link1400.8plus

1400W RMS 8-Channel Amplifier

Owner's Manual



www.wavtech-usa.com

⚠ **WARNING**	This symbol means important instructions. Failure to heed them can result in serious injury or death.
⚠ **CAUTION**	This symbol means important instructions. Failure to heed them can result in injury or property damages.

⚠ WARNING

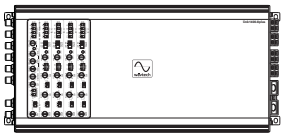
- **DO NOT DRIVE WHILE DISTRACTED.** Any function that requires your prolonged attention should not be performed while driving. Always stop the vehicle in a safe location before performing any such function. Failure to do so may result in an accident.
- **KEEP THE VOLUME AT MODERATE LEVELS WHILE DRIVING.** Excess volume levels can obscure sounds such as emergency vehicle sirens or road warning signals and may result in an accident. Continuous exposure to high sound pressure levels may cause permanent hearing loss. Use common sense and practice safe sound.
- **FOR USE WITH 12V NEGATIVE GROUND VEHICLE APPLICATIONS ONLY.** Using this product other than in its designed application and specified operating voltage may result in fire, injury or product damage.
- **MAKE THE CORRECT WIRING CONNECTIONS AND USE PROPER FUSE PROTECTION.** Failure to connect wiring correctly with appropriate gauge and fuse protection may result in fire, injury or product damage. When replacing fuse(s), never exceed the specified rating. Ensure proper protection of all system power wiring and install an external fuse (not included) with specified rating for each amplifier connected with the B+ lead at the battery terminal.
- **DISCONNECT THE NEGATIVE BATTERY TERMINAL BEFORE INSTALLATION.** Failure to do so may result in fire, injury or damage to the unit.
- **DO NOT ALLOW CABLES TO BECOME ENTANGLED IN SURROUNDING OBJECTS.** Arrange wiring and cables to prevent obstructions when driving. Cables or wiring that obstruct or hang up on places such as steering wheel, brake pedals, etc. can be extremely hazardous.
- **DO NOT DAMAGE VEHICLE SYSTEMS OR WIRING WHEN DRILLING HOLES.** When drilling holes in the chassis for installation, take precautions so as not to contact, puncture or obstruct brake lines, fuel lines, fuel tanks, electrical wiring, etc. Failure to take such precautions may result in fire or an accident.
- **DO NOT UTILIZE OR CONNECT TO ANY PART OF VEHICLE SAFETY SYSTEMS.** Bolts, nuts or wires used in the brake, airbag, steering or any other safety-related systems or fuel tanks should NEVER be used for mounting, power or ground connections. Using such parts may disable control of the vehicle or result in fire.

⚠ CAUTION

- **STOP USE IMMEDIATELY IF A PROBLEM OCCURS.** Failure to do so may result in personal injury or damage to the product. Return it to your authorized Wāvtech dealer**.**
- **HAVE AN EXPERT DO THE WIRING AND INSTALLATION.** This unit requires special technical skill and experience for wiring and installation. To insure safety and proper function, always contact the authorized dealer where you purchased the product to have it done professionally.
- **INSTALL THE UNIT SECURELY WITH SPECIFIED PARTS.** Be sure to use only the included parts and specified installation accessories (not included). Use of other than designated parts may damage this unit. Install the unit securely so that it will not come loose during a collision or sudden jolt.
- **ROUTE WIRING AWAY FROM SHARP EDGES AND MOVING PARTS.** Arrange cables and wiring away from sharp or pointed edges and avoid moving parts such as seat hinges or rails to prevent pinching or wear. Use loom protection where appropriate and always use a grommet for any wiring routed through metal.
- **NEVER RUN SYSTEM WIRING OUTSIDE OR UNDERNEATH THE VEHICLE.** All wiring must be routed, secured and protected inside the vehicle. Failure to do so may result in fire, injury or property damage.
- **INSTALL THE UNIT IN A DRY AND VENTILATED LOCATION.** Avoid mounting locations where the unit will likely be exposed to high moisture or heat without adequate ventilation. Moisture penetration or heat buildup may result in product failure. Always make sure the amplifier chassis temperature is safe before touching it.
- **REDUCE GAIN AND SOURCE VOLUME TO MINIMUM LEVELS FOR INITIAL SYSTEM TUNING.** Ensure amplifier power is off before connecting signal cables and follow proper system gain setting procedures. Failure to do so may result in damage to the amplifier and/or connected speakers.

