




# Better Music Builder DFS-712 12 Inch 2-way Full Range Speaker User Manual

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**Better Music Builder DFS-712 12 Inch 2-way Full Range Speaker**



## SAFETY INSTRUCTIONS

### PLEASE READ THIS MANUAL FIRST

Thank you for buying M product. Read this manual first as it will help you operate the system properly. Please keep this manual for future reference.

### WARNING:

1. This product must be installed by professionals. When using hanging brackets or rigging other than those supplied with the product, please ensure they comply with the local safety codes.
2. To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
3. To reduce the risk of electric shock, only qualified professionals can remove the cover of this system



The lightning flash & arrowhead symbol within an equilateral triangle is intended to alert you that this part is not dielectric, and may cause the hazard of electric shock



The exclamation point within an equilateral triangle is intended to alert you to the presence of important operating and servicing instructions.

## System Features

- 2-Way full range passive loudspeaker
- 1 x 12" high power low frequency transducer
- 1 x compression driver with 1.7" titanium diaphragm
- 2 x NL4 connector
- Dynamic Fusion Technology™ (DFT)
- Enclosure constructed of 15 mm plywood with durable painting
- 100° x 90° wide dispersion can set better coverage

- Frequency response 55Hz~18kHz
- Sensitivity 99dB
- Computer stimulation design technology ensures good frequency response and excellent phase feature
- Integral 35mm pole mount receptacle for stand or vertical installation

## Description

DFS-712 12" 2-Way full range passive loudspeaker.

The system comprises of 1×12" high-power low frequency transducer and 1×1.7" diaphragm compression high frequency driver.

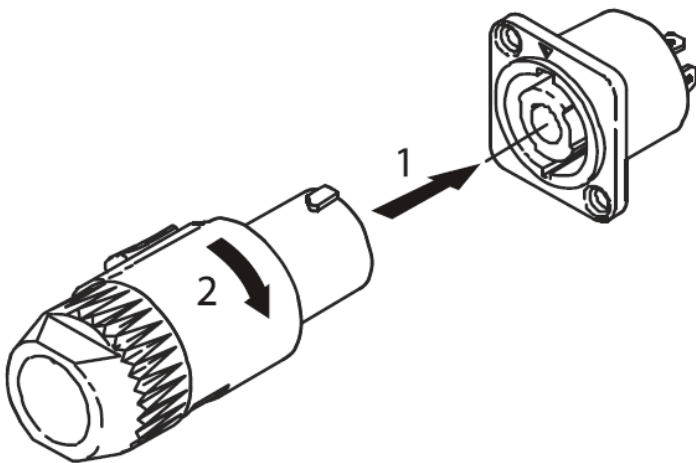
Big dynamic and high sensitivity, clear & penetrating at high frequency, good bass sound.

## Applications

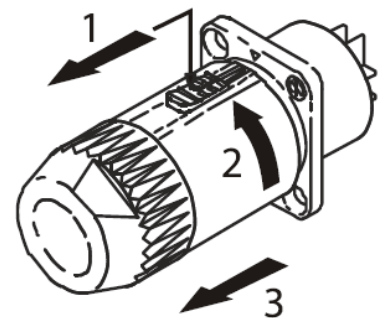
- Medium conference room
- Multifunctional halls
- Live performance

