

# Apex940

## DYNAMIC CAROID

**APPLICATIONS:** Vocals, Announcements

### DESCRIPTION:

Apex dynamic handheld microphones are designed to provide an optimum, cost-effective solution to a wide variety of sound reinforcement, stage and recording applications. All are engineered to deliver smooth accurate response, full bottom end and sparkling highs with sound characteristics identical to those of similar, much higher-priced industry standard models.

### FEATURES:

#### Ergonomics & Construction

Apex microphones are finished in textured, matte coating to reduce unwanted glare and provide a secure, non-slip grip. The heat treated metal ball grilles are soldered and welded to threaded bases to form extremely rugged assemblies which can withstand ten times the shock loading of traditional microphones. In addition to providing protection to the microphone, the grilles also serve to reduce extraneous noise via a multi-stage windscreen.

Secure connections are assured through the use of high quality connectors and all cables include built-in strain relief fittings. Some microphones are equipped with a slide switch specifically designed to minimize mechanical noise and to provide a positive and secure action. These long-life switches have been tested to 10,000 on/off cycles with no noticeable degradation in performance.

#### Design & Components

The Apex940 has a cardioid polar pickup pattern which enhances sound isolation by increasing sensitivity in the area in front of the microphone. This minimizes bleed-through from extraneous sound sources and reduces feedback. Additionally, proximity effect contributes to a fuller sound in most vocal models while a unique filter incorporated into the design reduces breath noise and the popping caused by explosive consonants such as 'B', 'P' and 'T'.

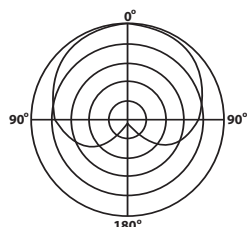
#### Cartridges

The patented Apex cartridges consist of a one-piece molded unit which provides exceptional reliability and durability. Computer-refined design precisely and permanently aligns the magnet, pole piece and yoke into a single rigid unit. This discrete component is extremely resistant to shock and allows the microphone to withstand the rough use associated with life on the road.

- Dynamic Cardioid Pickup Pattern
- Low Impedance
- On/Off Switch

### POLAR PATTERN:

Cardioid



### SPECIFICATIONS:

Type	Dynamic
Polar Pattern	Cardioid
Frequency Response	60Hz to 12kHz (+/- 3dB)
Sensitivity	-75dB (+/- 2dB @ 1kHz 0dB=1V/Pa)
Maximum Input SPL	125dB
Output Impedance	600 ohms
Signal to Noise Ratio	>50dB
Connector	3-pin XLR-M

### ACCESSORIES:

XLR to 1/4-inch mic cable