

BG-AMP150WD

Dante-Enabled Class D Amplifier with 2x75W Stereo/150W Bridged Output/Built-In DSP

User Manual







TABLE OF CONTENTS

Statement	4
Safety Precaution	4
Surge protection device recommended	4
Caution - UTP Connectors	4
Introduction	5
Features	5
Packing List	5
Specifications	6
Operation Controls and Functions	8
Front Panel	8
Front Panel	9
Dante Web GUI User Guide	10
RS-232 Control Command	15
Connection Diagram	21
Troubleshooting	22
Tech Support	23
Limited Product Warranty Terms	23
Mission Statement	24
Copyright	24



Statement

Please read these instructions carefully before connecting, operating, or configuring this product. Please save this manual for future reference.

Safety Precaution

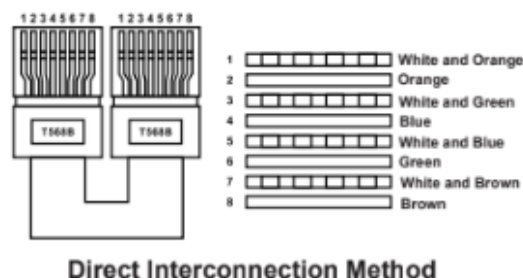
- To prevent damaging this product, avoid heavy pressure, strong vibration, or immersion during transportation, storage, and installation.
- The housing of this product is made of organic materials. Do not expose to any liquid, gas, or solids which may corrode the shell.
- Do not expose the product to rain or moisture.
- To prevent the risk of electric shock, do not open the case. Installation and maintenance should only be carried out by qualified technicians.
- Do not use the product beyond the specified temperature, humidity, or power supply specifications.
- This product does not contain parts that can be maintained or repaired by users. Damage caused by dismantling the product without authorization from BZBGear is not covered under the warranty policy.
- Installation and use of this product must strictly comply with local electrical safety standards.

Surge protection device recommended

This product contains sensitive electrical components that electrical spikes, surges, electric shocks, lightning strikes, etc may damage. Use of surge protection systems is highly recommended to protect and extend the life of your equipment.

Caution - UTP Connectors

The product requires the use of UTP connectors. Please connect in direct interconnection method and do not cross-connect.





Introduction

The BG-AMP150WD is a two-channel amplifier utilizing class D amplifier technology. It is capable of powering low impedance ($4\Omega/8\Omega$) stereo systems with a maximum power of 2 x 75 watts. When bridged to a constant voltage (100V and 70V), it delivers a maximum output power of 150 watts. The amplifier includes Dante 2-channel digital inputs and outputs, as well as balanced or unbalanced line-level analog inputs and outputs.

Control options for this amplifier include RS-232, LAN, and Web GUI. It also features built-in DSP, auto-standby, and exceptional durability. This makes it ideal for a wide range of AV installations.

Features

- Dante 2CH digital audio, balanced or unbalanced line-level analog inputs
- Dante 2CH digital audio, balanced or unbalanced line-level analog, and AMP outputs
- Built-in audio DSP processor
- Switching between Lo-Z and Hi-Z can be achieved to adapt to various types of speaker installation.
 - In Lo-Z output mode, single-channel 150 Watt or two-channel 2 x 75 Watt $4\Omega/8\Omega$ can be selected.
 - In Hi-Z output mode, single-channel 150 Watt with 70V/100V can be selected.
- Independent input gain, output EQ, and volume control
- 48KHz sampling rate, 24bit independent A/D and D/A converters
- 5-12V trigger input
- Auto standby
- Flexible control via RS-232, LAN, and Web GUI
- Half rack design/one rack design

Packing List

- 1 x 150W Class D Amplifier
- 3 x 5pin-3.81mm Phoenix Connector (male)
- 2 x 4pin-5.08mm Phoenix Connector (male)
- 6 x Mounting Ear
- 24 x Machine Screw
- 1 x AC (100-240V) Multinational Power Cord (1.5 meters)
- 1 x User Manual



Specifications

Technical	
Input	1x Dante Network audio input 1x LINE balanced stereo 0dBu/10kΩ input
Output	1x Dante Network audio output 1x Stereo or constant voltage 70V/100V speaker output 1x LINE balanced stereo output
Input Sensitivity	Full power@0.775V (0dBu)
Output Power	DC power supply: 2x 75W@4Ω/8Ω; 1x 150W@8Ω; 1x 150W@70V/100V
Maximum Voltage Gain	27 - 30dB SE/39 - 42dB BTL
Amplifier Type	Class D
Frequency Response	20Hz - 20kHz @ ±3dB
Signal-to-Noise Ratio	87dB, 20Hz - 10kHz
THD+N	THD+N (1KHz@1W) 0.04%
Control	RS-232, Web GUI
Audio Format	LINE IN [Analog audio, Balanced 2CH, Max input level 2VRMS] LINE OUT [Analog audio, Balanced 2CH, Max output level 2VRMS] DANTE [Digital audio 2x2 in/out, PCM 2CH 44.1K-96KHz 16/24Bit] AMP OUT [Analog audio, Balanced 2CH, Max output level 24.5VRMS] 70V/100V AMP OUT [Analog audio, Unbalanced 1CH, Max output level 70V/100VRMS]
ESD Protection	Human-body Model: ±8kV (Air-gap discharge) , ±4kV (Contact discharge)
Connection	
Input:	1x LINE IN [5pin-3.81mm Phoenix Connector] 1x DANTE [RJ45 connector]
Output:	1x LINE OUT [5pin-3.81mm Phoenix Connector] 1x 4/8Ω AMP OUT [MSTB 2.5-GF-5.08, 4-pin locking phoenix, 5.08mm] 1x 70V/100V AMP OUT [MSTB 2.5-GF-5.08, 4-pin locking phoenix, 5.08mm]
Control:	1x RS-232/TRG [5pin-3.81mm phoenix connector] [TRG: 5-12V trigger input to turn on/off the amplifier] 1x LAN [RJ45 connector]
Mechanical	
Housing	Front panel: Aluminum; Rear case: Metal Enclosure
Color	Black
Dimensions	240mm [W]×210mm [D]×44mm [H]
Weight	1.88Kg