Package Contents:

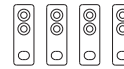
Main Unit



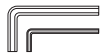
Spk Level Input Terminals



Mounting Tabs (pre-attached)



Hex Wrenches



Mounting Screws



Accessories Required for Installation (not included):

- RCA Cables or Signal Wire
- Power Supply & Speaker Wire
- In-line Fuse Holder w/100A or 150A Fuse
- Battery Ring Terminal
- Chassis Ground Terminal
- Wire Crimp Connectors
- Grommets & Loom

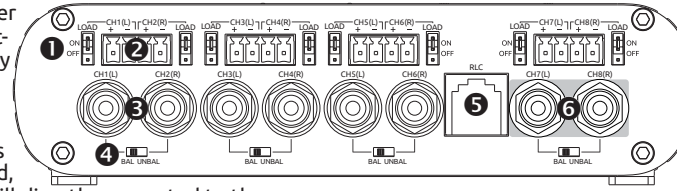
Introduction

Welcome to Wāvtech, exceptional mobile audio products for audiophiles. Our products are engineered from the ground up to provide a truly remarkable listening experience with superior performance, sound quality and reliability. Built for the professional installer, our innovative features enable maximum application coverage with ultimate system flexibility. Whether retaining the factory receiver or utilizing an aftermarket source, our solutions are simply the best available for unlimited sound system upgrades.

Features:

- 8/6/4-Channel Bridgeable
- Differential Balanced Inputs
- Dual Input Range with Ideal Gain Structure
- 8-Channel Matrix Summing Processor
- +/-6dB Output Level Trim for After Sum or Copy
- -12dB/oct. Independent HP/LP/BP Filters with x1/10
- bassFREQ™ Processor with autoBASS™ (assignable); Parametric EQ, -24dB/oct. Subsonic and LP Filters
- Line Driver RCA Pre-Out (selectable CH7/8 RCA)
- Remote Level Control Ready (assignable)
- Auto Turn-On via DC-Offset and Audio Detect
- Start/Stop Vehicle Compatible
- Adaptive Loading for OEM Load Detect Systems
- Active Thermal Rollback Power Management
- Panel Mount RCA Inputs with Bal/Unbal Select
- Locking Detachable Spk Level Input Terminals
- 0AWG Insert Power/Ground Terminals
- 10AWG Insert Speaker Output Terminals
- Compact Chassis w/Detachable Mounting Tabs

Input Panel Connections & Settings



❶ **Load Jumpers:** Each speaker level input channel has built-in adaptive loading to satisfy most OEM load detect systems. These internal loading circuits can be bypassed (OFF) for channels where no loading is required, such as when a speaker is still directly connected to the source.

❷ **Speaker Level Inputs:** For up to eight channels of speaker level input connections to the source. When set to the 20V range (default), input signal from 1-20Vrms will produce full power output from max to min gain, while the 40V range will take 2-40Vrms.

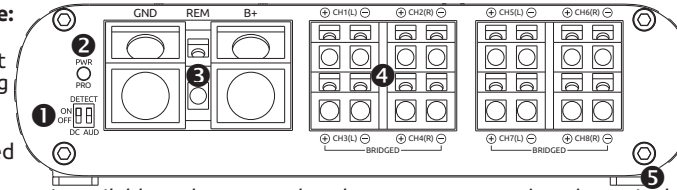
❸ **RCA Inputs:** For up to eight channels of RCA line level input connections to the source. When set to the 5V range (default), input signal from 0.2-5Vrms will produce full power output from max to min gain, while the 10V range will take 0.4-10Vrms. CH7/8 RCA's may be changed to outputs.

❹ **RCA Input Bal/Unbal Switches:** These switches select the associated RCA input's configuration between balanced (default) and unbalanced. Unbalanced connects the RCA shield to ground reference, which may be useful in eliminating noise under certain source or system conditions.

