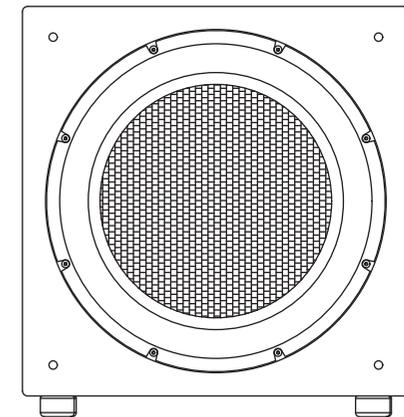# SW12

The Power of Simplicity and Balance

On a tight budget but don't want to settle for less? Starke Sound's mission has always been to serve our fellow audio enthusiasts.

Behold, the SW12 is our solution to your problem: a subwoofer with a discreet appearance that does not compromise on performance. With a 12-inch high-performance driver and an amplifier of up to 900W peak power, this, is the weapon to shake your room.
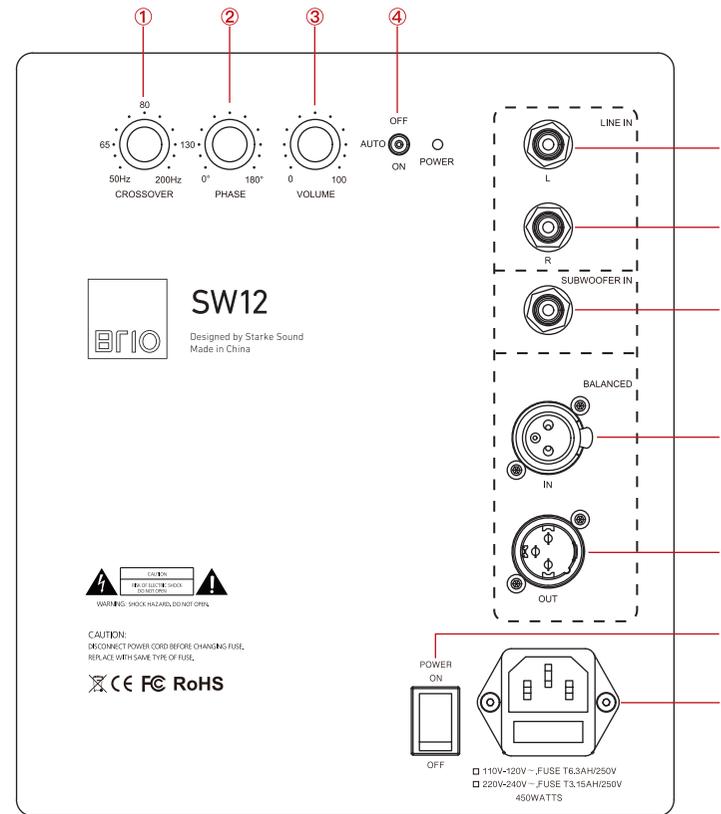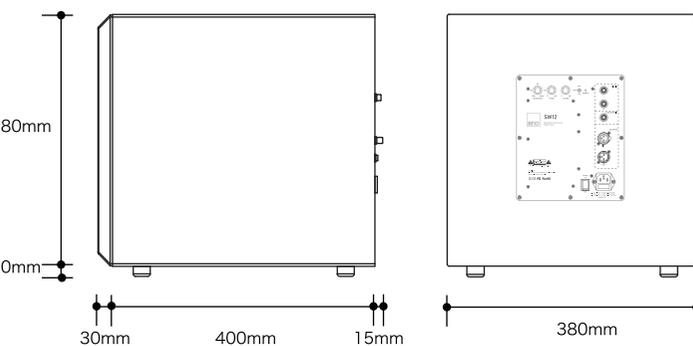
Key Features:

Great performance great value for the price range
Uncompromised Deep Bass (Down to 16Hz)
Built in 900watt ClassD amplifier (max)
12 inch 1-piece glass fibre cone
115/230V switchable