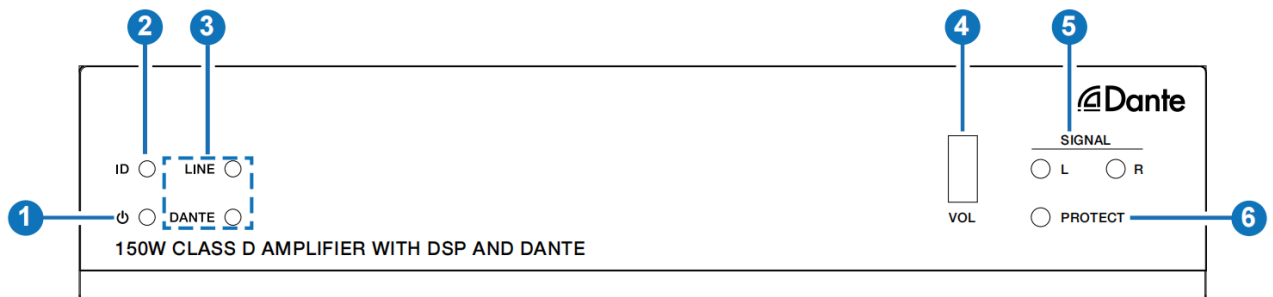


Power Supply	DC Input: AC100 - 240V 50/60Hz
Power Consumption	240W (Max)
Operating Temperature	0°C ~ 40°C / 32°F ~ 104°F
Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F
Relative Humidity	20%~90% RH (non-condensing)



Operation Controls and Functions

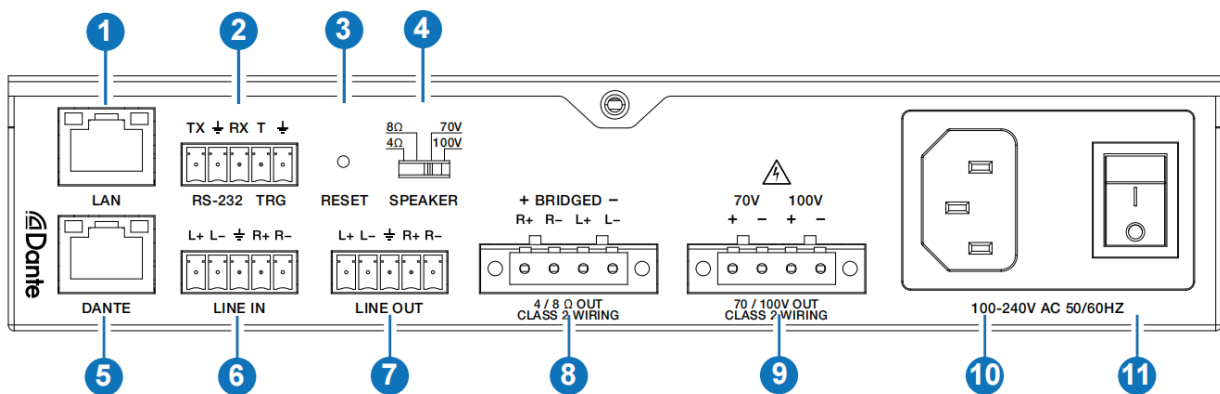
Front Panel



No.	Name	Function Description
1	Power LED	When the product is powered on, the red power LED is on.
2	ID (show me) LED	This LED indicates the presence of the product. It can be controlled through Web GUI or API commands. For example, when selecting the “On” option for “DANTE Identification” on the System page of the Web GUI, the ID (show me) LED on the front panel will flash, so that you can find the corresponding machine in the system.
3	LINE/DANTE LED	Input signal source indicators. When the DANTE or LINE IN port is selected as the signal input channel, the corresponding green LINE/DANTE LED is on. Note: The DANTE port is the signal input channel by default.
4	VOL LED	The main audio volume of the system is displayed in five green segments, with each segment corresponding to 20% of the volume. 50% of the main audio volume is displayed by default after system initialization. Note: The audio volume can be controlled through Web GUI or API command.
5	SIGNAL L/R LEDs	Left and right channel signal indicators of the stereo audio. When there is a stereo audio signal, the LEDs will be on.
6	PROTECT LED	When the machine is protected by overtemperature, overcurrent, or overvoltage, the PROTECT LED is on.