❺ **Remote Level Control Jack**: This RJ45 jack is for connecting the optional linkRC for remote adjustment of the bassFREQ processor's output level from 0dB (max) to -30dB (min), via CH7/8 RCA pre-out if enabled, as well as CH5/6 and/or CH7/8 powered outputs if assigned.

❻ **RCA Input/Pre-out:** CH7/8 RCA's are set to work as inputs by default, but may be changed to outputs as a line driver pre-out capable of up to 10Vrms for connecting external amplifiers. The input/output mode switch is located on the top panel, next to a pre-out dial for adjusting its output signal level by up to +/-6dB. If enabled as a pre-out, the signal from the bassFREQ™ processor is output as mono from both RCA's. Note that this does not affect CH7/8 speaker level inputs, which may still be used to input signal to CH7/8's input stage or any other channel pair as assigned.

Power Supply / Output Panel Connections & Settings



❶ **Auto Turn-On Detect Mode:** By default, the amplifier is set to detect both DC-offset and audio signals for turning itself on/off automatically. These switches allow either turn-on mode to be defeated independently or to disable both when a switched B+ trigger is available and connected to the remote turn-on (REM) terminal.

❷ **Power/Protect Indicator:** This LED will illuminate blue when the amplifier is powered on and operating normally. If a shutdown occurs due to a detected fault, the LED will turn red. Once the fault has been corrected or the condition has cleared, the amplifier will automatically recover, indicated by the LED changing back to blue.

❸ **Power Supply Terminal:**

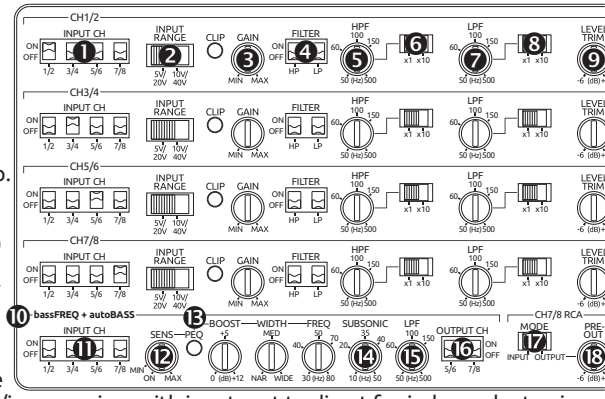
- **Ground (GND):** The ground terminal must be connected to a metal part of the vehicle with ground plane back to the main battery ground attachment point (a.k.a. chassis ground). This wire should be as short as possible, but no longer than 2ft (60cm), with minimum gauge of 4AWG (4Ω loads) or 0AWG (2Ω or 4Ω BTL loads). Always terminate the ground wire with a ground specific or ring terminal and securely bolt it to the vehicle with a star or lock washer and nut to prevent from coming loose. The chassis ground connection point should be scuffed to the bare metal.
- **Remote Turn-on (REM):** If the source unit has a remote output wire, connect it to the REM input terminal. If a remote or other switched power lead is unavailable, the amplifier will automatically turn-on by detecting DC-offset or audio signal from the source. While auto turn-on works well in most applications, there may be some cases where a wired switched trigger is preferable or necessary. Both detect functions are enabled by default, but can be individually defeated via the two jumpers located next to the power supply terminal.
- **Power (B+):** The constant B+ power connection must be made at the vehicle's main battery, securely connected with a ring terminal and protected with an in-line fuse within 18in (45cm) from the positive battery terminal. The link1400.8plus requires an 100A or 150A external in-line fuse with a minimum power wire gauge of 4AWG (all 4Ω loads) or 0AWG (all 2Ω or 4Ω BTL) loads respectively. Do not install the fuse until all other system connections have been made.

❹ **Speaker Output Terminal:** Each (+) and (-) terminal pair per channel is for connecting the amplifier's output to speaker(s) or subwoofer(s). Make sure to observe correct polarity and total impedance per channel. The minimum nominal impedance is 2Ω per channel, or 4Ω for bridged connections with CH1/2, CH3/4, CH5/6 and CH7/8.

