

# CS-301

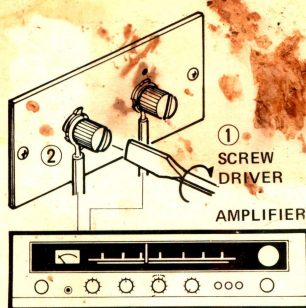


## OPERATING GUIDE

### HOW TO CONNECT CS-301

Connect the positive (+) output terminal of your amplifier with the positive (+) input terminal of the CS-301 and the negative to negative. Do not reverse these polarities.

1. Loosen the CS-301 terminals with a screwdriver.
2. Wind amp's lead wires around them, then secure the terminals firmly.



### NOTES FOR PROPER USE

#### CONNECTION

Incorrect connections produce "out of phase" speaker performance. This results in a loss of bass response and an absence of the stereo effect.

#### IMPEDANCE

The nominal impedance of the CS-301 is 8  $\Omega$ . It can be connected to any amplifier or receiver with a specified load impedance between 4 and 16  $\Omega$ .

#### ALWAYS KEEP THE ENCLOSURE CLEAN

The enclosure is walnut grain vinyl finish. Polish it with a polishing cloth or a soft dry cloth periodically. For the surface protection, do not use chemicals such as insecticides or volatiles. Also avoid using furniture wax or benzene.

#### EXCESSIVENESS ONLY TO DETERIORATE QUALITY

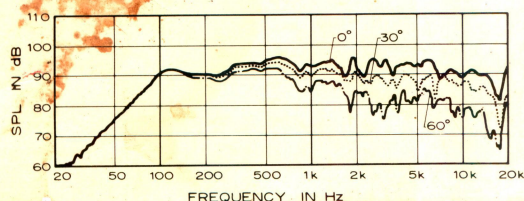
The maximum input power of this model is 40W. Be careful not to turn volume to the extreme right. Otherwise this may impair not only tone quality but speaker itself.

### SPECIFICATIONS

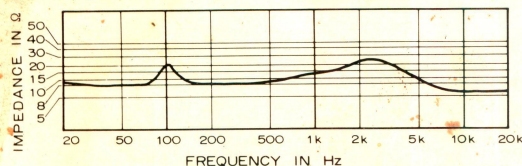
Enclosure	Bass-reflex type
System	2-way 2-speaker system
Loudspeakers:	
Woofer	25cm (10 in.) cone type
Tweeter	Horn type
Frequency Range	50 to 20,000Hz
Nominal Impedance	8 $\Omega$
Sensitivity	94 dB/W at 1m distance
Maximum Input Power	40W
Crossover Frequency	5,200Hz
Dimensions	320(W) x 510(H) x 220(D)mm 12-5/8(W) x 20-1/16(H) x 8-11/16(D) in.
Weight	10.2kg/22 lb 7 oz.

**NOTE:** Specifications and the design subject to possible modification without notice due to improvements.

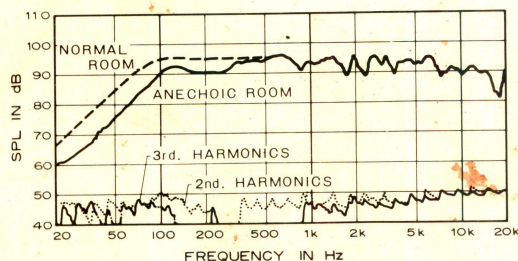
#### FREQUENCY RESPONSE



#### IMPEDANCE



#### HARMONIC DISTORTION



**PIONEER ELECTRONIC CORPORATION**  
15-5, 4-Chome, Ohmori-nishi, Ohta-ku, Tokyo, Japan  
**U.S. PIONEER ELECTRONICS CORPORATION**  
178 Commerce Road, Carlstadt, New Jersey 07072 U.S.A.  
**PIONEER ELECTRONIC (EUROPE) N.V.**  
Meir-center, Meir 21, 2000 Antwerp, Belgium