wāvtech®

2023
PRODUCT GUIDE

Integration simplified™

Our products are engineered to give you the best listening experience possible.

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link300.4mini

Wāvtech amplifiers are built around the DNA of our LOC's. The link300.4mini embodies this. At only 6.5" x 4.5" x 1.65" there is a lot of technology packed inside. It has the summing capability of our link4 processor. The speaker level input can accept up to 40V and has built-in loading, so it will work with virtually any factory source. The professional grade panel mount RCA's are perfect for connecting to aftermarket head units. Power is rated at 50 watts RMS x 4 @ 4 ohms, 75 watts RMS x 4 @ 2 ohms or 150 watts RMS x 2 @ 4 ohms. The link300.4mini has variable high and low pass crossovers and if that isn't enough, it is start/stop vehicle ready.

Features

300 Watt 4-Channel Amplifier
50W RMS X 4 @ 4 ohms
75W RMS X 4 @ 2 ohms
150W RMS X 2 @ 4 ohms BTL

- o Small Footprint Only 6.4"x4.5"x1.65" (163x115x42mm)
- o Variable Hi/Low Pass Crossover (12dB/oct)
- o Built-In Summing w/Level Trim Adjustment

- Start/Stop System Compatible
- Differential Balanced Inputs
- Auto Turn-On via DC-Offset and Audio Detect
- Built-in Loading for OEM Systems that Require It
- Professional Grade Panel Mount RCA's

Specifications

- Input Sensitivity
  - o SPK ------------------------------- 1-20Vrms, 2-40Vrms
  - o RCA ------------------------------ 0.2-5Vrms, 0.4-10Vrms

- Max Input Voltage (SPK) ------ 40V RMS
- Frequency Response ---------- <10Hz to >45kHz (+0/-3dB)
- THD+N ------------------------------- <1% at rated power
- S/N ----------------------------------- >80dBA (1W, 4Ω)

☎ 480-454-7017

link500.4mini

The link500.4mini is a very flexible amplifier. It has the OEM integration capability of the link4, and has panel mount RCA's, so it works perfectly with both factory and aftermarket systems. Rated power is 75 watts RMS x 4 @ 4 ohms, 125 watts RMS x 4 @ 2 ohms or 250 watts RMS x 2 @ 4 ohms. Variable high and low pass crossovers deliver speakers only the frequencies they need. The channel 3/4 preamp is what really sets the link500.4mini apart. There is a subsonic filter as well as a fully adjustable parametric EQ. For even more control, the optional linkRC remote allows adjustment of the subwoofers level from the front of the vehicle.

Sold Separately

Features

500 Watt 4-Channel Amplifier
75W RMS X 4 @ 4 ohms
125W RMS X 4 @ 2 ohms
250W RMS X 2 @ 4 ohms BTL

- o Small Footprint Only 9.45"x4.5"x1.65" (240x115x42mm)
- o Variable Hi/Low Pass Crossover (12dB/oct)
- o Built-In Summing w/Level Trim Adjustment
- **Remote Level Control w/Optional linkRC (CH3/4)**
  - o Variable Subsonic Filter (CH3/4)
  - o Fully Adjustable Parametric EQ (CH3/4)
- Start/Stop System Compatible
- Differential Balanced Inputs
- Auto Turn-On via DC-Offset and Audio Detect
- Built-in Loading for OEM Systems that Require It
- Professional Grade Panel Mount RCA's

Specifications

- Input Sensitivity
  - o SPK -------------------------------- 1-20Vrms, 2-40Vrms
  - o RCA ------------------------------- 0.2-5Vrms, 0.4-10Vrms
- Max Input Voltage (SPK) ------ 40V RMS
- Frequency Response ----------- <10Hz to >45kHz (+0/-3dB)
- THD+N -------------------------------- <1% at rated power
- S/N ------------------------------------- >80dBA (1W, 4Ω)

link500.1mini

There is no better way of adding bass to any system than with the link500.1mini. Built around the bassFREQ processor, this total solution amplifier has a subsonic filter and low pass crossover, both of which are 24dB/octave, and has a fully adjustable parametric EQ. It has Wāvtech's best in class LOC, capable of accepting input of up to 40V and has built-in loading for those factory audio systems that require it. When using an aftermarket head unit, the panel mount RCA's can accept up to 10V. The link500.1mini makes 500 watts RMS @ 2 ohms, providing subwoofers plenty of power. For cars with start/stop systems, it won't shut down during cranking or at stop lights. The optional linkRC remote control can be added to dial in just the right amount of bass.