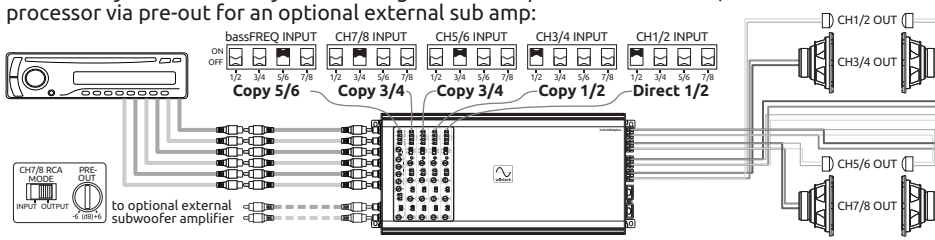
❺ **Mounting Tabs:** These mounting tabs are pre-attached and should be used to properly secure the amplifier with the included mounting screws to a solid mounting surface that is directly attached to the metal structure of the vehicle cabin. These tabs are removable if the unit can be safely secured by another method.

Top Panel Controls

❶ **Input Channel:** These switches are for selecting which input channels feed each channel pair's pre-amp and output stages. Any input channel pair or combination of channel pairs may be selected, allowing independent 2-way, 3-way or 4-way summing for each pre-amp.

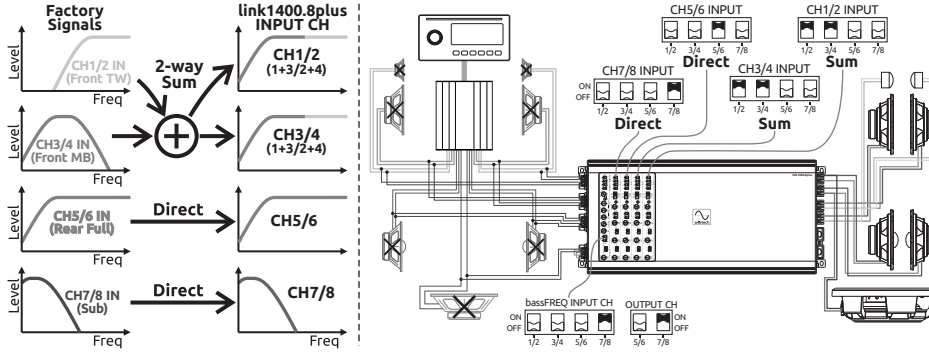


- For 2-channel sources, connect the source to any RCA or speaker level input (CH1/2 recommended) and set all INPUT CH switches to that channel pair. Note that other channels' pre-amp gains will then be controlled by the main input channel's pre-amp, so for differences in relative output, use Level Trim to adjust or y-adapters/jumper wires with inputs set to direct for independent gains.
- For 4-channel, 6-channel or 8-channel sources, set the INPUT CH switches according to the desired output configuration, preserving fader control by separately allocating front vs rear channels. Example: A 6-channel aftermarket source connected to the link1400.8plus for a fully active 2-way front and 2-way rear utilizing its matrix inputs and crossovers, as well as its bassFREQ processor via pre-out for an optional external sub amp:



Note: Each channel pair's gain control corresponds to its physical RCA or Spk input connection. If a different channel pair is selected at its INPUT CH, its gain is bypassed and overridden by the source channel pair's gain. In this example, CH1/2's gain controls CH1/2's and CH3/4's outputs since both are set to 1/2 input. And CH3/4's gain controls CH5/6's and CH7/8's outputs since both are set to 3/4 input. And with the bassFREQ processor's INPUT CH set to 5/6 input, CH5/6's gain controls its output, in this example to the pre-out. If level differences are needed between channel pairs when copied or summed, use the output level trim adjustments.

