

SAFETY INSTRUCTIONS

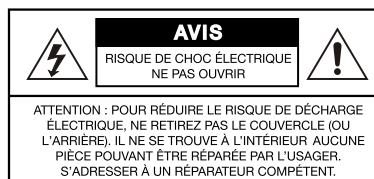
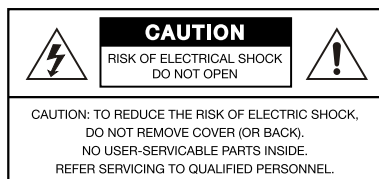
PLEASE READ THIS MANUAL FIRST

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: 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.

⚠ WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

⚠ WARNING: 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

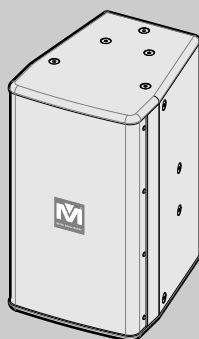


The exclamation point within an equilateral triangle is intended to alert you to the presence of important operating and servicing instructions.



7-Series Loudspeaker

KARAOKE & BARS SOLUTIONS



DYNAMIC FUSION SERIES

High Definition Sound PRO-Line



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Passionate about Music
It's what we do!

DFS-712

12" 2-WAY FULL RANGE SPEAKER

Owner's Manual

Please note that this procedure is exclusively for notifying Better Music Builder and its affiliates that your copyrighted material has been infringed. Better Music Builder is protected by the U.S. and international copyright.

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

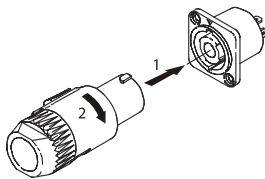
DFS-712 12" 2-Way full range passive loudspeaker. The system comprises of 1x12" high-power low frequency transducer and 1x1.7" diaphragm compression high frequency driver. Big dynamic and high sensitivity, clear & penetrating at high frequency, good bass sound.

Applications

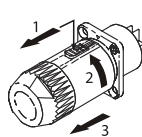
- Medium conference room
- Multifunctional halls
- Live performance

NL4 Connection

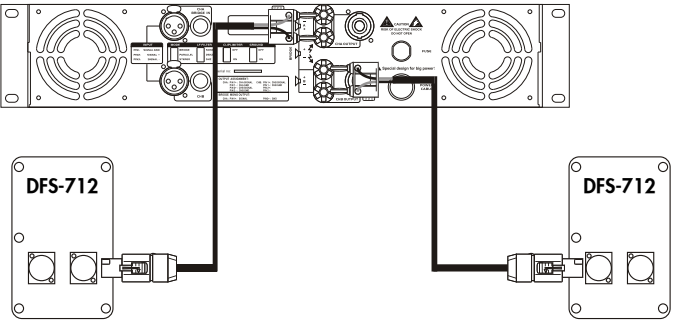
1. Connect



2. Disconnect



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.

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°x 90° (H x V)
Construction:	15 mm, plywood
Installation:	M8 hanging point
Connector:	2 x NL4 Speakon
Cabinet Dimensions (WxHxD):	13.8x26x15 in 35x65.9x38 cm
Net Weight:	46.3 lbs / 21 Kg

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 1m 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 1m 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