## NL4 Connection

### 1. Connect



### 2. Disconnect

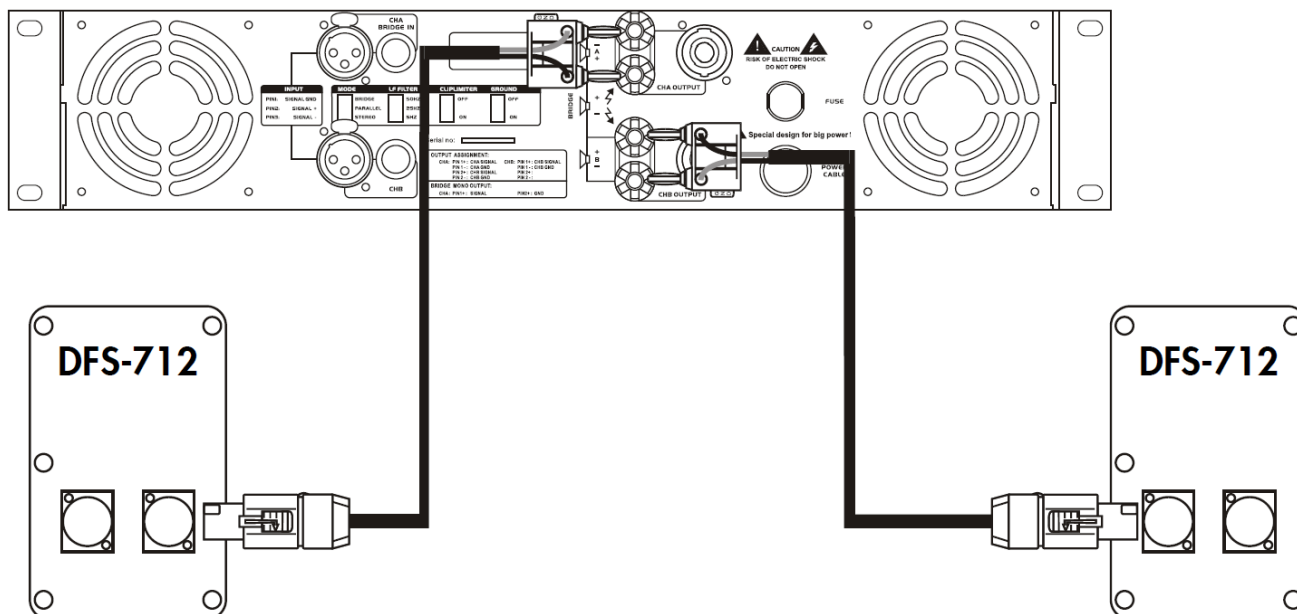


## Technical Specification

- System: Passive full range wooden speaker with painting
- Tweeter: 1 x 1.7" diaphragm compression driver
- Woofer: 1 x 12" high power low frequency transducer
- Frequency response (-3dB): 55Hz~18kHz
- Sensitivity (1W@1m): 99dB
- Rated Impedance: 8 Ohms
- Maximum SPL: 123 dB (129 dB peak)
- Power Rating: 400W (RMS) 1600W (PEAK)
- Dispersion (H x V): 100°× 90° (H × V)
- Construction: 15 mm, plywood Installation: M8 hanging point Connector: 2 x NL4 Speakon

- Cabinet Dimensions (W×H×D): 13.8×26×15 in 35×65.9×38 cm
- Net Weight: 46.3 Lbs / 21 Kg

## System Connection Reference



**Attention:** The Impedance of connected speaker must match the Impedance of amplifier output.

**Attention:** Make sure the polarity of speaker and amplifier correctly.

## Speaker Testing Method

### 1. Frequency Response

Use Pink noise to test the speaker in the anechoic chamber, adjust the level to make the speaker work at its rated impedance and set the output power at 1W, then test the frequency response 1m away from the speaker.

### 2. Sensitivity

Use full range Pink noise which has been modified using an EQ curve to test the speaker in the anechoic chamber, increasing the signal to make the speaker work at its rated impedance and set the power output at 1W, then test the sensitivity 1 m away from the speaker.

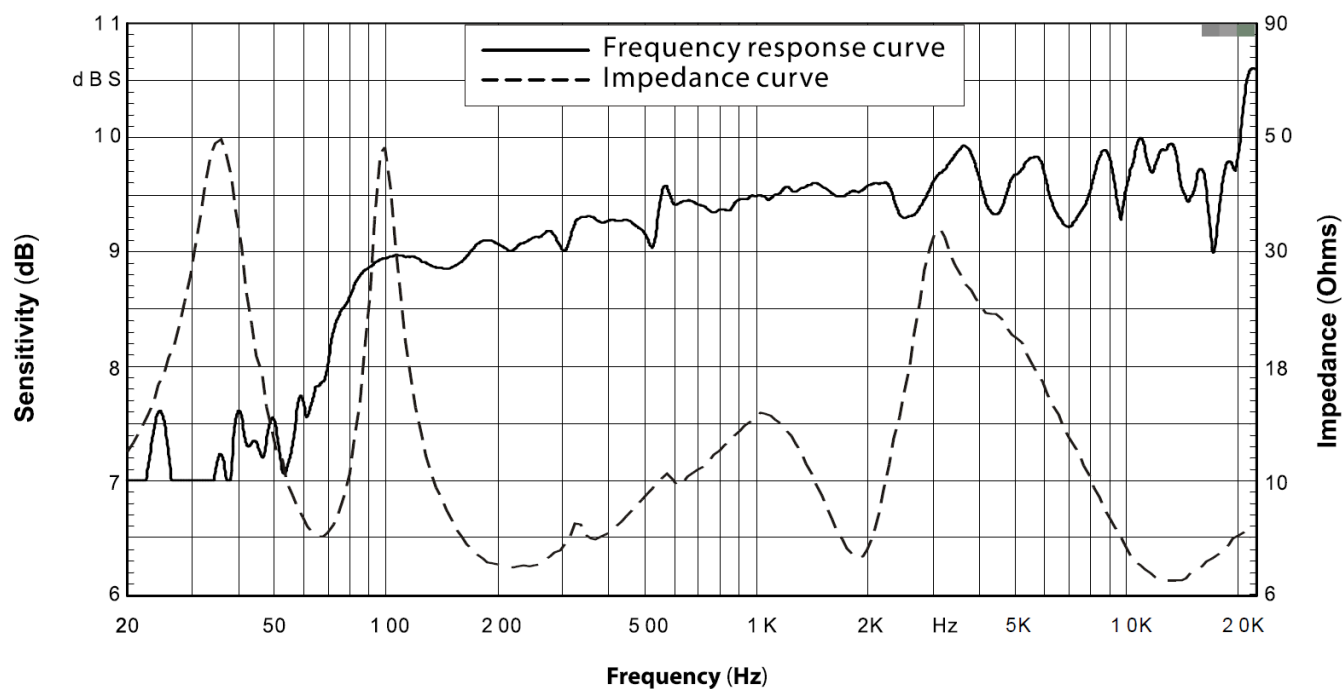
### 3. MAX.SPL

Use full range Pink noise which has been modified using an EQ curve to test the speaker in the anechoic chamber, increase the signal to make the speaker work at its maximum power output level, then test the SPL 1 m away from the speaker.

### 4. Rated Power

Use Pink noise to the IEC#268-5 standard to test the speaker, increase the signal for a continuous period of 100 hours, the rated power is the power when the speaker will show no visible or measurable damage.

## Frequency response curve & Impedance curve



## Documents / Resources

	<p><b><a href="#">Better Music Builder DFS-712 12 Inch 2-way Full Range Speaker</a></b> [pdf] User Manual  DFS-712 12 Inch 2-way Full Range Speaker, DFS-712, 12 Inch 2-way Full Range Speaker, 2-way Full Range Speaker, Range Speaker</p>
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