

**SAMMI SM3201 2" Titanium Compression Driver 80W**

**Description**

The SAMMI SM3201 is a high performance 2" throat bolt on ferrite magnet compression type high-frequency driver for use as a high frequency component in professional high quality sound reinforcement and reproduction applications.

The SM3201 offers exceptional high frequency performance:

- High acoustic output 110 dB/1w/1m when coupled with the SH450 flare.
- Wide frequency range 500Hz to 18KHz when coupled with the SH450 flare.
- 80watt power handling above 800Hz .

When attenuated to a typical sensitivity of 100dB SPL the input power handling at the network input terminals is 800W relative to 2.83v/8-ohm reference.

**Crossover**

This unit must be connected to a system via a frequency selective device the "crossover" which may be passive or active-electronic type.

We recommend a minimum 12dB/octave high- pass filter, above 800Hz. Refer to our computer-aided design filter networks which are designed to meet specific target response. In demanding applications a higher cut-off and also higher order network is recommended and necessary.

**Options**

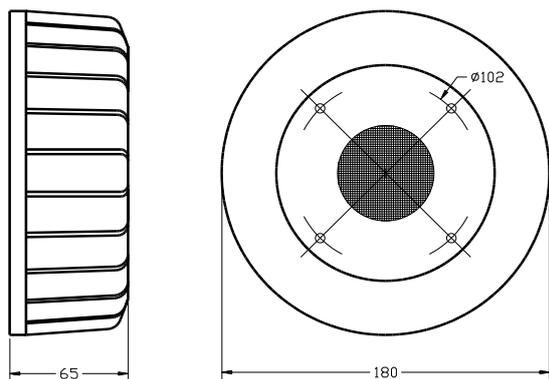
Replacement diaphragms available.

**Mounting Details**

This is a bolt-on driver, four equi-spaced 0.25"-20UNC threaded holes spaced at 102mm are provided.

**Connection**

The diaphragm is terminated with 6mm diameter spigot, observe polarity.



*SAMMI SM3201 is an imported Korean product used and endorsed by Lorantz Audio Services Pty. Ltd.*



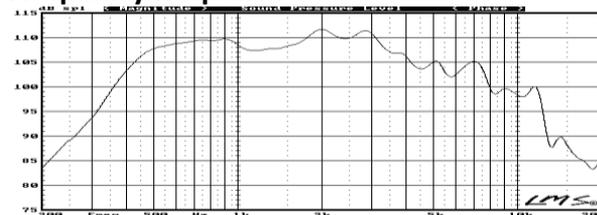
**Technical Data**

*Typical measured parameters:*

Nominal impedance	8 ohms
Minimum impedance	5 ohms
#Power capacity	80 watt sine wave above 500 Hz
Voice coil diameter	72mm edge wound copper-clad aluminum wire
Bobbin	Kapton
Throat exit dia.	50mm (2")
#Frequency range	450Hz - 18KHz
#Sensitivity	110 dB SPL/1W/1m with SH450 Horn Flare
#Recommended crossover	800Hz or higher, 12 dB /octave minimum
Dimensions	180mm dia. 68mm high
Net Weight	5220 gms

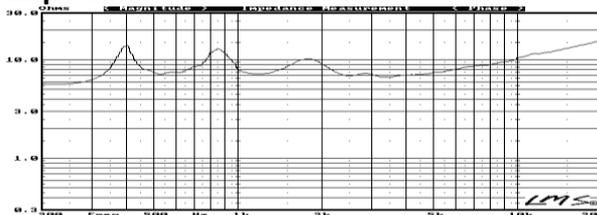
*#Power capacity, frequency range, sensitivity, crossover frequency are horn flare dependent. Specifications subject to change without notice.*

**Frequency Response**



Unequalized and unsmoothed LMS infinite baffle response recorded at one watt at one meter with SM3201 driver coupled with SH450 flare.

**Impedance**



Impedance recorded with SM3201 driver coupled with SH450 flare.