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Important Note

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**

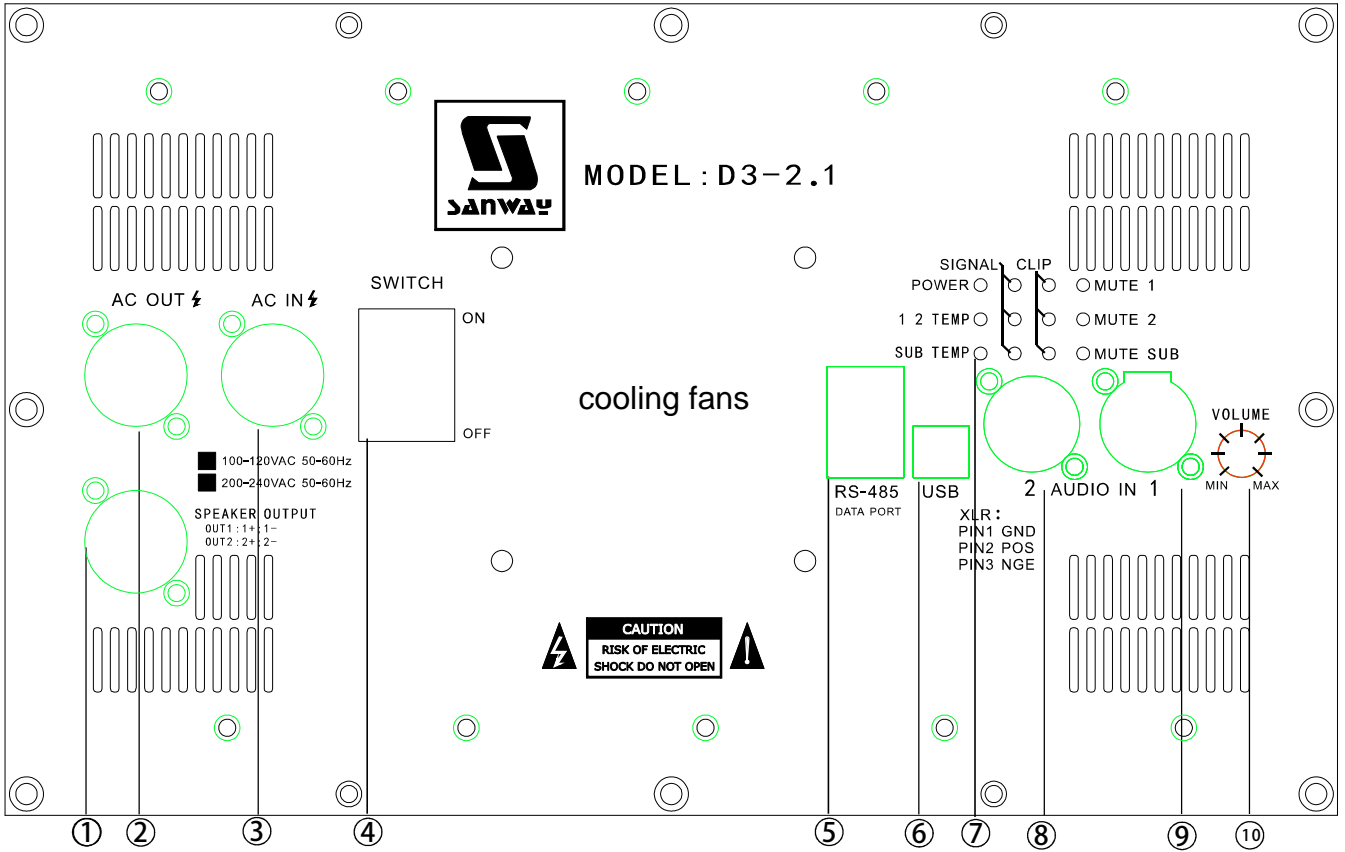
IMPORTANT NOTE

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.



