

MUSC 300

HIGH POWER DRIVER UNIT



BACKGROUND

HIGH POWER DRIVER UNIT

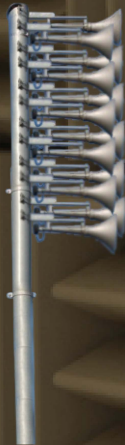
High power compression driver (MUSC300) has been developed by MU Solvers Co., Ltd. under the guidance of Dr. S. L. Lee (Ph.D in acoustics) from Acoustics Lab. in Seoul National University which produces outstanding individuals. High power compression driver (MUSC300) with world's highest power & sensitivity, which is the core output of a world-class R&D of compression driver engineers, is expected to be supplied to worldwide civil defense & PA companies.



Conventional compression driver(100W/110dB)



MUSC300



Horn Speaker using the MUSC300

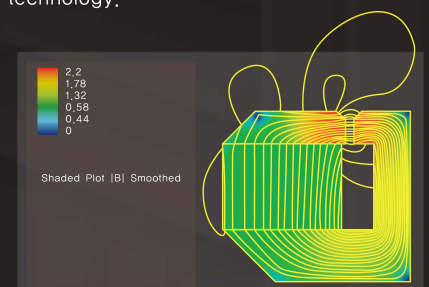
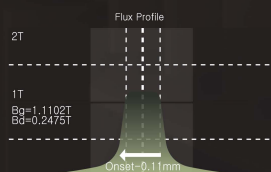
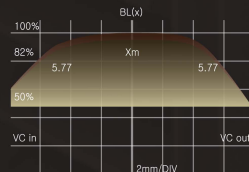
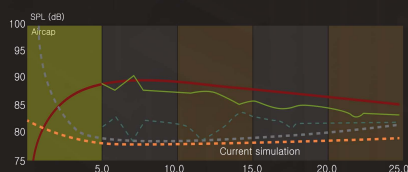
FEATURE

HIGH POWER DRIVER UNIT

High Power

MUSC300 is independently developed by the companies, integrating acoustic engineering into cutting edge technology for the fabrication of compression driver, and its voice coil is designed to operate under 300W continuous output condition.

The voice coil with excellent heat-resisting world's highest sound output, which is combined technology.



APPLICATION AREA

HIGH POWER DRIVER UNIT



Disaster Prevention System



Civil Defense system



Long range speech transmitting System

Application Area

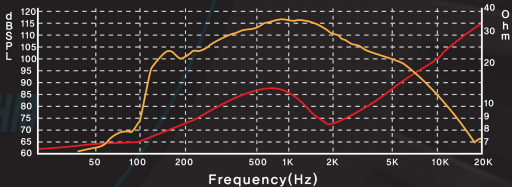
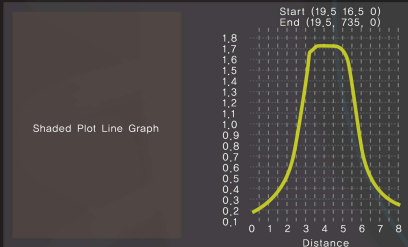
Voice commander (military)	Voice command to civilian. Fire control Transfer information between units. Forces command/ control.
Crowd control (police)	Assembly crowd control Broadcast vehicles/ police cars/ motor sprinkler. Coast guard ship/ fishery patrol ship for broadcast. Enforcement illegal parking/ stop vehicles.
Disaster/ Fire/ Civil defense system	Forest fire prevention Fire protection/control High rise building fire control Fire engine/Ambulance/Ship Disaster broadcast
Public announcement	Town/village broadcast School/ offices outdoor broadcast Election campaigns Public speech Wayside speech



High Efficiency

function is also independently designed for with **Active Heat-Dispersion** with its own

MUSC300 provides excellent efficiency of 117dB/1W by the compression driver with the highest existing efficiency. Carrying light-weight diaphragm vibration design with 3D scanning & the most advanced computer modeling technology, it maximizes its operating efficiency while also minimizes partial vibration.



[Frequency Response]



SPECIFICATION

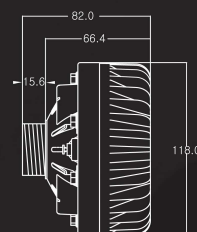
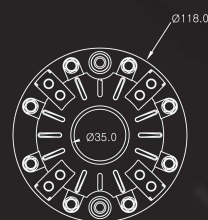
HIGH POWER DRIVER UNIT

Specification

Power Rating , Watt	300
Frequency Range , Hz	150 ~ 5000
Impedance , ohm	8
Sound Pressure Level , 1000Hz Rated Power/m , dB	142
1 Watt/m , dB	117

DIMENSIONS

Diameter x Height , mm	118 X 82
Voice Coil Diameter , mm	66
Color / Finish	Black / Epoxy
Net Weight , Kg	2
Magnet	Neodymium



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