Technical Specifications

Drivers	12 inch
Amplifier	450W RMS (900W short-term)
Max SPL output (1m)	112dB
Frequencyresponse (±3dB)	16Hz-240Hz
Active driver	12 inch 1-piece glass fibre cone
Radiator	None
Voice coil	Four-layer
	51mm
	PICCAW wire
Basket	Powder-coated stamped steel basket
Magnets	High-grade ferrite magnets
LMF Technology	No
Cabinet Structure	Sealed Box
Input terminals	XLR balanced input
	Subwoofer input (RCA)
	RCA stereo inputs, a pair
Volume control	Yes
Crossover	50-200Hz
Phase	0-180 degrees
Equalizer	None
Power selector	Off/Auto/On
Volt Switch	None

Power Consumption	Standby: 2W
	Idle: 12W
	Maximum: 850W
Grille	Fabric mesh over MDF frame
Finish	Matte
Color options	Black / White
Full size	H 15.7 x W 14.9 x D 17.5 inches (w/ foot)
	H 400 x W 380 x D 445mm (w/ foot)
Weight	39.7 lbs (18kg)
Shipping size	L 20.9 x W 19.5 x H 19.8 inches
	L 530 x W 495 x H 502mm
Shipping weight	46 lbs (20.8kg)
Warranty	2 years (from original purchase date)

① **CROSSOVER FREQUENCY:** The frequency input can be adjusted in the range of 50Hz-200Hz. Using an AVR or processor for bass management, we suggest setting this control to 200Hz.

② **PHASE:** Control the frequency phase emitted by the subwoofer within the range of 0°-180°. The default of 0° is a good starting point.

③ **VOLUME (0 minimum 100 maximum):** In most environments, the "12 o'clock" position is a good starting point.

④ **POWER ON/OFF/AUTO:** If there is no signal for several minutes, it will switch to sleep mode. When a signal is input, it will automatically enter operating mode.
(Blue light on for operating mode; red light on for sleep mode)

⑤/⑥ **LINE IN:** Signal input RCA interface

⑦ **SUBWOOFER IN:** Bass signal input RCA interface

⑧ **BALANCED IN:** Bass signal balanced input XLR interface. The XLR input interface is superior to the RCA interface and is especially suitable for transmitting signals over long distances.

⑨ **BALANCED OUT:** When multiple subwoofers need to be connected in series, use this jack to connect the next subwoofer.

⑩ **POWER ON/OFF**

⑪ **110-120V, 220-240V POWER CORD INTERFACE:** Please be sure you have purchased an SW model for your local voltage, 110-120V or 220-240V otherwise the subwoofer may be destroyed!
(At the bottom of this interface is the fuse position, including a spare fuse.)

SETTING SUBWOOFER CONTROLS (Multi-channel, with AV receiver)

1) Turn subwoofer VOLUME control to Proper position ("12 o'clock" position to "2 o'clock" position recommended).
2) Turn subwoofer PHASE control to 0 (fully counterclockwise).
3) Turn subwoofer CROSSOVER control to maximum (200; fully clockwise).
4) You can now apply the bass management features of your AV receiver or processor to further optimize sub/room bass response.

SETTING SUBWOOFER CONTROLS (Music Listening, without AV receiver)

1) Turn subwoofer VOLUME control to minimum (fully counterclockwise).
2) Turn subwoofer PHASE control to 0 (fully counterclockwise).
3) Turn subwoofer CROSSOVER control to maximum (200; fully clockwise).
4) Listen to a bass-heavy music or video selection while seated in your main listening position and have an assistant turn up subwoofer VOLUME until the sub can be clearly heard.
5) Have an assistant slowly rotate the PHASE control until you hear the most bass. Your sub and front speakers are now in phase (until you move furniture, carpet, curtains or sub).
6) Slowly rotate the sub CROSSOVER control until you hear the best subwoofer/front speaker blend. If it sounds too thin, you have not set the crossover frequency high enough. If the sound becomes boomy, you have set the frequency too high. Adjust until you find the most natural bass balance.
7) You can now apply the bass management features of your extra processor to further optimize sub/room bass response.

If service seems necessary contact the dealer from whom you purchased the speaker system. If that is not possible, email us at.

