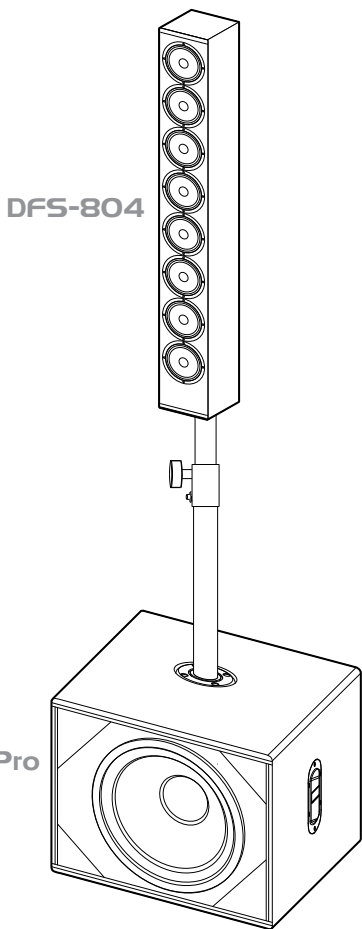


Better Music Builder® is a leader in the Audio and Karaoke equipment industry. We are committed to offering you high quality audio products. Unlike any others brand, we deliver the best cost and value to you directly. For the latest update information including operation manuals, installation instructions, hook-up diagram and other new technologies updates etc. please visit us at our website www.BetterMusicBuilder.com.



DFS-804

SUB-18 Pro

OWNER'S MANUAL

DYNAMIC FUSION SERIES

High Definition Sound PRO-Line

Dynamic Fusion Series is a high-end live sound system designed by the engineering team of Better Music Builder. This high-end series give you live music experience, high power output and superior sound quality.

DFS-804

8 x 4" COLUMN SPEAKER

SUB-18 Pro

18" ACTIVE/POWERED SUBWOOFER



Thank you for purchasing this unit. To make full and effective use of this unit, please read this Owner's Manual carefully before operating it. Please retain this manual for future reference.

www.BetterMusicBuilder.com

1.GENERAL INTRODUCTION

Features of Column Speaker DFS-804

- 2-Way full range speaker
- 8 x 4" tweeter [1" voice oil mid/high unit]
- Lightweight aluminum enclosure
- Multi combinations and installations ways
- Delivering a smooth full frequency spectrum sound
- Portable/Compact Design
- Handling power: 300 Watts (RMS) @ 4 ohms
600 Watts (PEAK) @ 4 ohms
- 2 x Speakon NL4 connector
- Protective grill: Black perforated steel
- Applications: Restaurants, clubs, bars, conference rooms, churches, schools and homes

Features of SUB-18 Pro

- 1 x 18" woofer [4" voice coil low frequency woofer]
- Built-In power amplifier
- Portable/Compact Design
- Digital amplifier with DSP and two outputs
- Line input: 2 x Combined 1/4 inch/XLR
- Audio output: 1 x XLR
- Speaker output: 1 x Speakon NL4 connector
- Handling power: 1000 Watts (RMS) @ 4 ohms
2000 Watts (PEAK) @ 4 ohms
- Power AC: 110V for USA & Canada. 220V for Asia and Europe
- Convenient handle on subwoofer box
- Protective grill: Black perforated steel
- Applications: Restaurants, clubs, bars, conference rooms, churches, schools and homes

2.SAFETY INTRODUCTION

(read before use)

(1) Electronic appliance safety

- Keep this device away from fire, rain and moisture to prevent risk of fire and shock hazard!
- Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage points or other risks. Refer all servicing to qualified service personnel. Most damages are the result of unprofessional operation!
- Use only the supplied power supply or power cord. The power supply cord should be unplugged when the unit is to be unused for long periods of time. Periodically check cords for cuts or sign of stress, especially at the plug and the points where cords exits the unit.
- Before replacing the fuse, unplug mains lead. Only replace fuses of the same rating and power as specified on the rear panel.
- Clean only with dry and soft cloth.

(2) Installation safety

- Before installation, make sure that the installation area can hold a minimum point load of 5 times of the system's load. (For product weight, pls refer to its spec sheet.)
- The unit should stand only on a clean, solid, plane, vibration-free and fire-resistant location. Do not place the unit on an unsteady trolley or stand.
- Any ventilation openings must never be blocked or covered. The unit must be positioned at least 20cm away from walls.
- Make sure all signal cables and power cables are well settled down to prevent safety problem of peoples walking by.

(3) Health Hazard

- High loudspeaker levels can cause permanent hearing damage. Wear hearing protection if continuously exposed to high level

3. OPERATION PANEL

1. Before turning on the power switch, please make sure the CD player and mixer is turned on and the output signal is turned to minimum.
2. Before turning on the power switch, please turn all the sound volumes to minimum. When the power is on, please adjust the sound volumes to maximum (You can adjust sound volume as per you like);
3. Choose right preset by switching DSP PRESET switch.
4. Please input to LINE A when only one input source. If there is another input source or microphone input, please input to MIC/LINE B.
5. During operation, please make sure that the speakers always sound well. When distortions can be heard, either amplifier or speakers is overloaded. Overloads can quickly lead to amplifier or speaker damage. To avoid such damage, please reduce volume asap when distortions can be heard.
6. After usage, set all sound volumes to the minimum position, then turn off power switch. Power indicator extinguishes.

