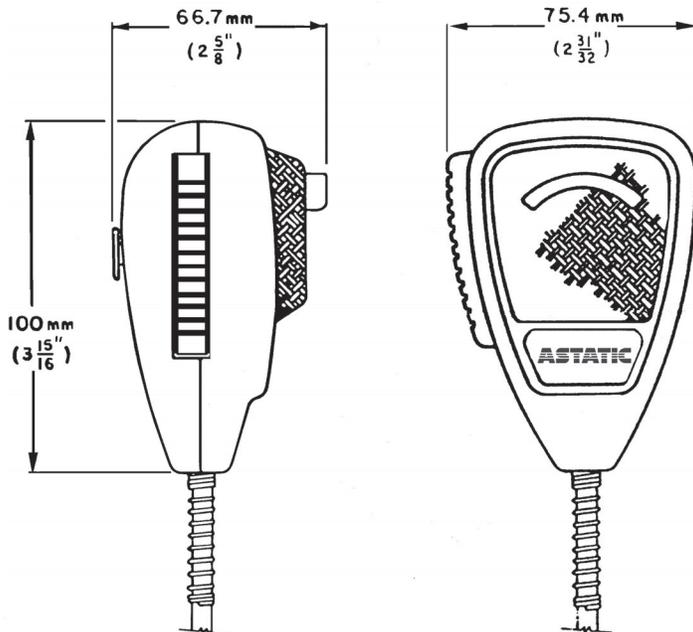
# 631L

## DYNAMIC NOISE CANCELING MICROPHONE

### 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:

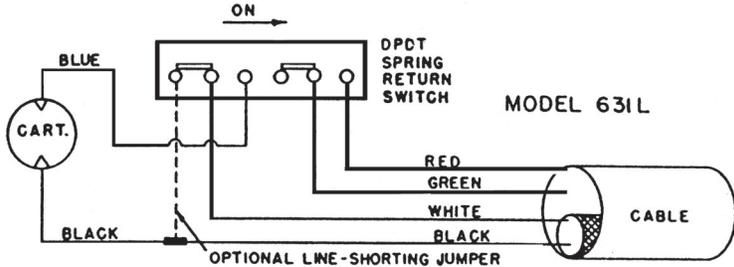
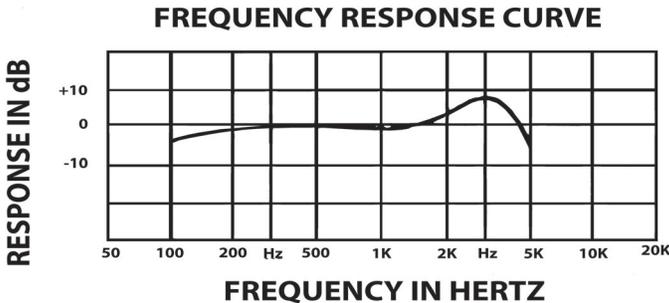
Durable molded black Cycholac

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