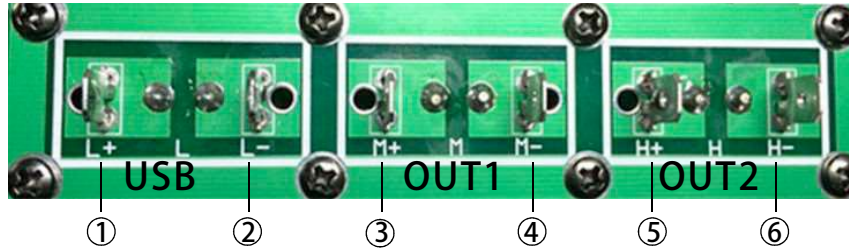
Input and output



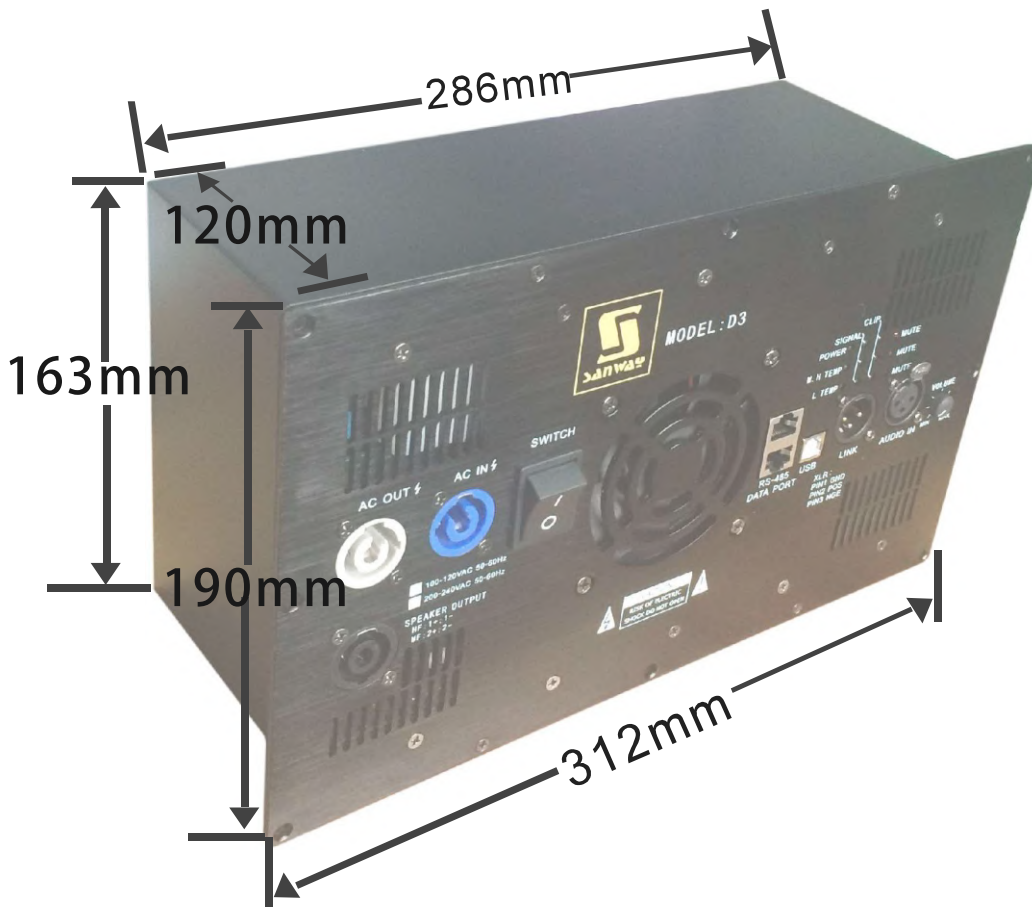
- 1.SPEAKER OUTPUT
- 2.POWER SUPPLY LINK
- 3.POWER SUPPLY INPUT
- 4.POWER SWITCH
- 5.485 DATA CONTROL INPUT AND OUTPUT
- 6.USB DATA CONTROL INPUT
- 7.LED INDICATORS
- 8.AUDIO INPUT2
- 9.AUDIO INPUT1
- 10.VOLUME CONTROL



