

S.M.S.L



D-6S

使用说明书/USER MANUAL

S.M.S.L

本说明书的内容可能会随版本更改如有变动, 恕不另行通知

The contents of this manual may be changed with the edition, and are subject to change without notice.

Ver 1.0

■ 关于MQA

MQA (Master Quality Authenticated) 是一项屡获殊荣的英国技术, 是一种兼有极高的采样率和足够小的文件体积的高解析音频编码技术。此机采用MQA技术, 可以接收并解码MQA音频, 提供母带级别的声音。


有关更多信息, 请访问<https://www.mqa.co.uk/how-it-works>

重要提示:

本说明书所提到的产品规格和资讯仅供参考。如有内容更新, 恕不另行通知。

■ 如何播放MQA

- 此机的USB、光纤、同轴支持MQA解码!
- 此机的MQA播放不要求使用特殊的播放软件, 例如foobar2000, Audirvanapls只要 支持ASIO或者WASAPI的音频输出就可以了, 并且在播放MQA音频时, 最好将电脑的音量调到最大, 以使得电脑的音频输出是最佳状态。
- 在播放MQA文件时, 显示屏显示的采样率为音频原始采样率。

 MQA和声波标志是MQA Limited的注册商标。©2016

■ 播放MQA-CD注意事项

- 必须确认所播放的是一张真正的MQA-CD;
- 确认CD播放器所输出的光纤或者同轴信号是未经处理的源码。

■ Safety Notes

- Install this unit in a well ventilated, cool, dry, clean place-away from direct sunlight, heat sources, vibration, dust, moisture, or cold..
- Use the voltage specified on this unit. Only. Using this unit with a higher voltage than specified is dangerous and may cause fire, damage to this unit, or personal injury. Our company will not be held responsible for any damage resulting from the use of this unit with a voltage other than that specified.
- Do not attempt to modify or fix this unit by yourself. Contact alesperson or customer service when any service is needed. The cabinet should never be opened for any reason.
- When not planning to use this unit for long periods of time (i.e. when going on vacation), disconnect the power cable from the AC wall outlet.

Important note:

The product specifications and information mentioned in this manual are for reference only. The content of this manual is subject to change without notice.

■ Warranty Terms

1.The Term of Service

Foshan Shuangmusanlin Technology Co., Ltd promises to offer good-quality products. If the product is broken in 7 days after purchasing when you use it normally, you can choose to send it back for return, replacement or repairing (only the product does not affect the second sales can be returned). Repairing for free in one year if you use it normally.

2.Date of purchase is in accordance with the date on invoice or receipt used by seller, and if you buy it on line, you can show the screenshot of trade.

3.If an inappropriate usage causes the unit damaged, the warranty will be void. As below.

- All damages by inappropriate use, including using it under non-normal working environment or without following the instructions.
- Dismantling, refitting, repairing by user in private.
- Causing damage by using some fittings instead of the designative or accredited ones.
- Cannot provide credible proof of purchase.

4.Sending it back to our company for repairing.

5.Contact your S.M.S.L Audio reseller for a return or replacement.

Features

- Support MQA and MQA-CD;
- Uses new generation high-end DAC chip ES9039Q2M;
- Adapts the latest Bluetooth chip of Qualcomm, supports LDAC 24bit/96kHz, APTX/HD, SBC and AAC;
- Utilizes 4 high-end dual op-amps OPA1612 and numerous audio-grade components;
- The brand-new third-generation XMOS XU-316, supports PCM 32bit/768kHz and DSD512;
- The audio clock processing circuit helps reduce clock jitter greatly;

Input ports (except Bluetooth) support MQA and DSD, coaxial and optical support DoP64;

- Built-in specially designed low noise switching power supply;
- Built-in self-developed low-noise switching power supply and multiple analog circuits low-noise power supply;
- High-quality gold-plated input and output connectors;
- Japan Audio Association (JAS) Hi-Res certification;
- Equipped with a full-featured remote control.

Specifications

Input.....	USB/Optical/Coaxial/Bluetooth		
Output.....	RCA/XLR		
THD+N.....	0.00006%(-123dB)		
Line output amplitude.....	XLR	5Vrms	
.....	RCA	2.5Vrms	
Output Impedance.....	100Ω		
Dynamic range.....	XLR	129dB	
.....	RCA	126dB	
SNR.....	XLR	129dB	
.....	RCA	126dB	
USB transmission.....	Asynchronization		
USB compatibility.....	Windows 7 / 8 / 8.1 / 10 / 11(Needs Driver)		
	Mac OSX10.6 or Later, Linux(Driverless)		
MQA decoder.....	USB/Optical/Coaxial		
Sampling rate & Bit Width:			
	USB	PCM	44.1~768kHz(32bit)
			2.8224~22.5792MHz(1bit)
		DoP	DoP256
	Optical / Coaxial		44.1~192kHz(24bit)
		DoP	DoP64
Bluetooth specification.....	5.1(Support SBC,AAC,aptX,aptX HD,LDAC)		
Power Consumption.....	<10W		
Standby power.....	<0.5W		
Size.....	150x42x128.5mm(WxHxD)		
Weight.....	0.59kg/1.58lb		

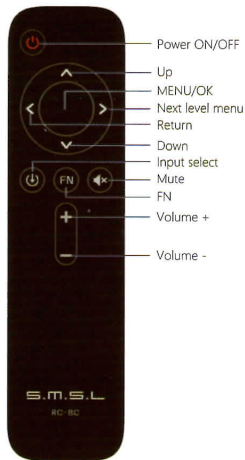
SMSL reserves the right to make improvements which may result in specification or feature changes without notice.