Front Panel



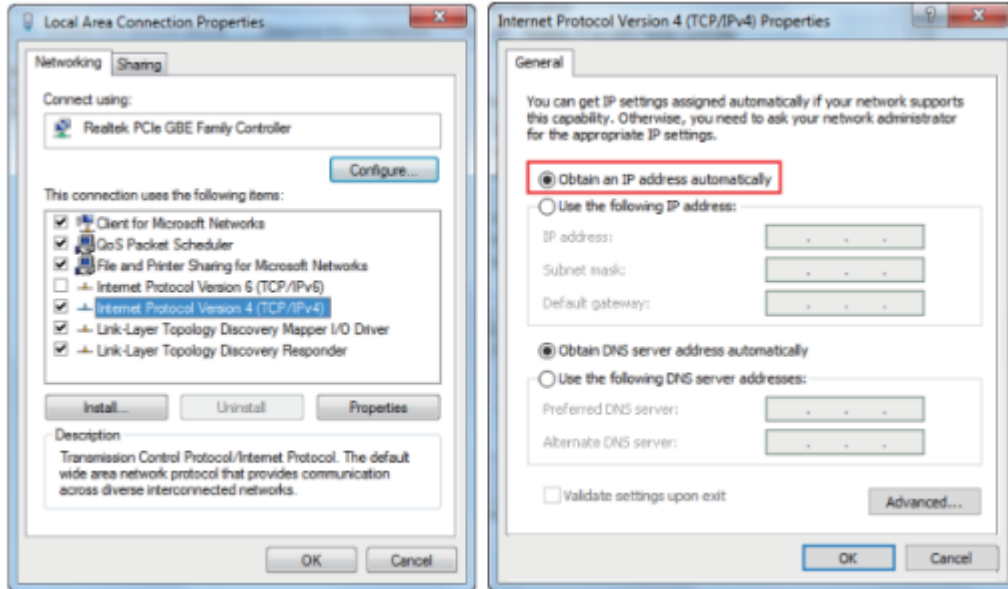
No.	Name	Function Description
1	LAN port	Connect to a PC for Web access. The default IP address is 192.168.0.200.
2	RS-232/TRG port	RS-232: Serial control port, used for RS-232 signal pass-through or controlling this product via RS-232 commands. TRG: T trigger signal input port, effective at a high level. When this port is connected to a 5V/12V trigger voltage, the amplifier will be mute. After the trigger is disconnected, the amplifier can output audio normally.
3	RESET button	Press and hold this button for 5 seconds to restore to factory default settings.
4	SPEAKER switch	Speaker high-low resistance switch, used to switch among Lo-Z (4Ω/8Ω), Hi-70V, and Hi-100V.
5	DANTE port	Dante audio input and output port, using dynamic IP by default.
6	LINE IN port	Balanced stereo audio input port, with a Max input level of 2Vrms.
7	LINE OUT port	Balanced stereo audio output port, with a Max output level of 2Vrms.
8	4/8Ω OUT port	4/8Ω speaker output port. When this port is connected to a 4/8Ω speaker and the SPEAKER switch is dialed to 4/8Ω, the audio will be output from this port normally.
9	70/100V OUT port	70/100V speaker output port. When this port is connected to a 70/100V speaker and the SPEAKER switch is dialed to 70/100V, the audio will be output from this port normally.
10	Power port	100-240V AC 50/60Hz power input port.



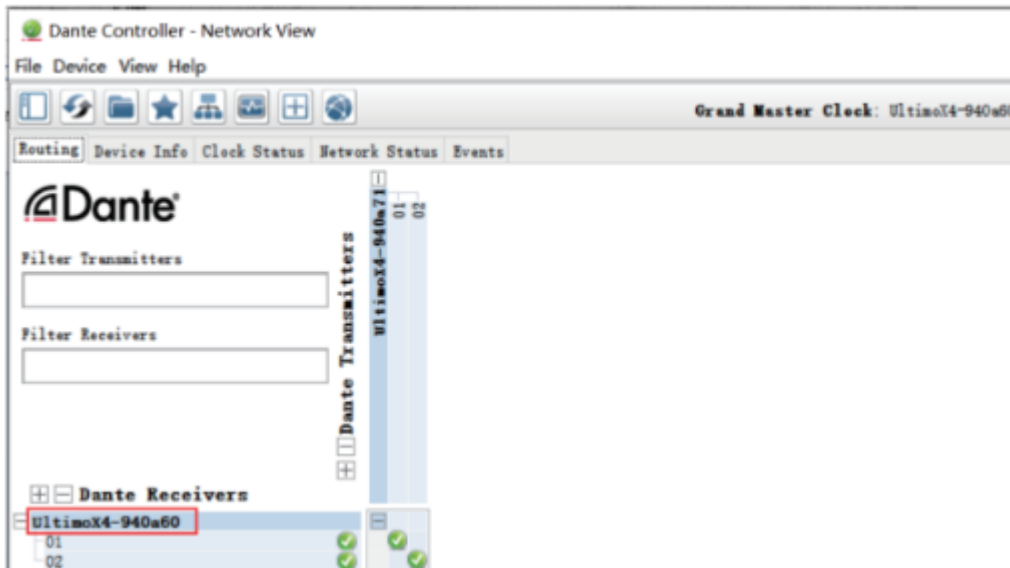
Dante Web GUI User Guide

There is a built-in Dante Web GUI for the amplifier. To operate it, follow these steps:

1. Connect the amplifier and your PC to the same Ethernet switch using two network cables.
2. Set your PC's network connection to "Obtain an IP address automatically."

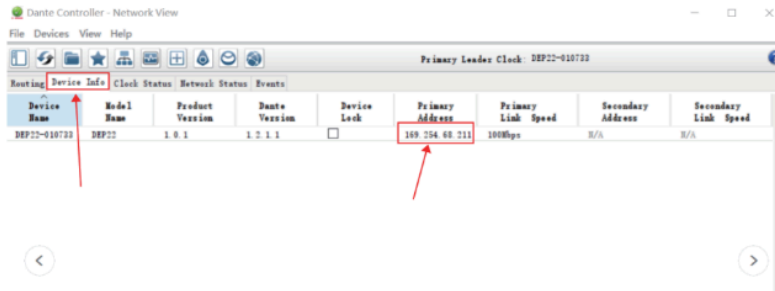


3. Open the Dante Controller software on your PC, and locate the Dante device on the Routing page, as shown in the figure below.

