UW 1058
Ultimate Woofer,
Ø 10", Ø 5.1" voicecoil, 8Ω

SPECIFICATIONS

General Data
Overall Dimensions | D x H | 263mm x 148.5mm (10.35" x 5.84")
Nominal Power Handling (DIN) | P | 500W
Transient Power 10ms | T | 1500W
Sensitivity 1W/1M | S | 85.8 dB SPL
Frequency Response | F | 10-20,000 Hz
Cone/Dome Material | C | Composite cellular fiber
Net Weight | W | Kg 6.1

Electrical Data
Nominal Impedance | Z | 8Ω
DC Resistance | Re | 6.8Ω
Voice Coil Inductance @ 1KHz | L | 1.33mH

Voice Coil and Magnet Parameters
Voice Coil Diameter | DIA | 130mm (5.1")
Voice Coil Height | H | 37mm (1.45")
HE Magnetic Gap Height | HE | 12mm (0.47")
Max. Linear Excursion | X | ± 12.5mm (0.49")
Voice Coil Former | F | Aluminum
Voice Coil Wire | W | Hexatech™ Aluminum
Number Of Layers | L | 2
Magnet System Type | M | High flux double ferrite vented
B Flux Density | B | 0.64 T
BL Product | BXL | 15.3 N.A

T-S Parameters
Suspension Compliance | Cms | 0.24mm/N
Mechanical Q Factor | Qms | 1.72
Electrical Q Factor | Qes | 0.58
Total Q Factor | Qts | 0.43
Mechanical Resistance | Rms | 11.691Kg/s
Moving Mass | Mms | 99.3 g
Eq. Air Load (liters) | VAS | 40.8 Lt
Resonant Frequency | Fs | 26 Hz
Effective Piston Area | SD | 346 cm²

FEATURES
* UniFlow™ Aluminum diecast chassis
* High flux double Ferrite magnet system
* 5.1" Large Hexatech™ Aluminum voice coil
* One piece paper cone/center dome
* High power handling
* High Xmax, Low Qts, Low Fs

Unit Dimensions

A - Overall diameter 263mm
B - Cut out diameter 241mm
C - Flange thickness 6.5mm
D - Overall height 148.5mm
E - Basket/magnet depth 142mm
F - Mounting holes location diameter 253mm
G - 6 Mounting holes, at 60° interval, inner hole diameter Ø 5mm