

**CLASS-D DIGITAL MODULE WITH DSP**

| <b>SPECIFICATIONS</b>      |                                                 |
|----------------------------|-------------------------------------------------|
| <b>ITEM</b>                | <b>PW1003</b>                                   |
| 8Ω Power                   | L:1500W +M:500W +H:500W                         |
| 4Ω Power                   | L:1800W +M:900W +H:900W                         |
| Frequency Response         | 20Hz-20KHz ±1dB                                 |
| THD+N 1KHz 1W 8Ω           | < 0. 1%                                         |
| Signal to Noise Ratio 1KHz | > 100dB                                         |
| Channel Separation 1KHz    | > 80dB                                          |
| Class                      | D                                               |
| Protection                 | Shart,DCP,OVP,UVP,OCP,OTP                       |
| Operating Voltage          | 90V-135V/180V-265V                              |
| Input Sensitivity          | 0.775V                                          |
| Input Impedance            | 20KΩ                                            |
| DSP Fuction                | MUTE,Polarity,Gain,Delay,limiter,Mixer,EQ,XOver |
| DSP Control                | USB and RS-485                                  |
| Dimensions(WxHxD)          | 312x190x120mm                                   |
| Packing Dimension          | 350x210x150mm                                   |
| Net Weight(kg)             | 4.9                                             |
| Gross Weight(kg)           | 5.9                                             |

|                                                       |   |
|-------------------------------------------------------|---|
| Contents. . . . .                                     | 1 |
| Important note. . . . .                               | 2 |
| Input and output. . . . .                             | 3 |
| Input and output      Installation dimension. . . . . | 4 |
| PC interface. . . . .                                 | 5 |
| PC interface. . . . .                                 | 6 |
| PC interface. . . . .                                 | 7 |
| Specifications. . . . .                               | 8 |

***WARNING NOTICES***

**SAFEGUARDS**

Electrical energy can perform many useful functions, This unit has been engineered and manufactured to assure your personal safety. Improper use can result in potential electrical shock or fire hazards. In order not to defeat the safeguards, observe the following precautions for its installation, use and servicing.

**Explanation of Graphical Symbols**



**CAUTION  
RISK OF ELECTRIC SHOCK  
DO NOT OPEN**



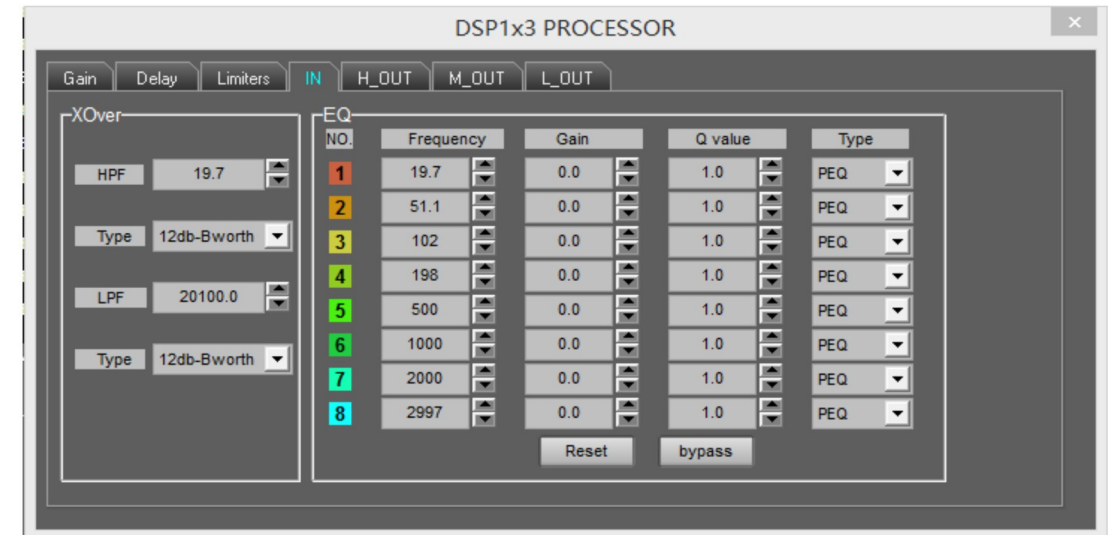
**CAUTION  
RISK OF ELECTRIC SHOCK:  
OPEN ONLY IF QUALIFIED  
AS SERVICE PERSONNEL**

