

S.M.S.L



M300

USER MANUAL

<http://www.smsl-audio.com/>

TIPS

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

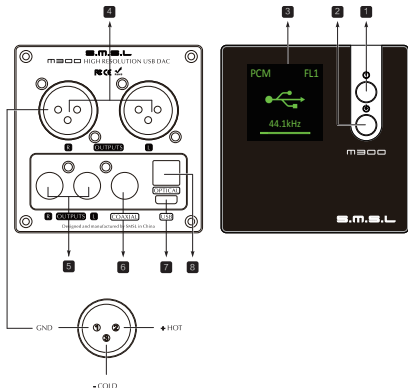
Features

- New series ID design, with glass panel, stylish and long life.
- AKM's flagship audio DAC AK4497, Ultra high SNR, ultra-low distortion, support DSD.
- The 2nd XMOS solution, PCM supports up to 32bit/768kHz, and DSD supports up to DSD512, custom driver for Native DSD .
- Two ultra-low phase noise crystal for 44.1/48kHz multiple frequencies.
- Built-in high-efficiency power module and lots of low-noise LDOs provides pure power for analog circuit .
- Lots of audio grade components, include MELF resistors, NP0 capacitor, Gold-plated jacks.
- Use a 1.54-inch high-resolution full-view color IPS display, and user can choose the color of fonts.
- True balanced output and high quality XLR connector.
- 6 digital filters for different music listening.
- Full aluminum CNC milling chassis.

Specification

Inputs	USB / Optical / Coaxial
Output Level.....	RCA 2Vrms
	XLR 4Vrms
THD+N	0.0004%
Dynamic range	RCA 120dB
	XLR 123dB
SNR	116dB
USB compatibility	Windows 7 / 8 / 8.1 / 10
	Mac OS X10.6 or Later / Linux
Bit depth	
USB	1bit ~ 32bit
Optical/coaxial	16bit ~ 24bit
Sampling rate:	
USB	44.1 ~ 768kHz
	DSD64, DSD128, DSD256, DSD512
Optical/coaxial	32 ~ 192kHz
Power Consumption	1.8W
Standby power	<0.1W
Size	70x70x160mm (WxHxD)
Weight	0.5Kg

Features



- | | |
|--------------------------------------|--------------------------|
| 1 Power/color switching | 5 RCA output |
| 2 Input selection / filter switching | 6 Optical input |
| 3 Display | 7 USB input/Power Supply |
| 4 Balanced output | 8 Coaxial input |

POWER/INPUT KEY

1. POWER / COLOR SWITCHING

- Press the "Power/Color Switch" button to turn the power on or off.
 - Hold the "Power/Color Switch" button to switch the display color.
- Font color 6 kinds: white → red → green → blue → yellow → purple

2. INPUT SELECTION / FILTER SWITCHING

- Press the "Input Selection / Filter Switch" button to select the input source.



USB



Optical



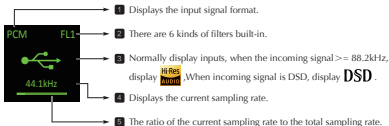
Coaxial

- Hold the "Input Selection / Filter Switch" button to switch the filter.

There are 6 kinds of filters built into the machine: FL1 ~ FL6

- The six filters are:
- FL1 (Sharp Roll-off Filter)
 - FL2 (Slow Roll-off Filter)
 - FL3 (Short Delay sharp Roll-off Filter)
 - FL4 (Short Delay Slow Roll-off Filter)
 - FL5 (Super Slow Roll-off Filter)
 - FL6 (Low Dispersion Short Delay Filter)

3. DISPLAY DESCRIPTION



Factory Reset

Connect the power cord 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 used by seller,on line shopping can cut trade shots.

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

- All damages by human factors, including use it under non-normal working environment the and not follow manual in structions.
- User privately disassemble, modification, maintenance;
- Use non-designated or approved accessories cause damage;
- QC warranty stickers damage on cabinet;
- Can not provide avalid purchasing prove;
- 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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