① **DSP PRESET**: switch and choose different DSP preset according to actual demand.

PRESET 1: LIVE

PRESET 2: PLAYBACK/DJ

PRESET 3: SPEECH

PRESET 4: SUB ONLY 80Hz

② **TOP VOL**: volume control of column speaker

③ **SUB VOL**: Subwoofer volume control

④ **MIC / LINE B VOL**: MIC or LINE B volume control

⑤ **SPEAKER OUTPUT**: output to top speaker

⑥ **LINE A input**: line input with XLR/JACK combo connector.

⑦ **POWER**: POWER indicator

⑧ **SIGNAL**: SIGNAL indicator

⑨ **LMT**: LIMIT indicator

⑩ **MIX OUT**: balanced XLR output

⑪ **MIC/LINE B input**: Balanced combo input (XLR / 6.35mm jack) for getting signals from microphone, mixer or preamplifier etc.

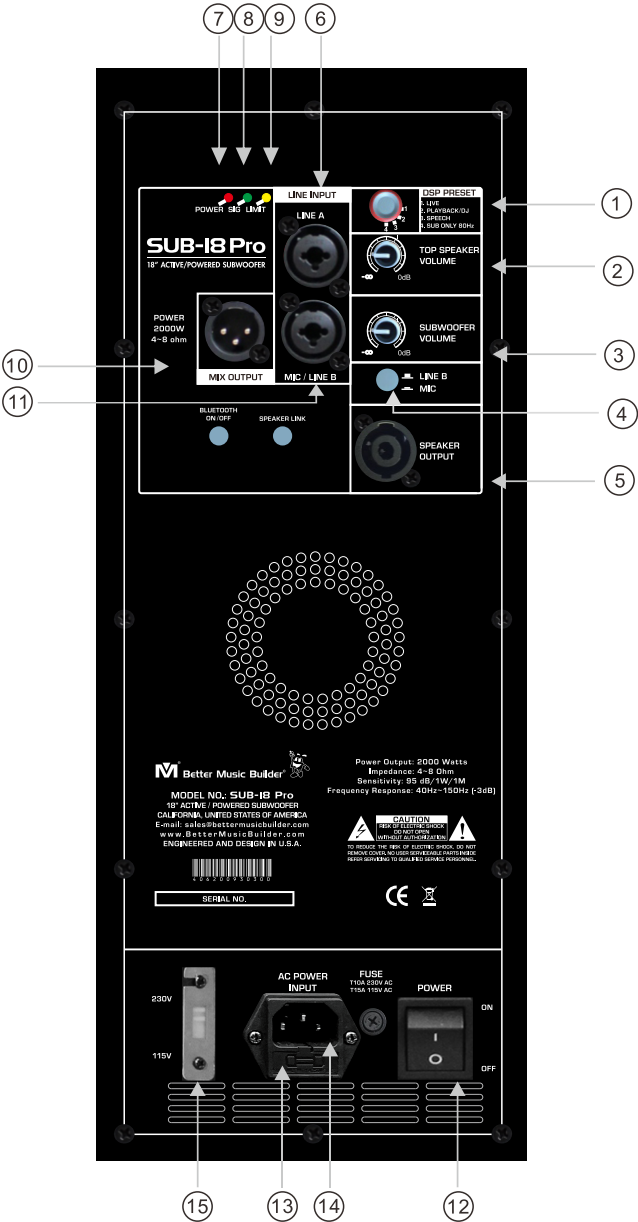
⑫ **Power Switch**: Turns power to the PA system on and off.

⑬ **Fuse**: Only replace the fuse when the device is disconnected from mains. Only use fuses of the same rating and power. The correct fuse value is specified on the rear panel.

⑭ **AC Input**: used to plug in the supplied power cord.

⑮ **Power supply voltage switch**.

4.FUNCTIONAL INTRODUCTION

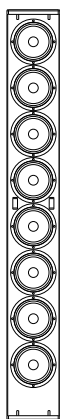


5.TECHNICAL PARAMETER

SPEAKER	DFS-804	SUB-18 PRO
Components	8x4"woofer	18"woofer
Frequency Response(Hz)	120-18K	40-150
Impedance(Ohms)	8	4
RMS Power(W)	300	1000
Program Power(W)	600	2000
Max SPL(dB,by measurement)	127	132
Dimension (WxHxD)	6.7 x 41.3 x 5.3 in 17 x 105 x 13.5 cm	23.6 x 21.1 x 22.8 in 60 x 53.5 x 58 cm
Packing Dimension (WxHxD)	9.7 x 44.5 x 8.3 in 24.5 x 113 x 21 cm	26.6 x 24.2 x 25.8 67.5 x 61.5 x 65.5 cm
Net Weight:	24.3 lbs / 11 kg	79.4 lbs / 36 Kg
Shipping Weight	28.6 lbs / 13 kg	83.8 Lbs / 38 Kg
Passive / Active	Passive	Active