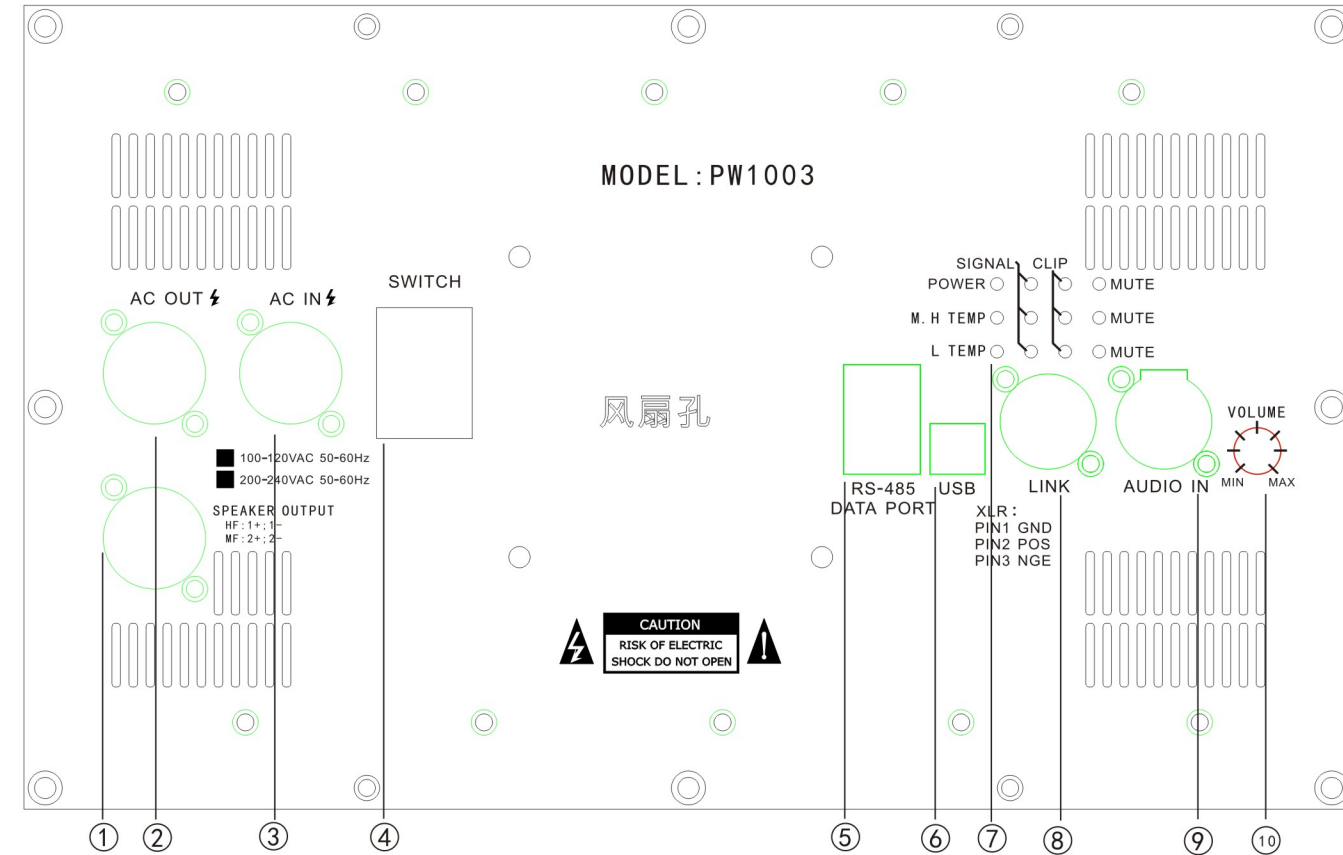
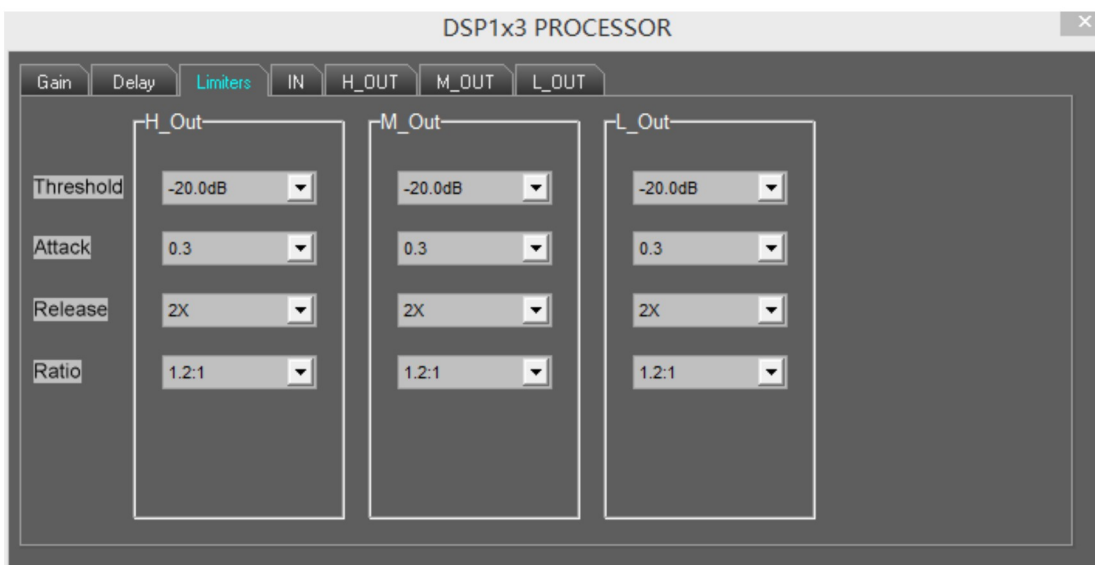
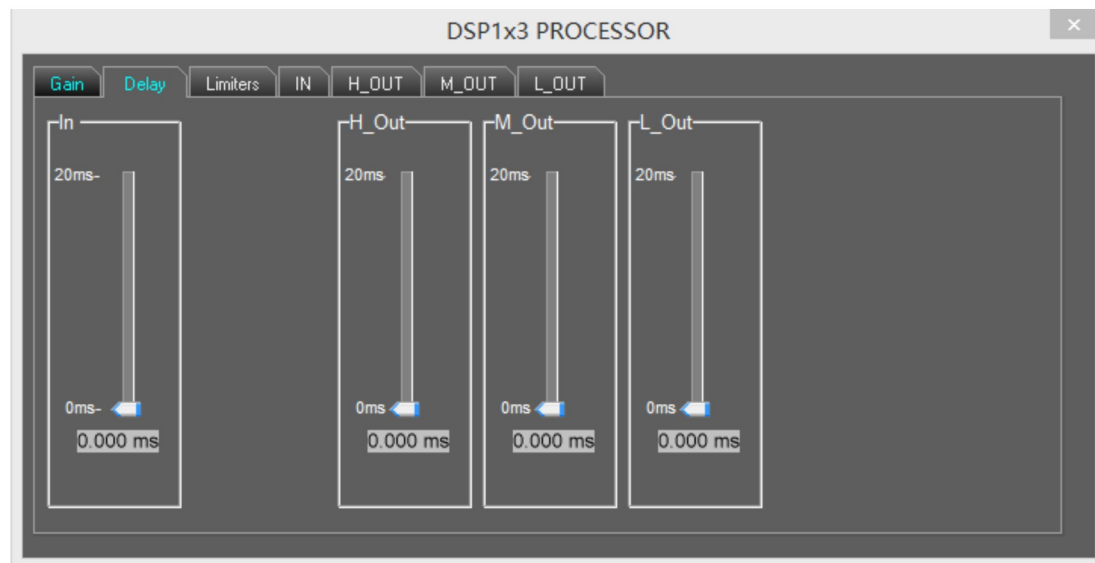