Output connections



- ① OUT SDB+ POSITIVE
- ② OUT SDB- NEGATIVE
- ③ OUT 1+ POSITIVE
- ④ OUT 1- NEGATIVE
- ⑤ OUT 2+ POSITIVE
- ⑥ OUT 2- NEGATIVE



INSTALLATION DIMENSION



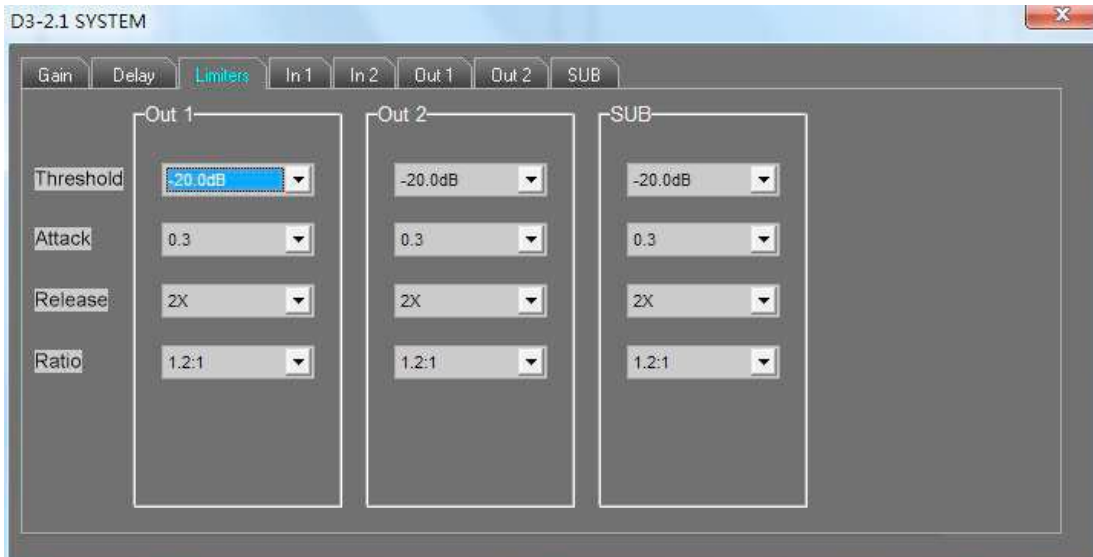
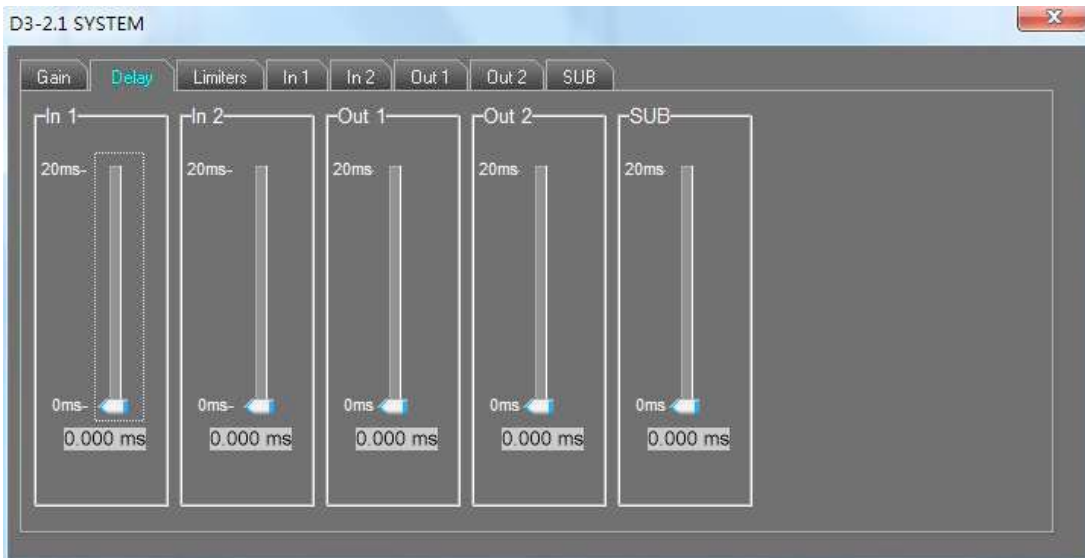
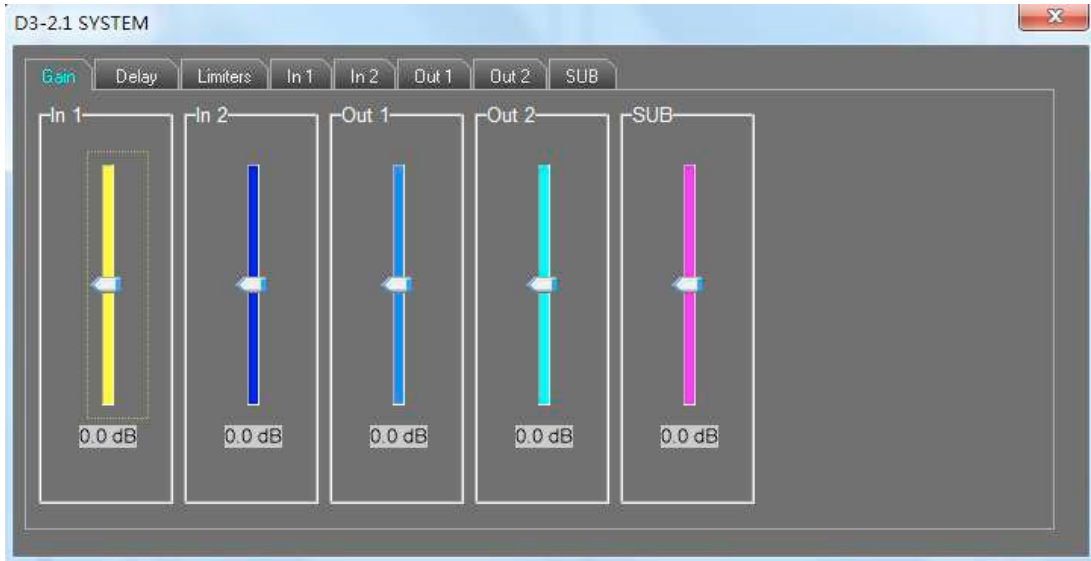
PC interface

