



PROFESSIONAL MICROPHONES

# C400S

## Large Diameter Condenser Microphone

### Description

The C400S is a large diameter, single pattern, condenser microphone. High sensitivity and low distortion make this microphone an ideal candidate for recording, broadcast, sound reinforcement, and vocal applications. The capsule in the C400S features a 1 inch gold vapor deposited diaphragm.

### Hi-Pass

The C400S has an internal, switchable hi-pass filter to reduce pickup of low frequencies. To access the switch, first remove the swivel mount by unscrewing the knurled ring. Then unscrew the lower body adaptor and slide the housing off. The hi-pass switch is located on the printed circuit card. Push the switch in to enable the hi-pass filter.

### Power

The C400S requires standard 48 Volt phantom power.

### Power Indicator

The LED indicator on the front of the microphone lights when 48 Volt phantom power is applied.

### Swivel Mount

The C400S comes with a swivel mount that will fit any standard 5/8" x 27 threaded microphone stand. The swivel mount can be removed by unscrewing the knurled ring on the bottom of the microphone.

### CAD Quality

All C400S microphones are audio tested and inspected prior to shipment. Our absolute commitment to quality insures that CAD microphones remain the **Best Value** in today's competitive industry.



## Specifications

### Generating Element:

Externally Biased True Condenser

### Polar Pattern:

Unidirectional (Cardioid)

### Frequency Response:

30 Hz - 16 kHz

### Sensitivity:

-58.5-dB 0dB= 1 V/uBar @ 1 kHz

11.9 mV / PA

### Impedance:

Less than 200 ohms

### Equivalent Noise Level:

Less than 26dB (A-weighted)

### Finish:

Matte Black

### Power:

48 Volts Phantom Power

### Connector:

3 pin XLR type

### Phasing:

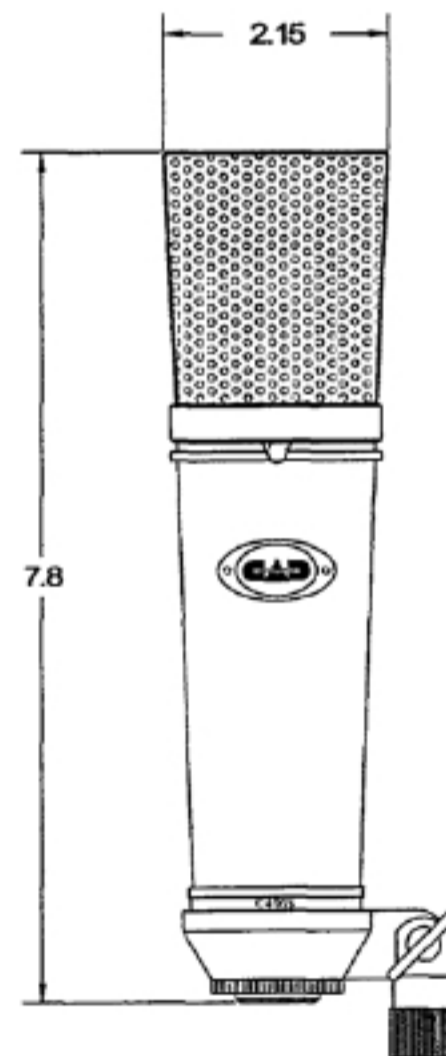
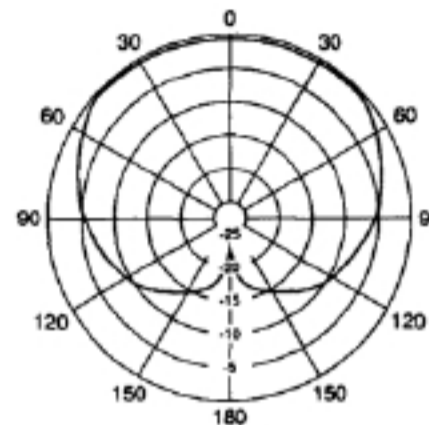
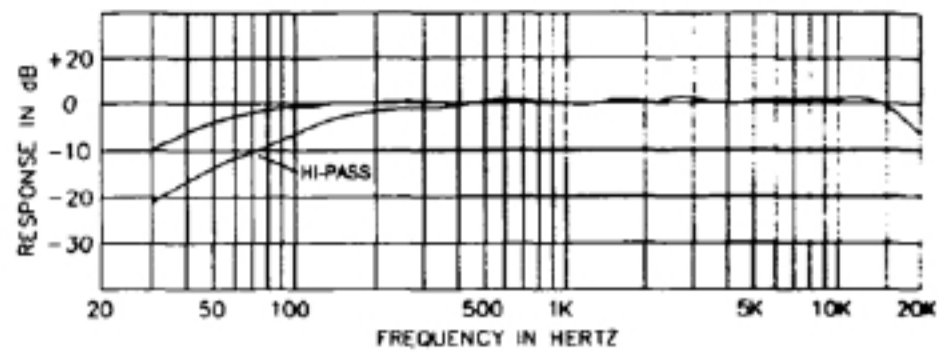
Positive diaphragm pressure produces a positive voltage on pin 2 with respect to pin 3.

### Dimensions:

2.15" x 7.8" (54mm x 198mm), Mic only

### Weight:

16 oz (5 10 grams) Mic only



## ONE -YEAR LIMITED WARRANTY

CTI Audio, Inc. ("CAD") hereby warrants that this product will be free of defects in material and workmanship for a period of one year from the date of purchase. In the unlikely event a defect occurs CAD 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 reports it with any warranty claim. Return warranty claims carefully packed, insured and prepaid to the Service Department at the address listed below.

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

This warranty states your 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.

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