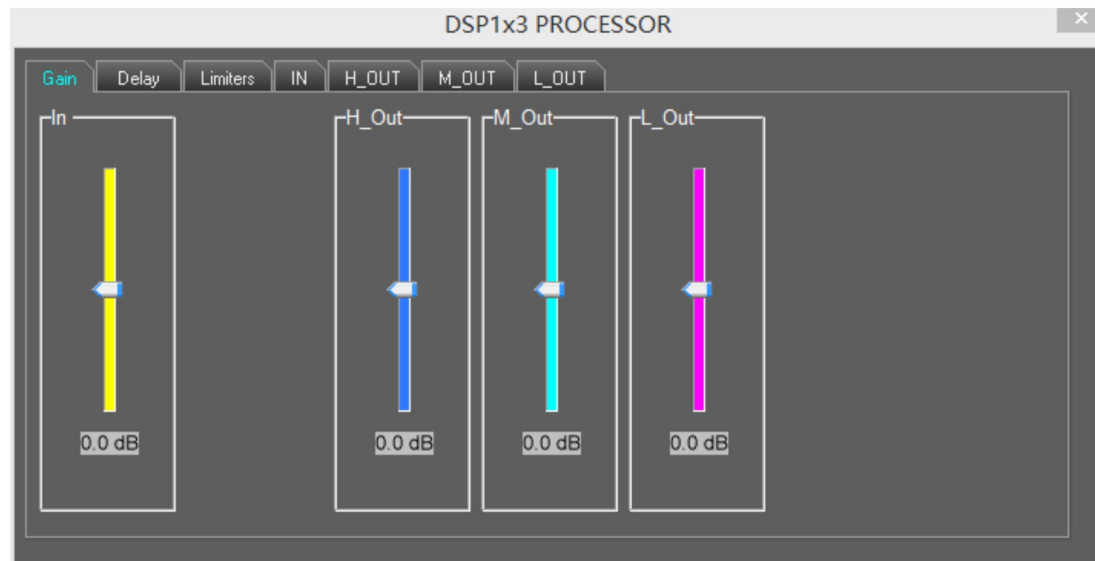
**WARNING: TO PREVENT FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE**