The screenshot shows the main interface of the D3-2.1 SYSTEM software. At the top, there are COM port settings (COM4) and a 'Device ID: 1' dropdown. Below this is a 'show all' button and a 'Show or hidden Curve' label with an arrow pointing to a graph. The graph displays a flat frequency response line at 0dB across a range from 20Hz to 20KHz. Below the graph are control panels for IN 1, IN 2, OUT 1, OUT 2, and SUB, each with buttons for Mute, Pol+, Gain, Delay, EQ, and XOver. At the bottom, there is a 'System' section with buttons for 'save 20-group to PC', 'Save/Load File to PC', 'Load Preset', 'load 20-group to DV', 'Load File', 'Store File', 'Save Preset', and 'Store Preset'. A 'Change Device ID: 01' dropdown is also present. Arrows point from these buttons to labels: 'PRESET SAVE OR LOAD', 'ID SETUP', 'SAVE OR LOAD 1- GROUP PARAMETER TO PC', and 'SAVE OR LOAD 20- GROUP PARAMETER TO PC'. An 'ID NUMBER' label with an arrow points to the 'Device ID' dropdown.

This is a close-up of the 'Gain' control window in the software. It features a 'show all' button at the top. The window is divided into sections for 'In 1', 'In 2', 'Out 1', 'Out 2', and 'SUB'. Each section contains a vertical slider with a white knob and a numerical value below it: In 1 (0.8 dB), In 2 (-1.6 dB), Out 1 (-1.6 dB), Out 2 (1.9 dB), and SUB (5.5 dB). The background shows a portion of the frequency response graph with a red line.