- For summing 2-way, 3-way or 4-way factory signals, any input/output channel configuration may chosen that conforms to the aftermarket speaker system's configuration. Example: A factory source with 2-way front, full-range rear and sub, upgraded to an aftermarket system, where CH1/2 and CH3/4 inputs are set to 2-way sum (1+3/2+4) to create full-range signals for active front crossovers, while CH5/6 is set to direct (5/6) for rear speakers and CH7/8 is set to direct and bridged to a subwoofer:



Note: To utilize the link1400.8plus' bassFREQ processor, select the appropriate input channels or combination with best bass response at its INPUT CH. To assign the bassFREQ processor's signal to internal powered channels, set its OUTPUT CH switches for 5/6 and/or 7/8 to on, which overrides the assigned channels' outputs with its mono signal at just before the level trim adjustment.

❷ **Input Sensitivity Range:** Each RCA and speaker level input channel pair has its own dual range input sensitivity switch to optimize source volume range while minimizing the gain required to achieve full power output for best signal-to-noise. Choose the input range that will accommodate the source's maximum output signal voltage without excessive clipping, 5V or 10V for low level (RCA) inputs, and 20V or 40V for speaker level inputs.

❸ **Gain with Clip LED:** Each channel pair has a variable gain adjustment with corresponding clipping indicator, where the LED will dimly illuminate just before the onset of clipping and become fully bright when the amplifier's output has reached full power at approximately 1% THD+N. When summing, these gain adjustments should be used for matching relative levels so that the combined signals sum close to flat or to the desired frequency response. See ❾ below for use of level trim.

❹ **Filter Mode:** This switch selects the filter mode as a high-pass (HP), low-pass (LP), or as a band-pass (BP) when both HPF and LPF frequency adjustments are enabled. For smaller full-range speakers or tweeters, select HP mode to filter out lower frequencies below the chosen cut-off point. For midbass or midrange speakers, use BP (HP+LP) mode to optimize their effective bandwidth and integration with other speakers by filtering out higher frequencies above the chosen LPF cut-off and lower frequencies below the chosen HPF cut-off.

❺ **HP Filter Frequency:** When the HP filter mode is activated, the HPF adjustment sets the high-pass filter's cut-off frequency (F_3) with a slope of -12dB/octave. Use this adjustment to optimize speaker frequency response to what they can effectively reproduce and to minimize the chance of being over-driven by lower frequencies at maximum volume.

❻ **HPF x1/x10 Multiplier:** This switch multiplies the frequency range of the high-pass filter adjustment by a factor of x1 or x10. In the x1 setting, the frequency range is 50Hz to 500Hz, while in the x10 setting the range becomes 500Hz-5kHz. Typical use of the x10 range is for a crossover between midrange and tweeter.

❼ **LP Filter Frequency:** When LP filter mode is activated, this adjustment sets the low-pass filter's cut-off frequency (F_3) with a slope of -12dB/octave. Use this adjustment to roll off unwanted higher frequencies, such as above the operating range of a midbass or midrange speaker.

❽ **LPF x1/x10 Multiplier:** This switch multiplies the frequency range of the low-pass filter adjustment by a factor of x1 or x10. In the x1 setting, the frequency range is 50Hz to 500Hz, while in the x10 setting the range becomes 500Hz-5kHz.

❾ **Level Trim:** When using copy or sum functions, or when bassFREQ processor is assigned to CH5/6 or CH7/8 powered output channels, these adjustments allow the relative output of each channel pair to be increased or decreased at the very end of the signal chain independently by up to +/-6dB. After setting gains and crossovers for appropriate frequency response of all channel pairs, use each respective level trim if necessary to achieve final desired volume balance between them. When summing, this preserves the ratio established by the gains. Note that increasing level trim of channels already at maximum output will require re-adjusting gains lower to avoid clipping.

⑩ **bassFREQ Processor + autoBASS:** This section is a separate bass processor that can be assigned to internal powered output channels (5/6, 7/8), and/or the CH7/8 RCA's if selected as a pre-out.

⑪ **Input Channel:** This switch group selects which input channels feed the bassFREQ processor. Note that each selected channel pair's signal is controlled by its own gain.

⑫ **autoBASS Sensitivity:** This SENS adjustment sets the signal detection threshold that activates the parametric EQ section automatically, or always on if rotated fully counter-clockwise to the ON position switch (default). For factory systems or sources that have bass roll-off at a certain volume, autoBASS can be set to automatically compensate or enhance bass near that volume and above for a more seamless bass experience with aftermarket sound system upgrades. Note that the sensitivity range scales with the input range and gain(s) of the selected inputs, so if changed, SENS will need to be re-adjusted for the same threshold. Follow these steps for setting autoBASS:

Step-1: Set the source's volume to where the bass roll-off normally occurs with music.

