S.M.S.L

DSD

Direct Stream Digital

Hi-Res AUDIO

M8A

Shenzhen ShuangMuSanLin Electronics Co., Ltd.

Safety Notes

To assure the best performance, please read this manual carefully. Keep it in a safe place for future reference.

Warning

❶ Install this unit in a well ventilated, cool, dry, clean place-away from direct sunlight, heat sources, vibration, dust, moisture, or cold.

❷ Do not expose this unit to sudden temperature changes from cold to hot, and do not locate this unit in an environment with high humidity (i.e. a room with a humidifier) to prevent condensation inside this unit, which may cause an electrical shock, fire, damage to this unit, or personal injury.

❸ Avoid installing this unit where foreign objects may fall onto this unit or this unit may be exposed to liquid dripping or splashing.

❹ On the top of this unit, do NOT place:

- Other components, as they may cause damage or discoloration on the surface of this unit.
- Burning objects (i.e. candles) , as they may cause fire , damage to this unit , or personal injury.
- Containers with liquid in them, as they may fall and liquid may cause electrical shock to the user or damage to this unit.
- Do not cover this unit with a newspaper, tablecloth, curtain , etc. in order not to obstruct heat radiation. If the temperature inside this unit rises, it may cause fire, damage to this unit, or personal injury.

❺ Do not use force on switches, knobs, and/or cords.

❻ When disconnecting the power cable from the wall outlet, grasp the AC plug; do not pull the cord.

❼ Do not clean this unit with chemical solvents; this might damage the finish .

❽ Use a clean, dry cloth.

❾ Only the voltage specified on this unit must be used. Using this unit with a higher voltage than specified is dangerous and may cause fire , damage to this unit, or personal injury. SMSL will not be held responsible for any damage resulting from use of this unit with a voltage other than that specified.

❿ Do not attempt to modify or fix this unit. Contact qualified SMSL service personnel when anyservice is needed. The cabinet should never be opened for any reason.

⓫ 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.

⓬ Before moving this unit, disconnect the power cable from the wall outlet.

⓭ Be sure to use the AC adaptor supplied with this unit. Using an AC adaptor other than the one provided may cause fire or damage to this unit.

⓮ Install this unit near the wall outlet and where the power cable can be reached easily.

⓯ For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet. This will prevent damage to the product due to lightning and power-line surges.

Note

The plug severed from the mains lead must be destroyed, as a plug with bared flexible cord is hazardous if engaged in a live socket outlet.

Features

❶ Using the 2nd gerneration of XMOS USB audio solution Xcore200 Xu208, PCM sampling rate support up to 768K and DSD512, Driver is exclusively customized and support native DSD,which is very advanced in audio range.

❷ ES9028Q2M as DAC chip from ESS Technology USA.

❸ Ultra-low jitter asynchronous design and using ultra-low phase noise crystal as audio clock.

❹ Audiophile powering design by couples of ultra-low noise LDO for the best performance.

❺ Mostly using audiophile resistor and capacitor specialized for audio products.

❻ Humanized operation,sound style and digital filter can be set by yourself.

❼ High precision CNC aluminum housing.

Specification

Input jacks:	USB/optical/coaxial	
Output jacks:	RCA Stereo	
THD+N:	0.0003%	
Dynamic range:	125dB	
SNR:	117dB	
USB transmission:	asynchronization	
Bit depth:	USB	16bit/24bit/32bit/1bit
	Optical/coaxial	16bit/24bit
Sampling rate:	USB	44.1kHz/48kHz/88.2kHz/96kHz/176.4kHz/192kHz/352.8kHz/384kHz/705.6kHz/768kHz/2.8224MHz/5.6448MHz/11.2896MHz/22.5792MHz
	Optical/coaxial	44.1kHz/48kHz/88.2kHz/96kHz/176.4kHz/192kHz

Note: Please visit http://www.smsl-audio.com to download M8A driver.

Parts Name

Ⓐ Press to power on/off
Press and hold button to make screen saver function on/off

Ⓑ Display

Ⓒ Press to switch input source
Press and hold button to switch filter

Ⓓ USB jack

Ⓔ Optical jack

Ⓕ Coaxial jack

Ⓖ Right channel ouput

Ⓗ Left channel output

Ⓘ Power jack

Display

❶ Input source indicators

❷ Sampling rate indicators

❸ Filtering mode indicators

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying th e appliance.

Safe use only under elevation 2000m.

Safe use only in the non-tropical climate conditions.

Factory Reset:

Connect the power wire when pressing the power button, until screen shows logo.

Warranty terms

1.The term of service

Shenzhen SuangMuSanLin Electronics Co.,LTD promise good quality products. If product is defective unit by normal use within 7 days after purchasing. The customer can chose to return or repair warranty (does not affect the secondary sales after they can return). Faulty for free within one year warranty normal use.

2.Date of purchase is in accordance with invoice date or receipt date is uesd by seller,on line shopping can cut trade shots.

3.Following situation can not enjoy'Three Guarantees'service:

❶ All damages by human factors, including use it under non-normal working environment the and not follow manual in structions.

❷ User privately disassemble, modification, maintenance;

❸ Use non-designated or approved accessories cause damage;

❹ QC warranty stickers damage on cabinet;

❺ Can not provide avalid purchasing prove;

❻ Not belong to SMSL products.

4.How to warranty

This terms only suitable for China mainland, other region please refer to the policy of the local sales agents and national.

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