Sold Separately

Features

500 Watt Mono Amplifier
300W RMS @ 4 ohms
500W RMS @ 2 ohms
   o Small Footprint Only 9"x4.5"x1.65" (230x115x42mm)
   o Fully Adjustable Parametric EQ
   o Variable Low Pass Crossover (24dB/oct)
   o Variable Subsonic Filter
• **Remote Level Control w/Optional linkRC**
• Start/Stop System Compatible
• Differential Balanced Inputs
• Auto Turn-On via DC-Offset and Audio Detect
• Built-in Loading for OEM Systems that Require It
• Professional Grade Panel Mount RCA's

Specifications

• Input Sensitivity
   o SPK ------------------------------- 1-20Vrms, 2-40Vrms
   o RCA ------------------------------- 0.2-5Vrms, 0.4-10Vrms
• Max Input Voltage (SPK) ------ 40V RMS
• Frequency Response ----------- <10Hz to >500Hz (+0/-3dB)
• THD+N ------------------------------- <1% at rated power
• S/N ------------------------------------ >78dBA (1W, 4Ω)

☎ 480-454-7017

link1000.1mini

1000 WATT MONO AMPLIFIER

When it comes to power, too much is never enough. Introducing the link1000.1mini. At just 4.5" wide and less than 12" long, this amplifier makes 1000 watts RMS @ 2 ohms. Don't worry, this amplifier isn't just about power. All the Wāvtech DNA is inside. It is start/stop ready without the need for additional adapters. It has built-in loading and accepts 40V through the speaker level inputs. The panel mount RCA's accept up to 10V from after-market head units. Like it's little brother the link500.1mini, it features the bassFREQ processor. This processor has a fully adjustable parametric EQ with narrow to wide band adjustment. It also has 24dB/octave low pass and subsonic filters. The optional linkRC remote control allows for fine tuning of the system's bass.

Sold Separately

Features
1000 Watt Mono Amplifier
600W RMS @ 4 ohms
1000W RMS @ 2 ohms
- o Small Footprint Only 11.9"x4.5"x1.65"
- o Fully Adjustable Parametric EQ
- o Variable Low Pass Crossover (24dB/oct)
- o Variable Subsonic Filter (24dB/oct)

- **Remote Level Control w/Optional linkRC**

- Start/Stop System Compatible
- Differential Balanced Inputs
- Auto Turn-On via DC-Offset and Audio Detect
- Built-in Loading for OEM Systems that Require It
- Professional Grade Panel Mount RCA's

Specifications
- Input Sensitivity
  - o SPK -------------------------------- 1-20Vrms, 2-40Vrms
  - o RCA ------------------------------ 0.2-5Vrms, 0.4-10Vrms
- Max Input Voltage (SPK) ------ 40V RMS
- Frequency Response ----------- <10Hz to >500Hz (+0/-3dB)
- THD+N ------------------------------- <1% at rated power
- S/N ------------------------------------ >78dBA (1W, 4Ω)

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linkDQ

The DNA in the linkDQ is what makes Wāvtech the best line of LOC's and line drivers available. As an LOC it can accept up to 40V of input, so it will work with even the highest power factory audio systems. It has built-in loading for factory audio systems that require it. With factory or aftermarket source units, it will deliver up to 10V output.

The linkDQ has a fully adjustable parametric EQ for fine system tuning, while also correcting the low frequency roll off caused by volume dependent equalization present in many factory systems. The signal sense circuit can detect audio or DC-Offset or both, making it compatible with more vehicles. The optional linkRC remote control offers adjustment of the systems subwoofer level from the front of the vehicle.