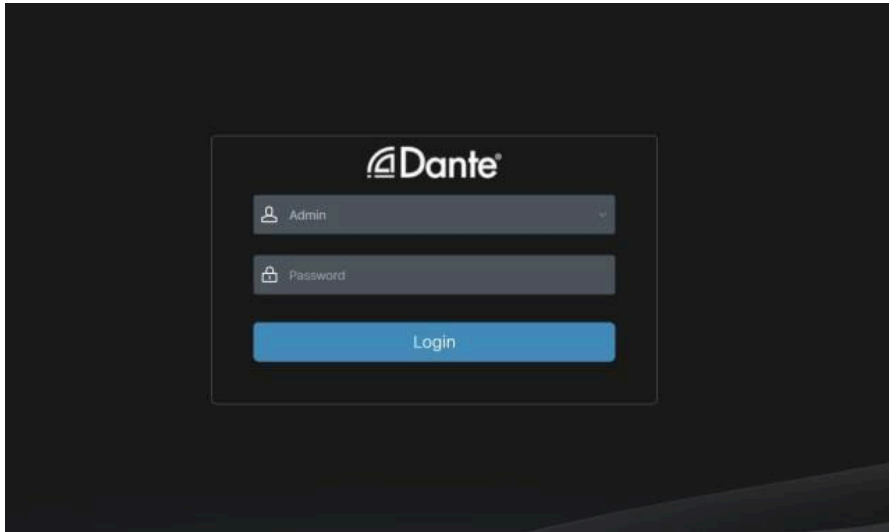




4. Click on the Device Info tab to check the IP address of the Dante device.



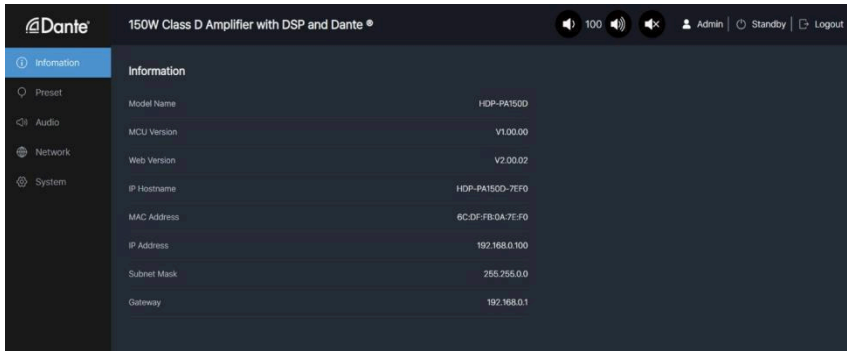
5. Enter the IP address of the Dante device into your PC's browser to access the login interface of the Dante Web GUI.



6. Select the default username "Admin" and enter the password "1234". Click the "Login" button to access the Information page of the Dante Web GUI.

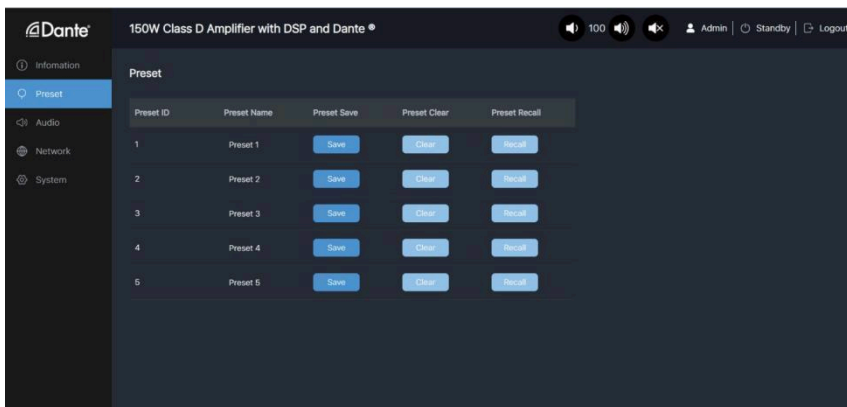


Information Page



The Information page displays basic details such as model name, software version, and IP information.

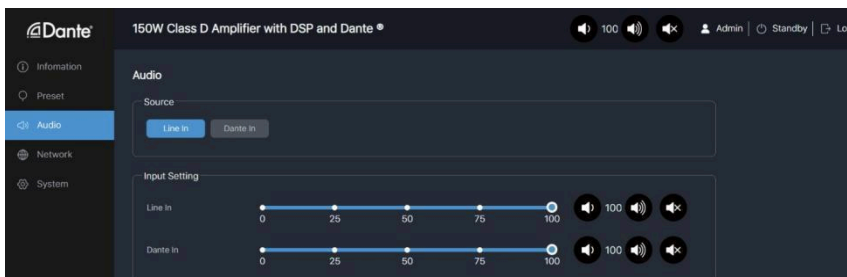
Preset Page



You can configure up to 5 preset scenes on this page:

- 1. Preset Name:** Enter a name for the preset scene (Chinese characters are not supported).
- 2. Preset Save:** Save the current scene.
- 3. Preset Clear:** Clear the saved scene.
- 4. Preset Recall:** Recall a saved scene.

Audio Page



Source Select

- 1. Line In:** Select the LINE IN port as the audio input channel.
- 2. Dante In:** Select the DANTE port as the audio input channel.



Input Setting

Adjust output volume and mute/unmute settings for Line In and Dante In separately.