Remote control

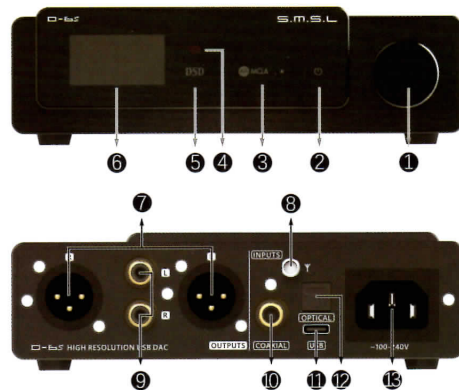
- If the remote control is still ineffective when it is close to the machine, replace it with a new battery.
- If the user does not use the remote control for a long time, remove the battery of the remote control.
- Dispose of used batteries in accordance with local regulations on battery disposal.

Operating the remote control

- This remote controller use 2 x R03/AAA batteries.



Display Interface and Instructions



- | | | |
|------------------|---------------------------|-----------------------|
| 1 Knob | 2 Standby indicator light | 3 MQA indicator light |
| 4 Remote window | 5 DSD indicator light | 6 Display |
| 7 XLR outputs | 8 Bluetooth antenna | 9 RCA outputs |
| 10 Coaxial input | 11 USB input | 12 Optical input |
| 13 AC IN | | |

Instructions

INPUTS

- USB
- BLUETOOTH
- OPTICAL
- COAXIAL

DPLL

- DPLL 1-9, the smaller the number, the better the performance against clock jitter.

This DPLL setting is a special function of ESS series products. It can adjust the internal DPLL digital phase locked loop circuit Bandwidth, so that the chip achieves a balance between anti-clock jitter and input tolerance.

Its function:

- When the clock stability of the input signal is good, this value can be reduced, so that the clock performance of the system is better;
- When the clock stability of the input signal is not good, the sound may be interrupted. Increasing this value can avoid sound interruption! Especially when using TV as a signal source!

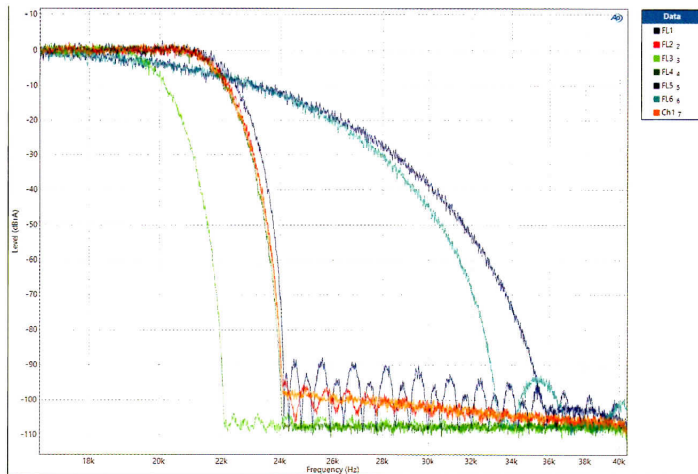
BRIGHTNESS

- LEVEL 1 ~ LEVEL 8

Instructions

PCM FILTER

- FL 1(Minimum phase)
- FL 2(Linear phase apodizing fast roll-off)
- FL 3(Linear phase fast roll-off)
- FL 4(Linear phase fast roll-off low ripple)
- FL 5(Linear phase slow roll-off)
- FL 6(Minimum phase fast roll-off)
- FL 7(Minimum phase slow roll-off)




About MQA

MQA (Master Quality Authenticated) is an award-winning British technology that delivers the sound of the original master recording. The master MQA file is fully authenticated and is small enough to stream or download. The D-6S includes MQA technology, which enables you to playback MQA audio files and streams, delivering the sound of the original master recording.

Visit How it works <https://www.mqa.co.uk/how-it-works> for more information.

How to play MQA

- D-6S supports MQA decoding with USB, optical fiber and coaxial!
- D-6S's MQA playback does not require the use of special playback software, such as foobar2000, Audirvanaplus only needs to support ASIO or WASAPI audio output, and when playing MQA audio, it is best to adjust the volume of the computer to the maximum, so that the audio output of the computer is in the best condition.
- When playing an MQA file, the sampling rate of the original master recording is displayed.

 **MQA** and the Sound Wave Device are registered trade marks of MQA Limited. © 2016

Notes on playing MQA-CD

- Please make sure that what is being played is a genuine MQA-CD.
- Verify that the optical or coaxial signal output of the CD player is an unprocessed source code.