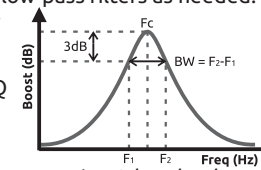
Step-2: Starting with SENS at minimum (just above the ON click), slowly turn up the dial (clockwise) until the PEQ LED illuminates. This indicates the PEQ is now on, activated by the signal.

Note: There is up to an 8sec turn-off delay, so if you need to re-adjust, first decrease the dial to below the trigger point and wait for the LED to turn off before increasing again.

Step-3: Now that autoBASS has activated the PEQ, adjust the Boost, Width and Freq dials to appropriately to compensate for the bass roll-off or desired bass tuning.

⑬ **Parametric EQ**: This blue LED will illuminate when the PEQ is activated, which provides full adjustment over all parameters of a single EQ band, including boost, width and frequency. Unlike a basic bass boost or bass shelf, a parametric EQ provides the tuning flexibility required for correcting bass roll-off and differences between vehicles, subwoofers and enclosures.

- **Boost:** This dial sets the amount of boost at the center frequency (Fc) of the PEQ band from 0dB up to +12dB. Note that adding boost may cause the output to clip or over-drive the connected subwoofer (or amplifier via pre-out), so re-adjust gains, subsonic and low-pass filters as needed.
- **Width:** Also known as Q, width sets the bandwidth (BW) of boost for the parametric EQ band. A wide setting will include more adjacent frequencies for a broad boost, while a narrow setting will only boost frequencies close to the chosen center frequency (Fc). The range of Q adjustment is 1 (wide) to 5 (narrow). To calculate the bandwidth between the -3dB points that are boosted by the EQ band, use the formula BW = Fc/Q.



- **Frequency:** This adjustment allows the center frequency (Fc) of the parametric EQ band to be set between 30Hz and 80Hz. Note that boosted frequencies that overlap with the subsonic and low-pass filters will be attenuated from the chosen cut-off frequencies.

⑭ **Subsonic Filter Frequency:** This adjustment sets the -3dB cut-off point (F_3) below which all frequencies are filtered out at -24dB/octave. Very low frequencies can waste amplifier power and damage subwoofers. This adjustment is especially important for ported enclosures to prevent over-excursion below the tuning frequency.

⑮ **LP Filter Frequency:** This adjustment sets the -3dB cut-off point (F_3) of the low-pass filter above which all frequencies are filtered out at -24dB/octave. Unwanted higher frequencies allowed to play through subwoofers can cause boomy, buzzy bass that is easy to localize. With a steep -24dB per octave slope, the cut-off frequency can be set higher, allowing more punch with less distortion and optimized integration with main speakers.

⑯ **Output Channel:** These switches allow the bassFREQ processor's signal to be assigned to the internal powered output channels 5/6, 7/8, or both. When selected, this overrides and replaces the selected output channel pair's signal with the bassFREQ's signal just before the level trim dial.

⑰ **CH7/8 RCA Mode:** This switch selects CH7/8 RCA jacks as either a stereo input for the main channels (default) or as a mono line driver pre-out from the bassFREQ processor section.

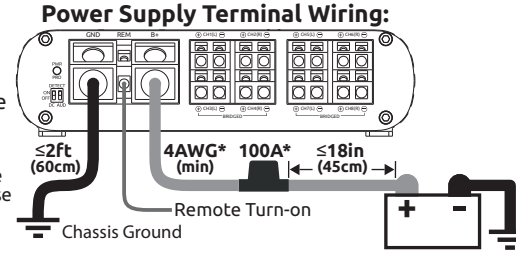
⑱ **Pre-Out Level Trim:** This dial can adjust the pre-out signal level by up to +/-6dB relative to the input channel signals selected at bassFREQ processor's INPUT CH. Use this adjustment to match the maximum input voltage of the connected amplifier(s) with their gains set at minimum for best S/N.