E-mail:service@starkesound.com

简朴与均衡的力量

预算有限，然而并不愿意妥协性能？Starke Sound希望创造一切可能去为音频爱好者服务。

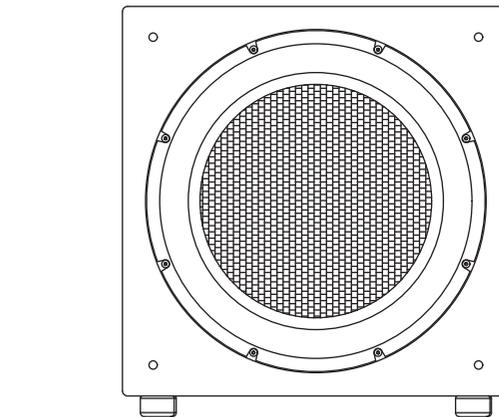瞧，这一问题的答案就是SW12；简洁的外观，不妥协的性能。12寸大磁钢单元加上一个高达900W峰值功率的功放，SW12是"摇房子"的利器。

关键性能：

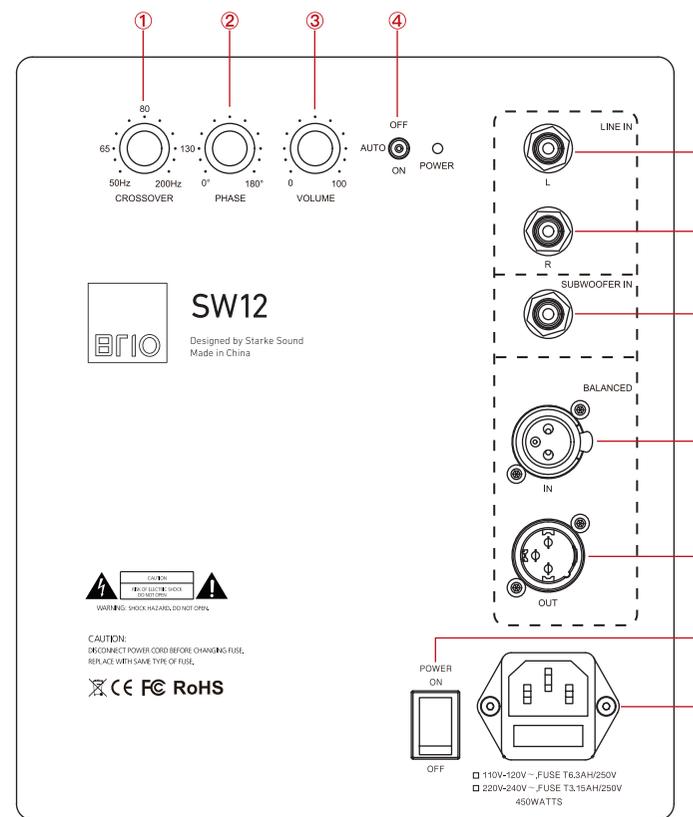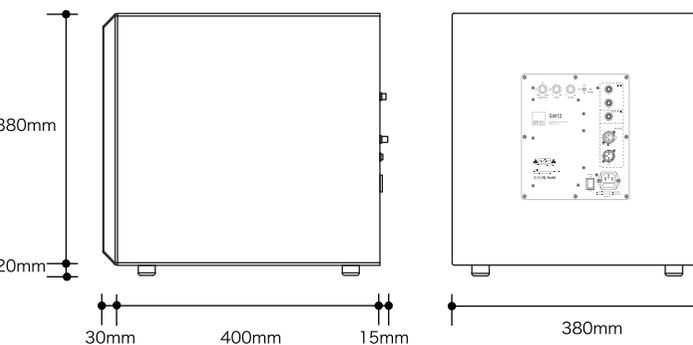惊人的低音下潜（低至16Hz）