Amplifier Module	
Output Power(RMS)	2x1000w/4ohm
S/N	95dBA
Damping Factor	500@100Hz
Protection	over voltage protection up to 135/264V AC, overload output protection,clip,limiter

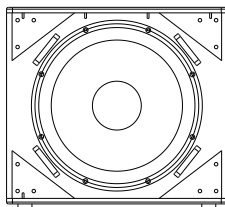
6.INSTALLATION



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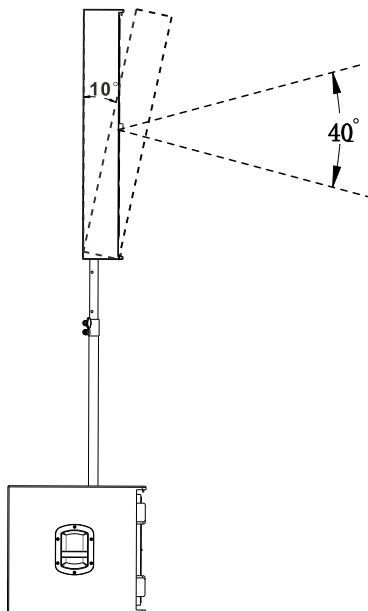
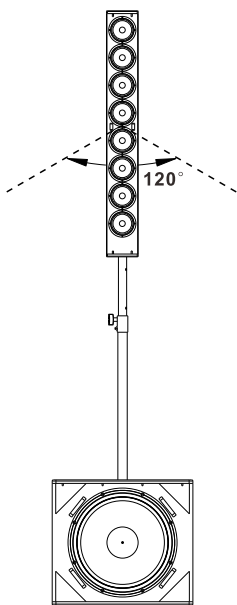
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Top X1

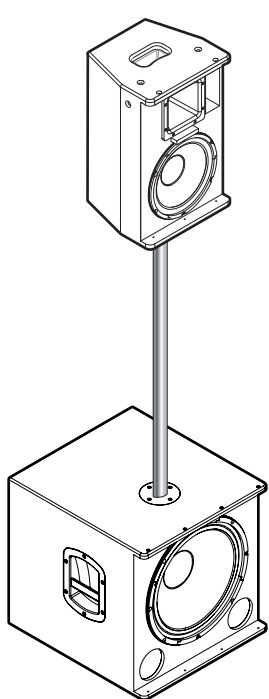
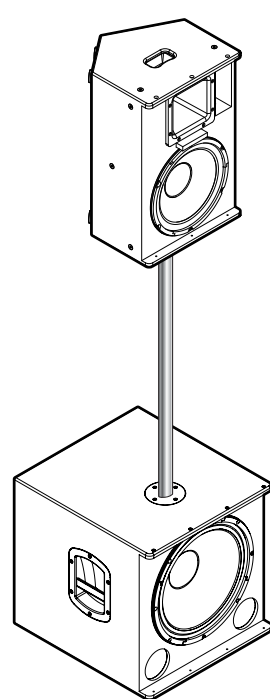
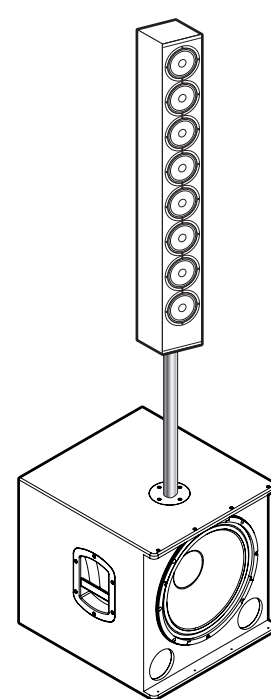
Tube X1

SUB X1



RECOMMENDED PACKAGES

Better Music Builder's new product line of speakers DFS-908 G2, DFS-910 G2 and DFS-804 make for a fantastic complete karaoke system when paired with a 15" and 18" active/powerd subwoofer. Dynamic Fusion Series speakers such as the vocal/column speakers recreate the music and vocal in crystal clear sound.

PACKAGE 1	PACKAGE 2	PACKAGE 3
DFS-908 G2 (Pair) + SUB-15 Pro / SUB-18 Pro	DFS-910 G2 + SUB-15 Pro / SUB-18 Pro	DFS-804 + SUB-15 Pro / SUB-18 Pro
<p>SPEAKER DFS-908 G2</p>  <p>BASS POWERED SUBWOOFER SUB-15 Pro / SUB-18 Pro</p>	<p>SPEAKER DFS-910 G2</p>  <p>BASS POWERED SUBWOOFER SUB-15 Pro / SUB-18 Pro</p>	<p>VOCAL/COLUMN SPEAKER DFS-804</p>  <p>BASS POWERED SUBWOOFER SUB-15 Pro / SUB-18 Pro</p>

This diagram is a suggested recommendation; subwoofer sold separately.

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Passionate about Music

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