Output Setting

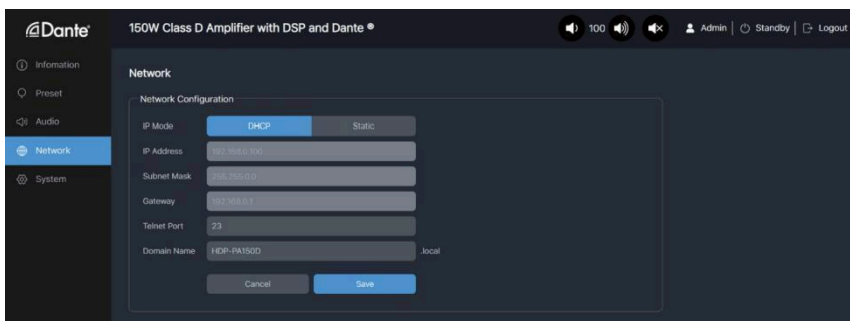
- 1. Master Out:** Adjust output volume and mute/unmute settings for Speaker Out, Line Out, and Dante Out individually or collectively.
- 2. Speaker Out/Line Out/Dante Out:** Select the output channel and configure delay, volume adjustments, and mute/unmute settings.



GEQ Setting

- 1. Output:** Select the output channel.
- 2. Equalizer:** Set the equalizer settings, including Flat, Custom1, and Custom2.

Network Page



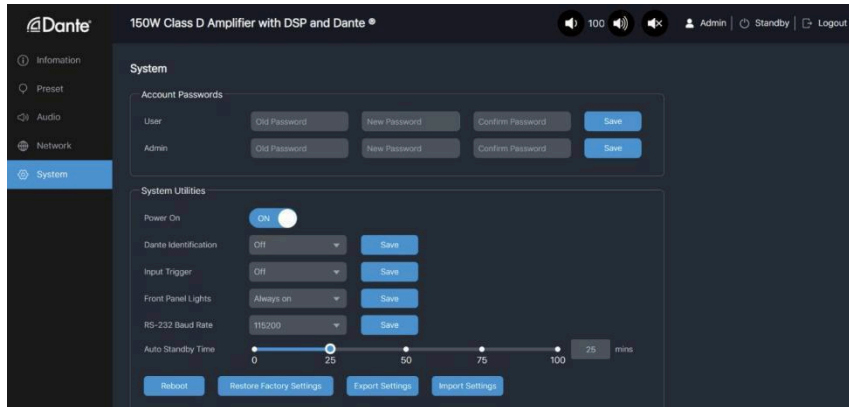
Network Configuration

Configure IP Mode (DHCP/Static), IP Address, Subnet Mask, Gateway, Telnet Port, and Domain Name.

Note: Use the domain name "HDP-PA150D.local" to access the Web GUI.



System Page



Account Passwords

Modify login passwords for User and Admin.

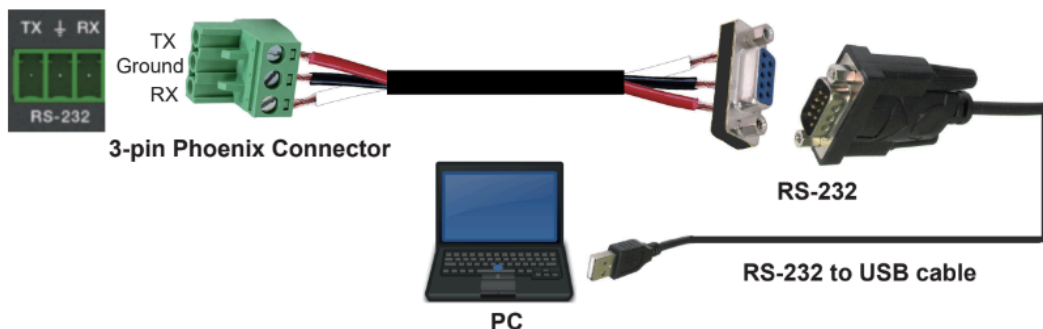
System Utilities

- 1. Power On:** Turn the amplifier on/off.
- 2. Dante Identification:** Set the display status of the ID LED.
- 3. Input Trigger:** Set the input trigger mode.
- 4. Front Panel Lights:** Set the display status of the VOL LED.
- 5. RS-232 Baud Rate:** Set the RS-232 baud rate.
- 6. Auto Standby Time:** Adjust the auto standby time.
- 7. Reboot:** Reboot the amplifier.
- 8. Restore Factory Settings:** Reset the amplifier to factory settings.
- 9. Export Settings:** Export configuration files.
- 10. Import Settings:** Import configuration files.



RS-232 Control Command

The product also supports RS-232 command control. To connect, use a 3-pin Phoenix connector cable to link the product's RS-232 port to a PC, utilizing an RS-232 to USB cable. The connection method is as follows:



ASCII Command				
Serial port protocol: Baud rate: 115200 (default), Data bits: 8bit, Stop bits:1, Parity bit: none TCP/IP protocol port: 8000				
x - Parameter 1, y - Parameter 2				
Command Code	Function Description	Example	Feedback	Default Setting
System Setting				
help	Get the list of all commands	help	===== Help Info MCU 1.1.0 Web 1.1.0 help Get the list of all commands r type Get device model r fw version Get Firmware version ===== ===== =====	List all API commands
?	Get the list of all commands	?	===== Help Info MCU 1.1.0 Web 1.1.0 help Get the list of all commands r type Get device model r fw version Get Firmware version ===== ===== =====	List all API commands
r type	Get device model	r type	HDP-PA150D	
r status	Get device current status	r status	Get the unit all status: power, FAN, audio source, in/out volume, mute, mix, delay time, L-Inverter, R-Inverter, Amplifier mode, EQ, trigger, standby time, baud rate, network status	