System Wiring

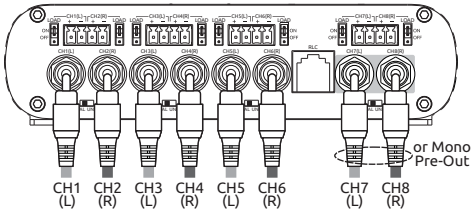
It is important to read this manual thoroughly before starting your installation, plan accordingly and follow all guidelines. Before installing, disconnect the negative (ground) wire from the vehicle's battery to avoid damage to the vehicle or yourself.

***Note:** 4AWG power/ground wire is the minimum gauge with a 100A external fuse (not included) for 4Ω loads. Use 0AWG with a 150A fuse when more than two channels are connected to 2Ω loads or one bridged 4Ω load.

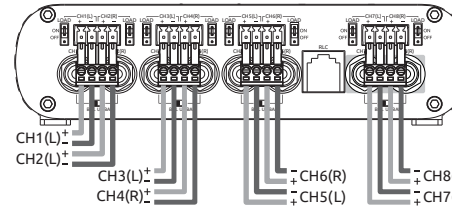
Power Supply Terminal Wiring:



RCA Input/Output Wiring:



Speaker Level Input Wiring:



Notes:

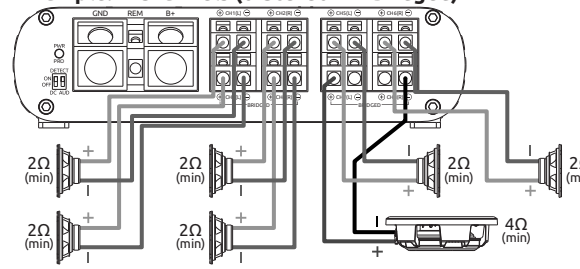
- When the matrix inputs are set to copy or sum, use level trims to adjust relative output volume between channels as needed. Alternatively, for independent gains, use RCA y-adapters or jumper wires and set to direct input instead.
- Always provide signal to both inputs when bridging using RCA y-adapters or jumper wires. To preserve left/right stereo when bridging two output channel pairs, connect the source's left channel to both inputs of the first channel pair and the right channel to both inputs of the second channel pair. See the example speaker connections below.

Speaker Output Terminal Wiring:

Many stereo and/or bridged speaker configurations are possible with the link1400.8plus. This is an example of a common system with 6-stereo channels and CH7/8 bridged to a subwoofer.

Note: Check all wiring/connections and make all initial settings before turning on the amplifier to avoid damaging speakers. Always start with gains at minimum and appropriate input range selected for your source. For smaller speakers, always activate the HP filter with appropriate cut-off frequency to protect them from being over-driven.

Example: 7-Channels (6-Stereo + 1-Bridged)



Specifications

Power Output	RMS, 14.4V, <1% THD+N	4Ω		100W x 8
		2Ω		175W x 8
		4Ω BTL		350W x 4
S/N Ratio	1W, A-wtd			-80dBA
Frequency Response	Max Flat (+0/-1dB)			<10Hz to >28kHz
	Extended (+0/-3dB)			<10Hz to >43kHz
Input Impedance	RCA Input			20KΩ
	Spk Level Input	Load On/Off		≤20Ω-180Ω / 20KΩ
Input Channel Select	CH1-8 Matrix Inputs (any combination)			1/2, 3/4, 5/6, 7/8
Input Sensitivity	RCA Input	Max-Min Gain	5V Range	200mV - 5V
			10V Range	400mV - 10V
	Spk Level Input	Max-Min Gain	20V Range	1V - 20V
			40V Range	2V - 40V
Crossover	CH1-8	Slope		-12dB/oct.
		Freq (F_3)	HPF (x1/x10)	50Hz-500Hz / 500Hz-5kHz
			LPF (x1/x10)	50Hz-500Hz / 500Hz-5kHz
Level Trim	CH1-8	Boost/Cut		+/-6dB
bassFREQ™ Processor	Input Channel Select	Matrix Inputs (any combination)		1/2, 3/4, 5/6, 7/8
	autoBASS™	SENS Max-Min (5V-40V ranges)		16mV-36V
		Turn-off delay		up to 8sec
	Parametric EQ	Boost		0dB to +12dB
		Width (Q)		1 to 5
		Frequency (Fc)		30Hz - 80Hz
	Crossover	Slope		-24dB/oct.
		Freq (F_3)	Subsonic	10Hz-50Hz
			LPF	50Hz-500Hz
	Assignable Outputs			CH5/6, CH7/8, Pre-Out
	Pre-Out (CH7/8 RCA when enabled)	Level Trim	Boost/Cut	+/-6dB
		Max Output at <1% THD+N		10V
		Output Impedance		<50Ω
	Remote Level Control (w/optional linkRC)		Vol Range	0dB to -30dB

