

TU-660

DRIVER UNIT 60W



The TU-660 is a highly intelligible driver unit suited to public address announcement applications. Use the driver unit in combination with a suitable horn (option). Its powder-coated finish and stainless steel screws ensure the unit's weatherproof capability. Also employing a newly developed ring diaphragm ensures the unit's high frequency characteristics.

Key features

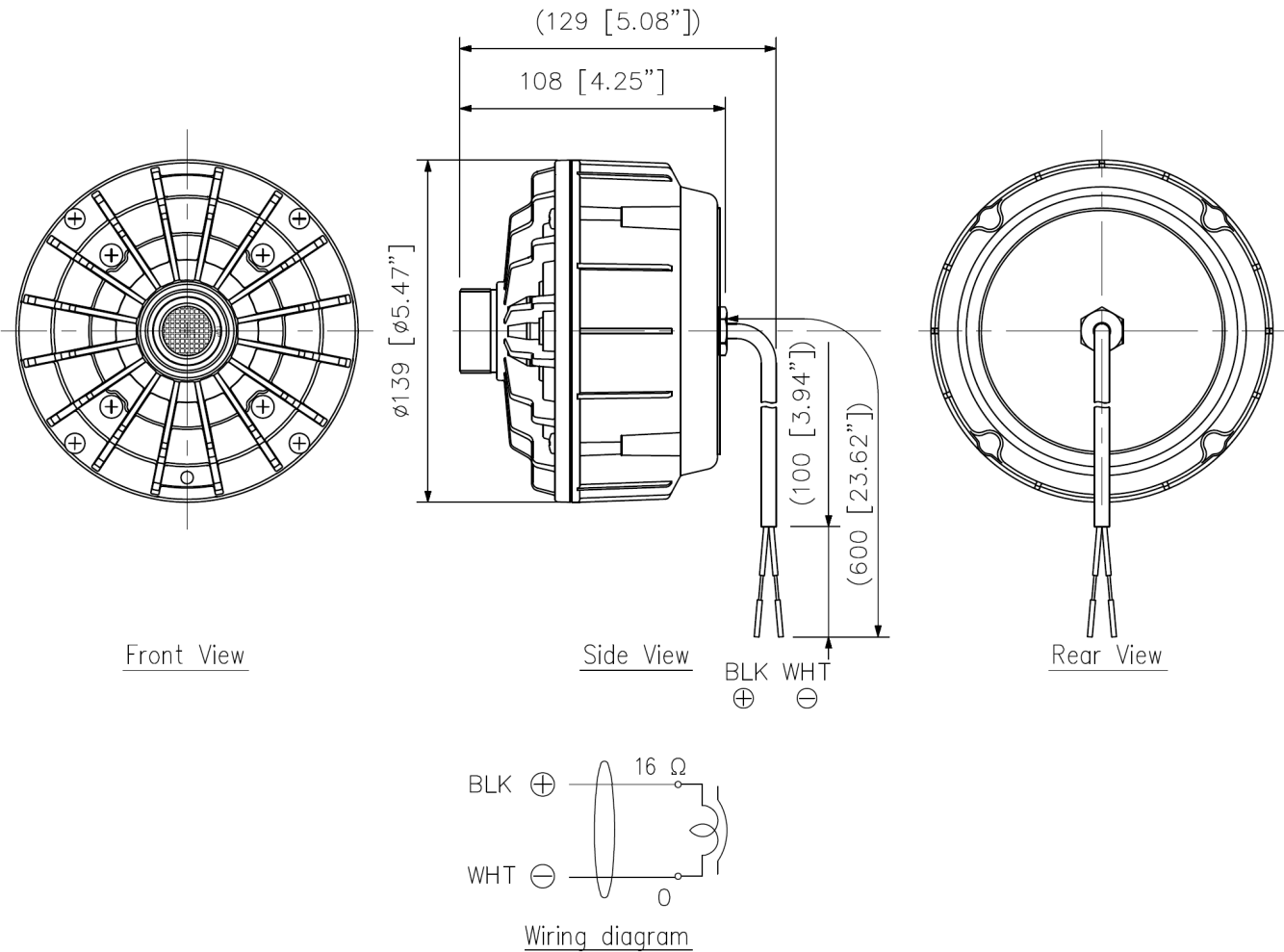
- High quality sound
- High SPL
- High durability

Specifications

| | |
|-----------------------|---|
| Horn Coupling | 1 -3/8 18 threads (inch screw) |
| Rated Input | 60 W |
| Impedance | 16 Ω |
| Sensitivity | 110 dB (1 W, 1 m) (When operated with JIS C 5504 standard horn.) |
| Frequency Response | 150 Hz -8 kHz (When operated with JIS C 5504 standard horn.) |
| Polarity | Hot: Black, Com: White |
| Dust/Water Protection | IP65 (When a driver is operated with a horn.) |
| Operating Temperature | -20 °C to +55 °C (-4 °F to +131 °F) (no condensation) |
| Finish | Flange: Aluminum, gray, powder coating Rear cover: ABS resin, gray Screws: Stainless steel Speaker cable: Polyvinyl chloride insulated cabtyre cable (6 mm (0.24") in diameter, 600 mm (23.62") in length) |
| Dimensions | ø139 x 108 (D) mm (ø5.47" X 4.25") |
| Weight | 2 kg (4.41 lb) |
| Optional Accessories | Driver unit cover: UC-200A Matching transformer: TM-30T, TM-60T |

Note: Avoid installing the speaker in locations which vibrate considerably, or under environments easy to be oil-contaminated. Doing otherwise may result in an accident such as falling of the unit.

Dimensions



UNIT:mm

Note: Numerical values in parentheses are for reference only.

A&E specifications

The driver unit shall be designed to operate in combination with a standard type horn for the purpose of broadcasting speech and music internally and externally and shall have a smooth frequency response between 150Hz to 8kHz. The driver unit shall produce a Sound Pressure Level (SPL) of 110 dB on axis at 1 meter with a power input of 1 watt and shall be capable of producing 60 watts of continuous power and have a nominal impedance of 16 Ohms. The driver unit shall employ the newly developed polyimide ring-type diaphragm construction that improves frequency characteristics and shall be housed in a grey aluminium, powder coated flange with an ABS resin rear cover and shall comply with IP65 dust and water ingress protection rating, when operated with a standard type horn. The driver unit shall be capable of operating in temperatures of between -20 °C to +55 °C (-4 °F to +131 °F) and shall weigh 2 kg (4.41 lb.) measuring ø139 x 108 (D) mm (ø5.47" X 4.25") Applicable Horns: TH-650 (ø500 x 394 (D) mm), TH-660 (ø600 x 425 (D) mm) manufactured by TOA Corporation. Optional extras: UC-200A driver unit cover. TM-30T, TM-60T 30 watt or 60 watt matching transformers manufactured by TOA Corporation.

Manufacturer: TOA Corporation

Model: TU-660