内置峰值900W的大功率功放

12英寸一片式玻璃纤维夹层单元

115/230V可切换

Starke Sound Inc. Gardena, CA 90248 • starkesound.com

BRIO

说明书参数明细

单元	12英寸单元
功放	450W RMS（峰值900W）
最大输出声压	112dB
频率响应范围（±3dB）	16Hz-240Hz
主动单元	12英寸一片式玻璃纤维夹层单元
被动单元	12英寸一片式玻璃纤维夹层单元
音圈	四层音圈
	51mm
	PICCAW线
盆架	哑光钢制盆架
磁铁	高级铁氧体磁铁
线性磁场专利技术（LMF）	有
箱体结构	密封式箱体
输入接口	XLR平衡输入端子
	低音炮输入（RCA）
	一对RCA立体声输入
音量	有
分频点	50-200Hz
相位	0° -180°
均衡器	无
电源选项	关/自动/开
电压切换	无

电源消耗	待机: 2W
	空闲状态: 12W
	最大输出: 850W
网罩	MDF架织物网罩
表面材质	哑光
颜色选项	哑光黑/哑光白
尺寸	15.7 x 14.9 x 17.5 inches (高x宽x深，含脚)
	400 x 380 x 445mm (高x宽x深，含脚)
重量	39.7 lbs (18kg)
运输尺寸	20.9 x 19.5 x 19.8 inches (长x宽x高)
	530 x 495 x 502mm (长x宽x高)
运输重量	46 lbs (20.8kg)
保修期限	2年（以初次购买日期为准）


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BRIO
SW12
Designed by Starke Sound
Made in China
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380mm

20mm

30mm   400mm   15mm

380mm

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① **CROSSOVER 分频点**：可在50Hz-200Hz范围内进行频率输入调整，建议调整到200Hz，由前级进行频率输出管理。

② **PHASE 相位**：控制低音炮发出的频率相位，方便与主箱衔接，可在0°-180°范围内调整。默认在0°，推荐由前级进行相位管理。

③ **VOLUME 音量（0最小 100最大）**：大多数环境下，请把音量调整到"12点钟"位置，然后根据实际响度再做微调。

④ **POWER 电源 ON 开 OFF 关 AUTO 自动**：一定时间无信号会切换成休眠模式，有信号输入自动激活为工作模式。（蓝灯为工作状态；红灯为休眠）

⑤/⑥ **LINE IN**：信号输入RCA接口

⑦ **SUBWOOFER IN**：低音炮信号输入RCA接口

⑧ **BALANCED IN**：低音信号平衡输入XLR接口。XLR输入接口优于RCA接口，尤其适合长距离传输信号。

⑨ **BALANCED OUT**：当需要串联多个低音炮时，使用该接口来连接下一个低音炮。

⑩ **POWER 主电源 ON 开 OFF 关**

⑪ **110-120V、220-240V 电源线接口**：请一定确认您购买的是适合当地电压的版本，在插入电源之前仔细检查输入电源电压并确认无误，如使用错误电压版本，低音炮可能会被烧毁。

（底部为保险丝位置，内含备用保险丝一个）

设置低音炮（多声道，采用AV接收器）

1.将超低音扬声器音量控制调至合适音量（推荐12点到2点之间）。

2.将超低音扬声器相位控制转到0°（完全逆时针）。

3.将超低音扬声器分频点转到最大值（200；完全顺时针）。

4.您现在可以应用AV功放或者低频处理器的低音管理功能，来优化低音炮/房间低音响应。

设置低音炮（音乐聆听，无AV接收器）

1.将超低音扬声器音量控制调至最小（完全逆时针）。

2.将超低音扬声器相位控制转到0（完全逆时针）。

3.将超低音扬声器分频点转到最大值（200；完全顺时针）。

4.坐在主听音位置，聆听常见重的音乐或视频选择，并让你手把低音炮音量调大，直到可以清晰听到低音。

5.让助手慢慢旋转相位控制器，直到听到最低音。在你的副扬声器和前置扬声器都处于同步状态（直到您移动声系、地板、窗帘或副扬声器）。

6.缓慢旋转分频设置，直到听到最佳的超低音扬声器/前置扬声器混音。如果听起来太薄，说明您没有将分频点设置得足够稀。如果声音变得隆隆作响，说明您减低频率设置得太高。调整，直到找到最佳的低音平衡。

7.您现在可以应用处理器的低音管理功能，进一步优化低音炮/房间低音响应。

如果需要服务，请您联系当地的经销商。

如果当地没有经销商，那么请发电子邮件给我们。

邮箱：service@starkesound.com