Turn-On Threshold	Remote	REM IN		>2.6V
	DC-offset Detect	Spk IN		>2.4V
	Audio Signal Detect	RCA IN	CH1/2/3/4	10mV/50mV (1kHz/100Hz)
		Spk IN	CH1/2/3/4	50mV/250mV (1kHz/100Hz)
		Turn-off Delay		up to 60sec
Power Supply	Current Draw	Sleep Current		<2.6mA
		Idle Current		<2.7A
	Fuse Rating (external, not included)	4Ω Load (up to 2ch w/2Ω)		100A
		All CH 2Ω or 4Ω BTL Load		150A
	Minimum Wire Gauge	4Ω Load (up to 2ch w/2Ω)		4AWG
		All CH 2Ω or 4Ω BTL Load		0AWG
	Operating Voltage	Battery / DC Power Supply		7V - 16V
Operating Voltage	Battery / DC Power Supply			7V - 16V
Protection	Over-Voltage			Auto-Recover
	Under-Voltage			Auto-Recover
	Over-Current			Auto-Recover
	Short Circuit			Auto-Recover
Terminals	RCA Input			Panel Mount
	Speaker Level Input			16AWG, Insert/Plug
	Power Supply			0AWG, Insert
	Speaker Output			10AWG, Insert
Product Dimensions	HxWxL	w/o terminals, mounting tabs		1.65"x6.5"x13.11"
				42x165x333mm
		incl. terminals, mounting tabs		1.73"x6.5"x14.13"
				44x165x359mm

Note: All Specifications are subject to change without notice.

Warranty & Service Care

Wāvtech warrants this product to be free from defects in material and workmanship for a period of one (1) year when purchased from an authorized Wāvtech retailer within the United States. This warranty will be extended to a period of two (2) years when the installation is performed by an authorized Wāvtech retailer. A valid sales receipt is required to verify eligibility of purchase and installation.

This warranty is valid only to the original purchaser and is not transferrable to subsequent parties. This warranty is void if the product serial number has been altered or removed. Any applicable implied warranties are limited in duration to a period of express warranty as provided herein beginning with the date of the original purchase at retail, and no warranties, whether expressed or implied, shall apply to this product thereafter. Some states do not allow limitations on implied warranties, therefore these exclusions may not apply to you. This warranty gives you specific legal rights. You may also have other rights which vary from state to state.

If your product needs service, you should contact Wāvtech Customer Service to receive a Return Authorization (RA) Number. Any product received without an RA number will be returned to sender. Once your product is received and inspected by customer service, Wāvtech at its sole discretion, will repair or replace it with a new or remanufactured product at no charge. Damage caused by the following is not covered under warranty: accident, abuse, failure to follow instructions, misuse, modification, neglect, unauthorized repair or water damage. This warranty does not cover incidental or consequential damages. This warranty does not cover the cost of removing or reinstalling the product. Cosmetic damage and normal wear are not covered under warranty.

For Service within the United States:
Wāvtech Customer Service: (480) 454-7017
Monday – Friday, 8:30am to 5:00pm MST

Serial Number: _____
Installation Date: _____
Place of Purchase: _____

Important Notice for International Customers:
For products purchased outside the United States of America or its Territories, please contact your local distributor concerning specific procedures for your country's warranty policy. International purchases are not covered by Wāvtech, LLC.

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