Command Code	Function Description	Example	Feedback	Default Setting
r fw version	Get Firmware version	r fw version	MCU 1.1.0 Web 1.1.0	
s power on	Power on the device	s power on	Power on System Initializing... Initialization Finished! MCU 1.1.0 Web 1.1.0	
s power off	Power off the device	s power off	Power off	
r power	Get current power state	r power	power on /power off	
s reboot	Reboot the device	s reboot	Reboot... System Initializing... Initialization Finished! MCU 1.1.0 Web 1.1.0	
s reset	Reset system settings to default (Should type "Yes" to confirm, "No" to discard)	s reset	Sure to Reset System Settings To Default? Type "Yes" after next prompt to confirm...	
s reset all	Reset system and network settings to default (Should type "Yes" to confirm, "No" to discard)	s reset all	Sure to Reset System and Network Settings To Default? Type "Yes" after next prompt to confirm...	
s auto stb x	Set system auto standby time x=0: auto standby off x=[1-120]: auto standby time (mins)	s auto stb 10	Set auto standby time: 10mins	10
r auto stb	Get system auto standby time	r auto stb	Auto standby time: 10mins	
s lcd on/off/15/30/60	Set volume LCD always on or auto turn off in power on state or turn on 15s/30s/60s	s lcd on s lcd off s lcd on 15	Set LCD light always on Set LCD light always off Set LCD light on 15s	on
r lcd	Get volume LCD on/off status	r lcd	LCD light always on	
s idled on/off/15/ 30/60	Set ID LED on or auto turn off in power on state or turn on 15s/ 30s/60s	s idled on s idled on 15	Set ID LED light always on Set ID LED light on 15s	off
r idled	Get id LED on/off status	r idled	ID LCD light always on	
s trigger on/off x	Set trigger on/off with trigger level: x=0: Low Level (0V) Mute Output x=1: High Level (5-12V) Mute Output	s trigger on 1 s trigger off	Set trigger on with high level Set trigger off	off
r trigger	Get trigger on/off status	r trigger	Trigger on with high level	
s rsb x	Set serial port baud rate to xbps x=(115200,57600,38400,19200, 9600,4800)	s rsb 115200	Set baud rate to 115200	115200
r rsb	Get serial port baud rate	r rsb	Baud rate 115200	
s fan x on/off	Set fan:x auto turn on or always off x=[0-2] 0:All, 1:Fan1, 2:Fan2	s fan 0 on	Set all fan on	on
r fan	Get fan status	r fan	All fan on	
Input Setting				
s input x	Set input source to x x=[1-2] 1:Line, 2:Dante	s input 1	Set input: Line	
r input	Get current input source	r input	Input: Line	
s input x vol y	Set input:x volume to y x=[0-2] 0:All, 1:Line, 2:Dante y=[0-100] volume value	s input 1 vol 50	Set input line volume: 50	50
r input x vol	Get input:x volume value x=[0-2] 0:All, 1:Line, 2:Dante	r input 1 vol	Input line volume: 50	



Command Code	Function Description	Example	Feedback	Default Setting
s input x vol+	Increase input:x volume x=[0-2] 0:All, 1:Line, 2:Dante	s input 1 vol+	Increase input line volume: 52	
s input x vol-	Decrease input:x volume x=[0-2] 0:All, 1:Line, 2:Dante	s input 1 vol-	Decrease input line volume: 50	
s input x mute on/off	Set input:x mute on/off x=[0-2] 0:All, 1:Line, 2:Dante	s input 1 mute on	Set input line mute on	
r input x mute	Get input:x mute on/off x=[0-2] 0:All, 1:Line, 2:Dante	r input 1 mute	Input line mute on	
Output Setting				
s master member x y z	Set master output member (x/y/z=0-1) x=0: Exclude Speaker Out x=1: Include Speaker Out y=0: Exclude Line Out y=1: Include Line Out z=0: Exclude Dante Out z=1: Include Dante Out	s master member 1 1 1	Set master member: 1 1 1	1 1 1
r master member	Get master output member	r master member	Master member: 1 1 1	
s master vol x s vol x	Set master output volume to x x=[0-100] volume value	s master vol 50 s vol 50	Set master volume: 50	50
r master vol r vol	Get master output volume	r master vol r vol	Master volume: 50	
s master vol+ s vol+	Increase master output volume	s master vol+ s vol+	Increase master volume: 52	
s master vol- s vol-	Decrease master output volume	s master vol- s vol-	Decrease master volume: 50	
s master mute on/off s mute on/off	Set master output mute on/off	s master mute on s mute on	Set master mute on	0
r master mute r mute	Get master output mute on/off status	r master mute r mute	Master mute on	
s output x vol y	Set output:x volume to y x=[0-3] 0:All, 1:Speaker, 2:Line, 3:Dante y=[0-100] volume value	s output 1 vol 50	Set output speaker volume: 50	50
r output x vol	Get output:x volume value x=[0-3] 0:All, 1:Speaker, 2:Line, 3:Dante	r output 1 vol	Output speaker volume: 50	
s output x vol+	Increase output:x volume x=[0-3] 0:All, 1:Speaker, 2:Line, 3:Dante	s output 1 vol+	Increase output speaker volume: 52	
s output x vol-	Decrease output:x volume x=[0-3] 0:All, 1:Speaker, 2:Line, 3:Dante	s output 1 vol-	Decrease output speaker volume: 50	
s output x mute on/off	Set output:x mute on/off x=[0-3] 0:All, 1:Speaker, 2:Line, 3:Dante	s output 1 mute on	Set output speaker mute on	
r output x mute	Get output:x mute on/off status x=[0-3] 0:All, 1:Speaker, 2:Line, 3:Dante	r output 1 mute	Output speaker mute on	
s output x mix y	Set output:x mix:y x=[0-3] 0:All, 1:Speaker, 2:Line, 3:Dante y=[1-4] 1:Stereo, 2:Left, 3:Right, 4:Left and Right	s output 1 mix 1	Set output speaker mix: Stereo	Stereo