PC interface





PC interface

D3-2.1 SYSTEM

Gain Delay Limiters **In 1** In 2 Out 1 Out 2 SUB

XOver

HPF 19.7

Type 12db-Bworth

LPF 20100.0

Type 12db-Bworth

EQ NO.	Frequency	Gain	Q value	Type
1	19.7	0.0	1.0	PEQ
2	51.1	0.0	1.0	PEQ
3	102	0.0	1.0	PEQ
4	198	0.0	1.0	PEQ
5	500	0.0	1.0	PEQ
6	1000	0.0	1.0	PEQ
7	2000	0.0	1.0	PEQ
8	2997	0.0	1.0	PEQ

Reset bypass

+15dB

+10dB

+5dB

0dB

-5dB

-10dB

-15dB

-20dB

-25dB

-30dB

20Hz

20KHz

D3-2.1 SYSTEM

Gain Delay Limiters **In 1** In 2 Out 1 Out 2 SUB

XOver

HPF 19.7

Type 12db-Bworth

LPF 20100.0

Type 12db-Bworth

EQ NO.	Frequency	Gain	Q value	Type
1	19.7	5.4	1.0	PEQ
2	51.1	-2.2	1.0	PEQ
3	102	0.6	1.0	PEQ
4	198	-0.8	1.0	PEQ
5	500	0.0	1.0	PEQ
6	1000	5.8	1.0	PEQ
7	2000	0.0	1.0	PEQ
8	2997	0.0	1.0	PEQ

Reset bypass

IN 1 Mute Pol+ Gain Delay EQ XOver

IN 2 Mute Pol+ Gain Delay EQ XOver

System

save 20-group to PC

load 20-group to DV

Load File Store File Save Pre1: Store Preset Change Device ID: 01 Change

COM: Disconnect Device ID: 1

IN 1 IN 2 OUT 1 OUT 2 SUB

+15dB

+10dB

+5dB

0dB

-5dB

-10dB

-15dB

-20dB

-25dB

-30dB

20Hz 50Hz 100Hz 200Hz 500Hz

D3-2.1 SYSTEM

Gain Delay Limiters **In 1** In 2 Out 1 Out 2 SUB

XOver

HPF 19.7

Type 12db-Bworth

LPF 20100.0

Type 12db-Bworth

EQ NO.	Frequency	Gain	Q value	Type
1	19.7	0.0	1.0	PEQ
2	51.1	0.0	1.0	PEQ
3	102	0.0	1.0	PEQ
4	198	0.0	1.0	PEQ
5	500	0.0	1.0	PEQ
6	1000	0.0	1.0	PEQ
7	2000	0.0	1.0	PEQ
8	2997	0.0	1.0	PEQ

Reset bypass

IN 1 Mute Pol+ Gain Delay EQ XOver Limiter

IN 2 Mute Pol+ Gain Delay EQ XOver Limiter

OUT 1 Mute Pol+ Gain Delay EQ XOver Limiter

OUT 2 Mute Pol+ Gain Delay EQ XOver Limiter

SUB Mute Pol+ Gain Delay EQ XOver Limiter

System

save 20-group to PC Save/Load File to PC Load Load Preset

load 20-group to DV Load File Store File Save Pre1: Store Preset Change Device ID: 01 Change



Specifications

CLASS-D DIGITAL MODULE WITH DSP

SPECIFICATIONS	
ITEM	D3-2.1
8Ω Power	SUB:1500W + OUT1:500W+ OUT2:500W
4Ω Power	USB:1800W + OUT1:900W+ OUT2:900W
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	Short,DCP,OVP,UVP,OCP,OTP
Operating Voltage	90V-135V / 180V-265V
Input Sensitivity	0.77V
Input Impedance	20KΩ
DSP Fuction	MUTE,Polarity,Gain,Delay,Limiter,Mixer,EQ,XOver
DSP Control	USB and RS-485
Dimensions(W×H×D)	312×190×120mm
Packing Dimension	350×210×150mm
Net Weight(kg)	4.9
Gross Weight(kg)	5.9