

Literature APPLICATION Guide

Medical Speakers (No Circuitry) IEC 60601-1-8 AMD2 (2020)



Approved to IEC 60601-1-8 AMD2 (2020)

UL File # MDAF2.E480572

cUL File # MDAF8.E480572

The user needs to apply a square wave at the rated drive frequency (325 Hz).

This results in a sound with one frequency component < 1 kHz and at least 4 frequency components between 150 Hz and 4 kHz. Also, the relative sound pressure levels of the four frequency components with the largest sound pressure levels will be within 15 dB of each other.

It is up to the user to adjust the square wave signal to meet the rise & fall times, and pulse timings listed in Tables 3 & 4.

IEC 60601-1-8 Mounted Speaker (No Circuitry)

Part Number	Typical Sound Level @ 10 cm	Freq (Hz)	Operating Voltage (Vp-p)	Speaker Impedance (Ohm)	Rated Power (Watts)	Max Power (Watts)	Dia x Hgt (mm)	Housing Type
PC Pins- Sealed								
MSS300R	85 dBa	325	2.8 Vpp	8	0.25	0.5	23 x 13.5	2 PC Pins
SBS300PC	95 dBa	325	2.8 Vpp	8	1.0	1.5	44.5 x 15	2 PC Pins
Flange with Bare Wires								
SBS300FL	95 dBa	325	2.8 Vpp	8	1.0	1.5	61.5 x 15	Flange w/Bare Wires

Call 317-612-1000 or Visit www.mspindy.com for More Details