Command Code	Function Description	Example	Feedback	Default Setting
r output x mix	Get output:x mix mode x=[0-3] 0:All, 1:Speaker, 2:Line, 3:Dante	r output 1 mix	Output speaker mix: Stereo	
s output x delay y	Set output:x delay:y x=[0-3] 0:All, 1:Speaker, 2:Line, 3:Dante y=[0-50]: Delay Time, Millisecond	s output 1 delay 50	Set output speaker delay: 50ms	0
r output x delay	Get output:x delay value x=[0-3] 0:All, 1:Speaker, 2:Line, 3:Dante	r output 1 delay	Output speaker delay: 50ms	
s output x eq y val z	Set output:x GEQ index:y to value:z x=[0-3] 0:All, 1:Speaker, 2:Line, 3:Dante y=[1-31]: EQ index z=[0-20]: EQ value(dB)	s output 1 eq 1 val 10	Set output speaker GEQ index 1: 20dB	10
r output x eq y val	Get output:x GEQ index:y value x=[0-3] 0:All, 1:Speaker, 2:Line, 3:Dante y=[1-31]: EQ index	r output 1 eq 1 val	Output speaker GEQ index 1: 20dB	
s output x eq preset y	Set output:x GEQ to preset:y x=[0-3] 0:All, 1:Speaker, 2:Line, 3:Dante y=[1-3] 1:Flat, 2:Custom1, 3:Custom2	s output 1 eq preset 1	Set output speaker GEQ: Flat	1
r output x eq preset	Get output:x GEQ preset x=[0-3] 0:All, 1:Speaker, 2:Line, 3:Dante	r output 1 eq preset	Output speaker GEQ: Flat	
s output x eq clear	Set output:x GEQ clear x=[0-3] 0:All, 1:Speaker, 2:Line, 3:Dante	s output 1 eq clear	Set output speaker GEQ clear	
Preset Setting				
s preset save x	Save the current unit's settings to the specified preset:x All settings except network setting. x=[1-5]: Preset 1 - Preset 5	s preset save 1	Save to preset 1	
s preset recall x	Recall a specified preset:x into unit All settings except network setting. x=[1-5]: Preset 1 - Preset 5	s preset recall 1	Recall preset 1	
s preset clear x	Clear a specified preset:x All settings except network setting. x=[1-5]: Preset 1 - Preset 5	s preset clear 1	Clear preset 1	
s preset x name y	Set preset:x name to y x=[1-5]: Preset 1 - Preset 5 y: Preset name, max 16 characters	s preset 1 name MeetingRoom 1	Set preset 1 name: MeetingRoom 1	
r preset x name	Get preset:x name x=[1-5]: Preset 1 - Preset 5	r preset 1 name	Preset 1 name: MeetingRoom 1	
Network Setting				
r ipconfig	Get the Current IP Configuration	r ipconfig	IP Mode: DHCP IP: 192.168.62.106 Subnet Mask: 255.255.255.0 Gateway: 192.168.62.1 TCP/IP port: 8000 MAC: 6C:DF:FB:0C:B3:8E (Static: 169.254.100.200 255.255.0.0 169.254.100.1)	



