

MUSWAY

MWS844

**Dual Voice Coil
Subwoofer 20 cm**

Power Handling
250 Watts RMS / 500 Watts Max.

Technical Specifications

Impedance	Zn	2 x 4 Ohms
Voice Coil Diameter	Ø	50 mm
Voice Coil Winding Height		28 mm
Max. Linear Excursion	Xmax	+/- 10 mm
Max. Mechanical Excursion	Xmax (Peak)	+/- 15 mm
Cone Area	Sd	214 cm ²
Moving Mass	Mms	97,5 g
DC Resistance	Re	2 x 3,6 Ohms
Resonance Frequency	Fs	40,7 Hz
Mechanical Q-Factor	Qms	5,47
Electrical Q-Factor	Qes	0,67
Total Q-Factor	Qts	0,598
Equivalent Air Volume	VAS	10,1 L
VC Inductance	Le	0,82 mH
Flux Density	B/L	8,22 N/A
Efficiency 1W/1m	SPL	83 dB

Recommended Enclosure

Ported Box	
Vented Volume:	20 L
Port Diameter:	70 mm
Port Area:	38 cm ²
Port Length:	31 cm
Tuning Freq. (Fb):	39 Hz
-3 dB Rolloff (F3):	32 Hz

Deep Tuning

Recommended Enclosure

Sealed Box	
Sealed Volume:	9 - 15 L
-3 dB Rolloff (F3):	46 Hz

Recommended Box

Mechanical Components

- Steel Basket
- Glass-Fibre Cone
- Rubber Surround
- Injected PP Dustcap
- Single Nomex Spider
- Y30 Magnet 40 oz (1.134 g)
- Magnet Size: Ø134 x 20 mm
- TIL (Glass-Fibre) Voice Coil Former

Dimensions & Weight

External Diameter:	214 mm
Mounting Diameter:	182 mm
Mounting Depth:	78 mm
Shipping Weight:	4,0 kg

