定 向 扬 声 器 产 品 说 明 书

Product Manual for Directional Loudspeaker

一、性能参数

Characteristics:

1、型号：BDS-03B
Model: BDS-03B

2、工作电压：24 V DC
Operating Voltage: 24 V DC

3、工作电流：< 1.5 A
Operating Current: < 1.5 A

4、强指向性：产品15°内声压衰减>20 dB
Strong Directivity: sound pressure decay between the inside of 15° of the product > 20dB

5、声压级：≥ 80 dB @ 1 kHz, 3 m
SPL: ≥ 80 dB @ 1 kHz, 3 m

6、产品尺寸：Ø190 mm × 15 mm
Product Dimension: Ø190 mm × 15 mm

7、有效频率范围：800 Hz ~ 20 kHz
Effective Frequency Range: 800 Hz ~ 20 kHz

8、额定功率：30 W
Power Rating: 30 W

9、工作温度：-30° ~+ 75°
Operating Temperature: -30° ~ +75°

二、产品组成和介绍

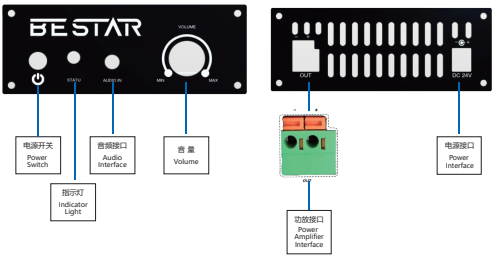
Formation & Introduction of Product

定向扬声器（尺寸Ø190 × 15 mm，线长1m）
Directional Loudspeaker (Dimension Ø 190*15mm, wire length 1m)





功 放
Power Amplifier





电源适配器
Power Adaptor

（输入110~220V AC 50/60Hz 输出24V DC / 3A）

(Input 110~220V AC 50/60Hz Output 24V DC / 3A)

三、安装方式 Installation Method

天花板开孔尺寸 Ø180mm
Ceiling Opening dimension Ø180mm

四、 使用注意事项

Cautions

1 听众距离扬声器应保持1m以上距离。

A distance of at least 1m should be kept between audiences and the loudspeaker.

2 切勿将扬声器正对耳道进行播放，否则可能会产生高频噪音引起听众不适。

Theloudspeaker mustn’ t be positioned directly to antrum auris, otherwise it can generate high frequency noise that causes discomfort to audiences.

3 使用功放应放置在通风干燥处，保障其散热效果。

The power amplifier should be positioned in a ventilated and dry place, ensuring its heat dissipation effect.

4 扬声器与功放为一对一配套使用，一个功放只能用于一个扬声器，且扬声器必须通过功放才能播放。

A loudspeaker and a power amplifier are matched as a one-on-one package: one amplifier can be only used with one loudspeaker, and the loudspeaker must be used through the power amplifier.

5 功放接口安装：用硬物向下按压橙色按钮，红色线接“+”极接口；黑色线接“-”极接口；连接完成后需分别轻微拉扯，确保连接完成。

Installation of power amplifier interface: press downwards the orange button with a hard object connect red wire to “+” interface connect black wire to “-” interface apply a slight pull on red and blue wires to make sure the connection is perfect.