

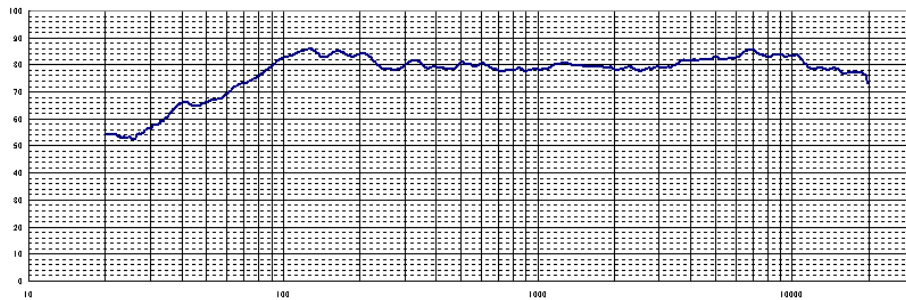
Product Name : Flat Speaker FPS0212M7R1

### Specifications

1. Type (Struct., Freq.) : Flat, 180Hz-20kHz
2. Rated (MAX) Input : 7.5W ( 15W Max. )
3. Rated Impedance :  $6\Omega \pm 15\%$
4. Resonance Freq. (f0) : 105Hz $\pm 15\%$
5. Sound Pressure Level : 82dB $\pm 3$ dB /1W/0.5m (300,400,500,3k,4k,5k Hz avg.)
6. Flux Density : 1.0 T (1T=10,000 GAUSS)
7. Polarity : When a positive DC current is applied to the voice coil terminal marked PLUS, the diaphragm shall move forward.
8. Terminal : Positive side : #205 or equivalent, Negative side : #110 or equivalent
9. Mass : 90g
10. Magnet : Rare Earth 7x7x2.5mm x 24pcs
11. Outside Dimensions : W40mm x H160mm x D7.5mm

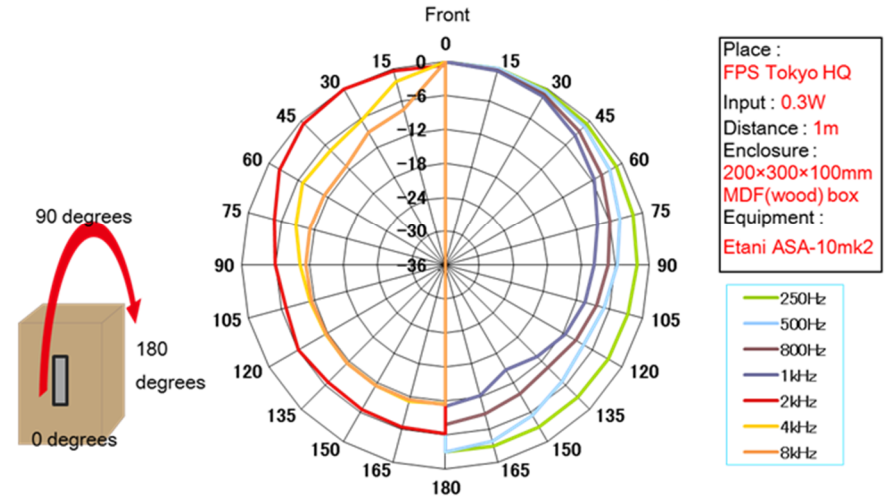
### Life Test

1. Heat Resistance : 70°C 20-50%, 100 Hours
2. Cold Resistance : -30°C, 100 Hours
3. Humidity Resistance : 90-95%, 40°C, 100 Hours
4. Load Test : 15-20°C, 100 Hours
5. Withstand Voltage Test : AC 100V 1M  $\Omega$  UPPER
6. Environmental Standard : Comply with RoHS
7. Pass Criterion : Fulfill the specification of the after-test following.
8. Representative frequency response : 1W / 0.5m / JIS BOX C5532



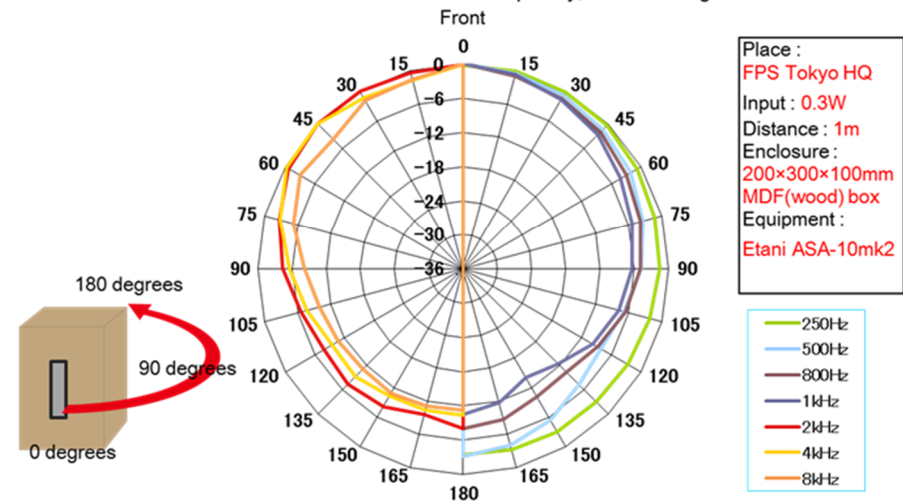
### FPS0212M7R1 Vertical

The maximum SPL is 0 dB for each frequency, in front 0 degrees as shown.



### FPS0212M7R1 Horizontal

The maximum SPL is 0 dB for each frequency, in front 0 degrees as shown.



# FPS0212M7R1 outline drawing

