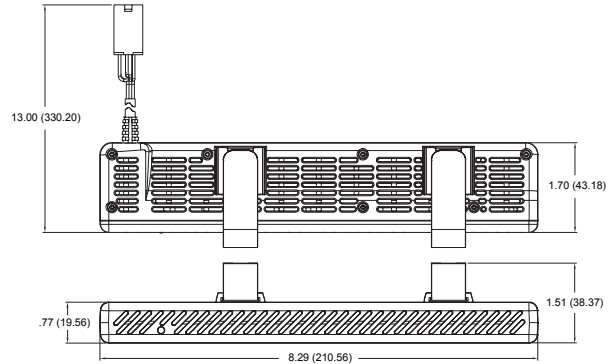


DA-350 HANDS FREE LINEAR ARRAY MICROPHONE



The Andrea DA-350 is a linear multi-element array microphone with Digital Signal Processing (DSP) circuitry contained within a single microphone housing. The DA-350 is ideal for achieving superior voice intelligibility and accuracy of Automatic Speech Recognition (ASR) system performance in high noise environments. The microphone's patented Digital Super Directional Array (DSDA) adaptive beam forming algorithm technology achieves focused sensitivity, thus canceling noises outside the desired listening direction. The microphone also incorporates Andreas' patented PureAudio noise reduction algorithm for eliminating repetitive and defused noise within the desired speech signal. For Automotive applications, the DA-350 comes with mounting clips designed to attach the microphone to the sun visor or windshield molding, unobtrusive from the drivers vision while enabling hands-free far-field placement.

MARKET APPLICATIONS

Telematics, AutoPCs, Mobile Multimedia Systems, Hands-Free Carphone Kits and Global Positioning Systems (GPS).

The DA-350 is offered with four different cable termination configurations:

- C1-1020000-3: 3.5mm mic plug and hardwire for power
- C1-1020000-7: 3.5mm mic plug and cigarette lighter power plug
- C1-1020000-6: 3.5mm mic plug w/t USB audio adapter and hardwire for power
- C1-1020000-4: 3.5mm mic plug w/t USB audio adapter and cigarette lighter power plug

Optional external reference signal input for siren echo cancellation.
 EMI and environmental testing certified by the Visteon Corporation.
 In-vehicle tested and approved for Police and Emergency vehicles by the Visteon Corporation.

SPECIFICATIONS:

Sensitivity: (0 dB = 1V/Pa; f = 1kHz)	63 mV	4 dBV	+/- 2dB
Supply Voltage:	12 V	Car Battery	Low Current Consumption
Directivity:	Super Directivity (DSDA) (See Polar Plot)		
Output Line Level:	2 V RMS Max.		
Output Impedance:	<100 Ohm		
Equivalent Noise Floor:	Max. 30 dB SPL		
Max. Input Sound Level:	110 dB SPL (1 kHz, THD <2%)		
Max. Storage Ambient Temperature Range:	-40 to +85 °C		
Max. Operation Ambient Temperature Range:	-25 to +70 °C		