

1. OVERVIEW

FORCE series are two-way full-frequency speakers. FORCE series adopt specially tailored high-efficiency speaker units, optimized built-in crossovers and rear inverted hole design to achieve abundant sound pressure and soft tone. Equipped with a rotatable horn and multiple hanging points and lifting brackets of the cabinet, it can be installed flexibly and conveniently. The cabinet uses high-quality plate through CNC processing, so it's sturdy and reliable. High-strength steel protective grille is covered with acoustic foam to prevent damages to horn unit away from dust and water droplets. The appearance is high-end with environmentally friendly water paint. The tone is clear and transparent, and the sense of space and texture is very excellent.

2. APPLICATIONS

FORCE series apply to conferences, banquet halls, multi-function halls, high-end clubs, KTVs.

LƯU Ý SỬ DỤNG AN TOÀN

CÁCH BẢO QUẢN

VIII. HƯỚNG DẪN CÀI ĐẶT (INSTALLATION GUIDE)

1. Lắp đặt vị trí loa (Speaker Placement)

Đặt loa cách tường tối thiểu 30–50cm để hạn chế cộng hưởng bass.

Với loa full-range: đặt ngang tai người nghe, hướng thẳng về phía trước hoặc hơi chêch vào tâm.

Với loa sân khấu: đặt trên giá loa chuyên dụng hoặc treo tường/giàn khung (theo khuyên dùng của hãng).

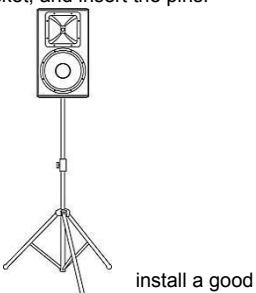
3. INSTALLATION INSTRUCTION

INSTALLATION 1: USE STAGE TRIPODS

- Set a suitable support angle of the tripod, tighten the knob on the bracket, and insert the pins.
- Gently insert the support column into the speaker base.

NOTICE

- The angle of the tripod must ensure that the speaker not to fall down.
- The speaker should be far away from the crowd, so as not to artificially cause the speaker to fall and injure people.



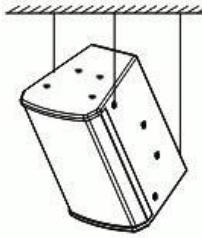
INSTALLATION 2: PROFESSIONAL HANGING

ACCESSORIES

- Install the required iron frames or hoops for speaker lifting
- Check the length of the hanging steel cable or chains and safety lock at the other side.
- Install screw hangers on the speaker (Generally use two hanging holes on the upper side and one on the low rear side)
- Lift the speaker with a tool and fasten the safety catch into the screw ring to complete the hanging of the speaker.

NOTICE

- The hanging point must be able to withstand 3-5 times the gravity of the speaker.
- The steel cables or chains must be able to withstand 3-5 times the gravity of the speaker.
- The hanging points must be solid and firm.
- The hanging location should avoid the crowd.

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|---|---|---|---|
|  |  |  |  |
| 5mm steel wire rope | sleeve anchors with hook | ring screws | |

INSTALLATION 3:

UNIVERSAL 506 HANGING ACCESSORIES

- Install the 506 hanging accessories on the speaker (top or side) according to the environment and specific requirements, and check whether the screws are tightened firmly;
- Install top explosion screws and screws on the ceiling;

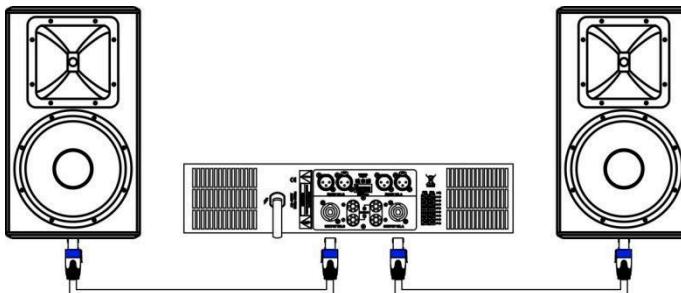
C. Lift the speaker with a tool (mechanical), connect the 506 lifting brackets, tighten the nut, adjust the angle, and complete the speaker suspension.



NOTICE: THE ABOVE HANGING METHOD IS FOR REFERENCE

- A. The hanging point must be able to withstand 3-5 times the gravity of the speaker;
- B. The steel cable or chain used for hanging must be able to withstand 3-5 times the gravity of the speaker;
- C. The hanging parts must be firm;
- D. The position of hanging speakers should be avoided as far as possible from crowded places.

4. SYSTEM CONNECTION



5. TROUBLE SHOOT

| Problems | Cause and solutions |
|-----------------------------|--|
| Low or no sound. | Check that the wiring is correct and firm without short circuit. If there is a power selection, it should be confirmed that the power selection switch has been adjusted to the required position. |
| Poor sound quality or noise | Check the input signal source of power amplifier and the sound transmission connector of input wire is selected correctly. The speaker cabinet should be fixed firmly. If it is not firmly fixed, it may cause vibration and result in poor sound quality. |

6. SPECIFICATION AND FEATURES

| Model | FORCE-10 | FORCE-12 |
|-------------|-----------------------------|-----------------------------|
| Type | Built-in two-way full range | Built-in two-way full range |
| Components | HF:1x1.75" / LF:1x10" | HF:1x1.75" / LF:1x12" |
| Frequency | 69Hz-20kHz | 67 Hz-20kHz |
| Power | 350W | 450W |
| impedance | 8Ω | 8Ω |
| Sensitivity | 95 dB | 98 dB |
| SPL | 126 dB | 130 dB |
| Dispersion | 60°x 50° | 60°x 50° |

| | | |
|----------------|---------------------|---------------------|
| Connectors | 2 x Speakon NL4MP | 2 x Speakon NL4MP |
| Dimensions(mm) | H560 x W330 x D350 | H610 x W360 x D390 |
| N.W / G.W | 17.55 kg / 19.25 kg | 20.50 kg / 22.60 kg |
| Accessories | 15 x M8 inserts | 15 x M8 inserts |

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The Professional

FORCE – SERIES
PROFESSIONAL LOUDSPEAKER SYSTEM
USER'S MANUAL