Features
- **2CH Line Output Converter**
- **2CH Line Driver**
- **Adjustable Parametric EQ**
- **Selectable Narrow/Wide Range**
- **Remote Level Control Capable (Sold Separately)**
- Differential Balanced Inputs
- Low Impedance Outputs
- Variable Gain Adjustment w/Clip LED
- Auto Turn-On via DC-Offset and Audio Detect
- Generated +12V Remote Output
- Built-in Loading for OEM Systems that Require It
- Locking Detachable Pwr/Spk Terminals
- Professional Grade Panel Mount RCA's
- Compact Aluminum Chassis
- Detachable Mounting Tabs
- Chassis Dimensions: 3.5"x2.9"x1.1" (89.5x75x29mm)

linkRC

The linkRC is the add-on solution for remote capable Wāvtech products.

Compatible Models
- o linkDQ
- o link500.1mini
- o link500.4mini
- o link1000.1mini
- Easy Disassembly for Flush Mounting
- Breakaway Mounting Tabs
- Includes 16.4ft Cable (5m)

There are certain types of music that just don't have enough good low bass. Classic Rock, older Hip-hop and Banda music are great examples of this. The bassRESTOR fills in the gaps and adds just the right amount of bass back into the music. Unlike other bass restoration processors that require a full-range signal, the bassRESTOR can do its job with only a lowpass input. The multi-function remote provides access to critical system adjustments from the driver's seat, allowing subwoofer level and restoration effect to be adjusted independently.

Features

- **2CH Bass Restoration Processor**
  - Complete Tuning Control (Effect, Width, Freq)
  - Variable Subsonic Filter
- **2CH Line Output Converter or Line Driver**
- **Includes Remote Level/Restoration Effect Control**
- Differential Balanced Inputs
- Low Impedance Outputs
- Variable Gain Adjustment w/Clip LED
- Auto Turn-On via DC-Offset and Audio Detect
- Generated +12V Remote Output
- Built-in Loading for OEM Systems that Require It
- Locking Detachable Pwr/Spk Terminals
- Professional Grade Panel Mount RCA's
- Compact Aluminum Chassis
- Detachable Mounting Tabs
- Chassis Dimensions: 5.2"x3.5"x1.1" (133x90x29mm)

IRAD

The IRAD provides solutions to many problems installers face. This easy to program device can add a switched +12V output when one isn't easily accessible. It can also create a remote output with adjustable delay timing. For vehicles with start/stop technology, it provides relay/solenoid control to overcome that obstacle as well.

Features
- **Automatic Ignition Detection and +12V Output Generation**
- **Generated +12V Remote Output (direct or linked to IGN)**
- **Stop-Start Relay/Solenoid Control Mode**
- **Independent Adjustable IGN & REM Turn-On/Off Delays**
- >750mA Continuous per Output
- Locking Detachable Terminals
- Compact Aluminum Chassis
- Detachable Mounting Tabs
- Chassis Dimensions: 1.5"x1.5"x0.79" (38x38x20mm)

Patented

ART

REMOTE TRIGGER/12V GENERATOR

In some vehicles it can be difficult to find a switched +12V source. The ART is the solution. It can generate a +12V trigger for audio systems or small electronic devices, like dash cams or radar detectors. Installation is simple. All that is required is a +12V for power, a chassis ground and connection to a single speaker. That's it.

Features
- **+12V Output Generation**
- **Capable of Driving Multiple Relays Simultaneously**
- 1.5A Continuous Output Current
- Independently Select DC Offset or Audio Detect, or Use Both Simultaneously
- Chassis Dimensions: 2.1"x1.5"x0.79" (54x38x20mm)

link2

The link2 is a no compromise LOC. With Wāvtech DNA, it can accept up to 40V input while delivering 10V output at less than 50 ohms. It has built-in loading for factory systems that require it to function properly. With its small size it will fit almost anywhere, simplifying installations.