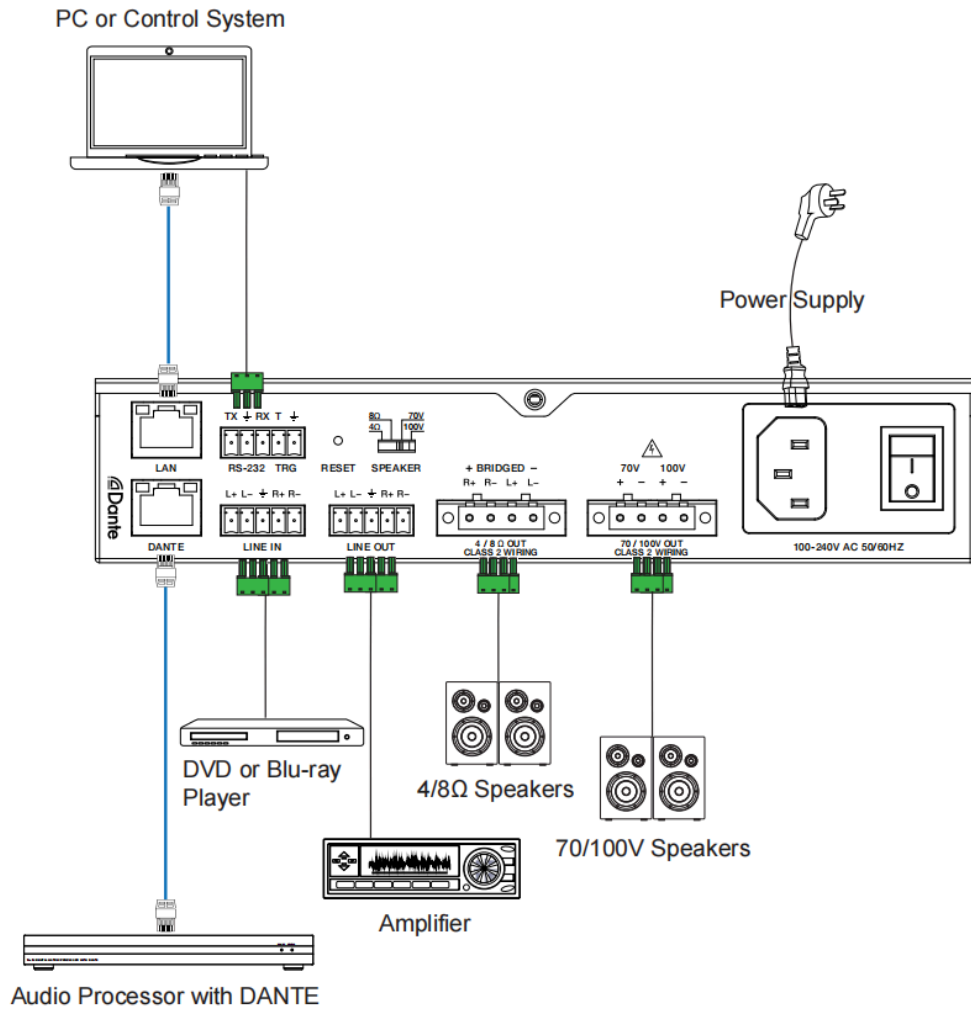
Command Code	Function Description	Example	Feedback	Default Setting
r mac addr	Get network MAC address	r mac addr	MAC: 6C:DF:FB:0C:B3:8E	
s ip mode x	Set network IP mode to static IP or DHCP x=[0-1] 0.Static, 1.DHCP	s ip mode 0	IP mode: Static (Please use "s net reboot!" command or repower device to apply new config!)	1
r ip mode	Get network IP mode	r ip mode	IP mode: DHCP	
s ip addr xxx.xxx.xxx.xxx	Set network IP address	s ip addr 192.168.1.100	IP address: 192.168.0.100 (Please use "s net reboot!" command or repower device to apply new config!) DHCP on, Device can't config static address, set DHCP off first.	
r ip addr	Get network IP address	r ip addr	IP: 192.168.0.100	
s subnet xxx.xxx.xxx.xxx	Set network subnet mask	s subnet 255.255.255.0	Subnet Mask: 255.255.255. 0 (Please use "s net reboot!" command or repower device to apply new config!) DHCP on, Device can't config subnet mask, set DHCP off first.	
r subnet	Get network subnet mask	r subnet	Subnet Mask: 255.255.255. 0	
s gateway xxx.xxx.xxx.xxx	Set network gateway	s gateway 192.168.1.1	Gateway: 192.168.1.1 (Please use "s net reboot!" command or repower device to apply new config!) DHCP on, Device can't config gateway, set DHCP off first.	
r gateway	Get network gateway	r gateway	Gateway: 192.168.1.1	
s tcp/ip port x	Set network TCP/IP port (x=1~65535)	s tcp/ip port 8000	TCP/IP port: 8000	8000
r tcp/ip port	Get network TCP/IP port	r tcp/ip port	TCP/IP port: 8000	
s telnet port x	Set network telnet port (x=1~65535)	s telnet port 23	Telnet port: 23	23
r telnet port	Get network telnet port	r telnet port	Telnet port: 23	
s net reboot	Reboot network modules	s net reboot	Search for IP, Please wait ...! IP Mode: DHCP IP: 192.168.62.106 Subnet Mask: 255.255.255. 0 Gateway: 192.168.62.1 TCP/IP port: 8000 Telnet port: 23 MAC: 6C:DF:FB:0C:B3:8E (Static: 169.254.100.200 255.255.0.0 169.254.100.1)	



Command Code	Function Description	Example	Feedback	Default Setting
Password Setting				
s admin password x	Set admin login password (x=[16 characters max])	s admin password 1234	admin password: 1234	1234
r admin password	Get admin login password	r admin password	admin password: 1234	
s user password x	Set user login password (x=[16 characters max])	s user password 1234	user password: 1234	1234
r user password	Get user login password	r user password	user password: 1234	



Connection Diagram





Troubleshooting

Problems	Causes	Solutions
No Power / All LED off	Power supply not connected, connected fully, or wrong power supply.	Check if the power supply is connected correctly and the output voltage value is within recommended specifications.
No sound or sound issues	The HDMI connection is faulty, the audio format is not supported by the displays, or the source player is set to another port for audio output	Check if the HDMI cables are connected correctly. Check if the audio format is supported by the display and that a user has not changed the supported audio format on the player's audio output. Ensure output settings from the HDMI source device as set correctly.
No picture or picture flickers	The HDMI cable may be faulty or the category cable quality is faulty.	Check if the HDMI and category cable connections are correct and undamaged. Change to another good working HDMI cable or category cable (CAT6 or better cable is recommended).



Tech Support

Have technical questions? We may have answered them already!

Please visit BZBGear's support page (bzbgear.com/support) for helpful information and tips regarding our products. Here you will find our Knowledge Base (bzbgear.com/knowledge-base) with detailed tutorials, quick start guides, and step-by-step troubleshooting instructions. Or explore our YouTube channel, BZB TV (youtube.com/c/BZBTVchannel), for help setting up, configuring, and other helpful how-to videos about our gear.

Need more in-depth support? Connect with one of our technical specialists directly:

Phone	Email	Live Chat
1.888.499.9906	support@bzbgear.com	bzbgear.com

Limited Product Warranty Terms

Pro Line: 5-year warranty from the date of purchase for AV/Broadcasting products bought on or after August 1, 2024.

Essential Line: 3-year warranty from the date of purchase for AV/Broadcasting products bought on or after August 1, 2024.

Cables: Lifetime Limited Product Warranty.

For complete warranty information, please visit bzbgear.com/warranty.

For questions, please call 1.888.499.9906 or email support@bzbgear.com.



Mission Statement

BZBGear is a breakthrough manufacturer of high-quality, innovative audiovisual equipment ranging from AVoIP, professional broadcasting, conferencing, home theater, to live streaming solutions. We pride ourselves on unparalleled customer support and services. Our team offers system design consultation, and highly reviewed technical support for all the products in our catalog. BZBGear delivers quality products designed with users in mind.

Copyright

All the contents in this manual and its copyright are owned by BZBGear. No one is allowed to imitate, copy, or translate this manual without BZBGear's permission. This manual contains no guarantee, standpoint expression or other implies in any form. Product specifications and information in this manual are for reference only and are subject to change without notice.

All rights reserved. No reproducing is allowed without acknowledgment.