**IMPORTANT NOTE**

ATTENTION: This unit must be protected from damp because of the risk of fire and the possibility of electric shocks.

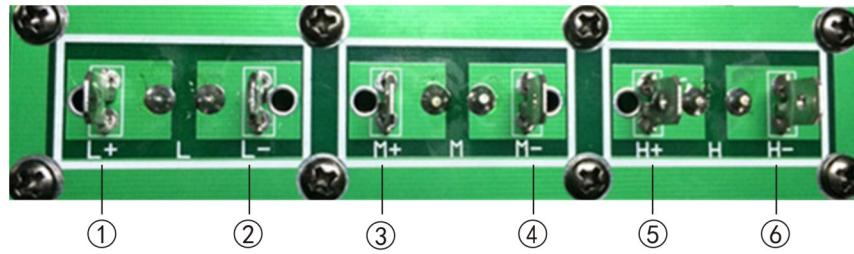
1. Make sure that you have the correct mains voltage. Only operate the unit at the mains voltage marked on the rear panel.
2. Make sure that nothing especially no metal objects are inserted into the device. This could result in electric shock or malfunction.
3. If the unit is subjected to extreme fluctuations of temperature e.g. On being transported from outside into a heated room, condensation can form. This unit should not be used until it has reached room temperature.
4. In the event of water or any other fluid being accidentally spilt on the unit switch the unit off immediately and send it to a qualified service workshop for inspection.
5. Make sure that the unit is always well ventilated and never exposed to direct sunlight
6. Do not use sprays to clean the unit as they have a detrimental effect on the unit and could ignite suddenly.
7. The machine use single power switch, please cut off the power before fix.
8. Please do not put the cup, vessel of flower or container above the machine, in case the leak out water then cause the leakage current off the machine.





1. SPEAKER OUTPUT
2. POWER SUPPLY LINK
3. POWER SUPPLY INPUT
4. POWER SWITCH
5. 485 DATA CONTROL INPUT AND OUTPUT
6. USB DATA CONTROL INPUT
7. LED INDICATORS
8. AUDIO LINK OUTPUT
9. AUDIO INPUT
10. VOLUME CONTROL

### Output connections



- ① L+ OUT POSITIVE
- ② L- OUT NEGATIVE
- ③ M+ OUT POSITIVE
- ④ M- OUT NEGATIVE
- ⑤ H+ OUT POSITIVE
- ⑥ H- OUT NEGATIVE

COM: COM4 Disconnect

COM: COM4 Connect

Show or hiddenCurve

DSP1x3 PROCESSOR

Device ID: 1

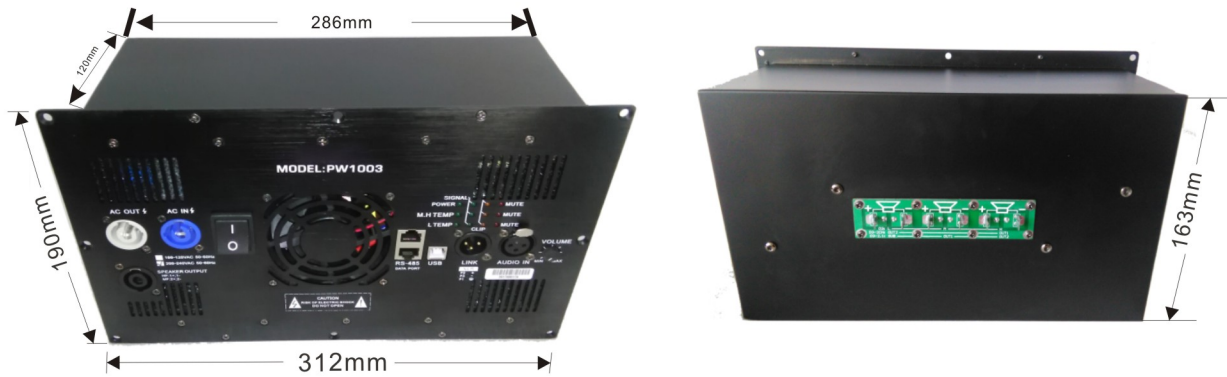
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PRESET SAVE OR LOAD

SAVE OR LOAD 1- GROUP PARAMETER TO PC

SAVE OR LOAD 20- GROUP PARAMETER TO PC

ID SETUP



### INSTALLATION DIMENSION

DSP1x3 PROCESSOR

Gain Delay Limiters IN H\_OUT M\_OUT L\_OUT

In 0.8 dB

H\_Out -1.6 dB

M\_Out 1.9 dB

L\_Out 5.5 dB