Features
- **2CH Line Output Converter**
- Differential Balanced Inputs
- Low Impedance Outputs
- Variable Gain Adjustment w/Clip LED
- Auto Turn-On via DC-Offset and Audio Detect
- Generated +12V Remote Output
- Built-in Loading for OEM Systems that Require It
- Locking Detachable Pwr/Spk Terminals
- Professional Grade Panel Mount RCA's
- Compact Aluminum Chassis
- Detachable Mounting Tabs
- Chassis Dimensions: 2.5"x2.9"x1.1" (63x75x29mm)

When it comes to adding an amplifier or amplifiers to your factory audio system, the link4 does what models from other brands do not. The link4 has internal summing and can accept 2 or 4 channels of input, to provide direct, copied or summed output. For added flexibility, it has an AUX input and includes a Multi-Function Remote Level Control (RLC) for total system control. Simply put, the link4 is the most flexible 4-channel LOC available.

Features
- **4CH Line Output Converter**
- **4CH Summing Processor (4-In/4-Out)**
- **Includes Remote Level/Source Control**
- **AUX 3.5mm Input**
- 2ch or 4ch Input Select (Direct, Copy or Sum)
- 2-Way Summing w/Retained Sub Level Control
- Differential Balanced Inputs
- Low Impedance Outputs
- Variable Gain Adjustments w/Clip LEDs
- Auto Turn-On via DC-Offset and Audio Detect
- Generated +12V Remote Output
- Built-in Loading for OEM Systems that Require It
- Locking Detachable Pwr/Spk Terminals
- Professional Grade Panel Mount RCA's
- Compact Aluminum Chassis
- Detachable Mounting Tabs
- Chassis Dimensions: 5.2"x3.5"x1.1" (133x90x29mm)

link6

One of the most common setup in an aftermarket car audio system is front and rear speakers paired with a sub-woofer.   The link6 is the perfect integration solution for this upgrade. If your factory audio system requires summing, the link6 handles the task with ease. The included multi-function remote gives you control over the subwoofer level for fine tuning. It will also allow you to switch between sources when using the AUX input.

Features
- **6CH Line Output Converter**
- **6CH Summing Processor (6-In/6-Out)**
- **Includes Remote Level/Source Control**
- **AUX 3.5mm Input**
- 2/4/6ch Input Select (Direct, Copy or Sum)
- 2/3-Way Summing w/Retained Sub Level Control
- Never-Zero Sub Channel w/Front & Rear Inputs
- Differential Balanced Inputs
- Low Impedance Outputs
- Variable Gain Adjustments w/Clip LEDs
- Auto Turn-On via DC-Offset and Audio Detect
- Generated +12V Remote Output
- Built-in Loading for OEM Systems that Require It
- Locking Detachable Pwr/Spk Terminals
- Professional Grade Panel Mount RCA's
- Compact Aluminum Chassis
- Detachable Mounting Tabs
- Chassis Dimensions: 5.8"x4.7"x1.1" (148x120x29mm)

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Many factory audio systems are incredibly complex. Primary functions are integrated into the source unit, so replacing it can be a real challenge. In addition, some vehicles have frequency specific amplifiers dedicated to each individual speaker. These factors make improving the sound increasingly difficult. This is where the link8 comes in. With up to 8 channels and summing capability, overcoming obstacles just got a little easier. There is an AUX input for connecting a second source and the included Multi-Function Remote simplifies system control.

Features

- **8CH Line Output Converter**
- **8CH Summing Processor (8-In/8-Out)**
- **Includes Remote Level/Source Control**
- **AUX 3.5mm Input**
- 2/4/6/8ch Input Select (Direct, Copy or Sum)
- 2/3/4-Way Summing w/Retained Sub Level Control
- Never-Zero Sub Channel w/Front & Rear Inputs
- Differential Balanced Inputs
- Low Impedance Outputs
- Variable Gain Adjustments w/Clip LEDs
- Auto Turn-On via DC-Offset and Audio Detect
- Generated +12V Remote Output
- Built-in Loading for OEM Systems that Require It
- Locking Detachable Pwr/Spk Terminals
- Professional Grade Panel Mount RCA's
- Compact Aluminum Chassis
- Detachable Mounting Tabs
- Chassis Dimensions: 6.4"x5.9"x1.1" (163x150x29mm)

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* Features and specifications are subject to change without notice.