



2019
PRODUCT GUIDE

Exceptional mobile audio integration products for audiophiles

Our products are engineered to provide a truly remarkable listening experience. Designed for the professional installer, our OEM integration and specialty processor models are simply the best solution available for upgrading your car audio system.

wavtech-usa.com

A good clean signal is the starting point of any system. The linkD provides just that. This versatile little box has dual functionalities. It can be used as a high output line driver delivering up to 10Vrms at less than 50 ohms. It also works as an active line output convertor (LOC), delivering that same high output voltage and low impedance.



Features

- 2CH Line Output Converter
- 2CH Line Driver
- Differential Balanced Inputs
- Low Impedance Outputs
- Variable Gain Adjustment w/Clip LED
- Auto Turn-On via DC-Offset or Audio Detect
- Generated +12V Remote Output
- OEM Load Detect Compatible
- Selectable Ground Isolation
- Locking Detachable Pwr/Spk Terminals
- Panel Mount RCA Jacks
- Compact Aluminum Chassis
- Detachable Mounting Tabs
- Chassis Dimensions: 1.1"x2.9"x2.8" (29x75x71mm)

Adding a subwoofer is a great way to improve the performance of any audio system. The linkQ is a simple solution for such an upgrade. It is a high output voltage line driver or active LOC with a paragraphic equalizer. There is a bypass switch so you can defeat the equalizer when no additional tuning is required. A remote level control (RLC) is included, making it easy to adjust your system's bass output.



Features

- 2CH Line Output Converter
- 2CH Line Driver
- Includes Remote Level Control
- Adjustable Paragraphic EQ
- Differential Balanced Inputs
- Low Impedance Outputs
- Variable Gain Adjustment w/Clip LED
- Auto Turn-On via DC-Offset or Audio Detect
- Generated +12V Remote Output
- OEM Load Detect Compatible
- Selectable Ground Isolation
- Locking Detachable Pwr/Spk Terminals
- Panel Mount RCA Jacks
- Compact Aluminum Chassis
- Detachable Mounting Tabs
- Chassis Dimensions: 1.1"x3.5"x3.1" (29x90x78mm)

bassFREQ

BASS PROCESSOR W/REMOTE

The bassFREQ is the total solution subwoofer processor. It has a subsonic filter and low pass crossover, both of which are 24dB per octave. It features a fully adjustable parametric equalizer. The bassFREQ has high and low level inputs so you can use it when adding a subwoofer to an OEM system, or with an aftermarket source unit.

Features

- **Bass Enhancement Processor**
 - Fully Adjustable Parametric EQ
 - Variable Low-Pass Crossover (-24dB/oct)
 - Variable Subsonic Filter (-24dB/oct)
- **Line Output Converter or Line Driver**
- **Includes Remote Level Control**
- Differential Balanced Inputs
- Low Impedance Dual Mono Drive Outputs
- Variable Gain Adjustment w/Clip LED
- Auto Turn-On via DC-Offset or Audio Detect
- Generated +12V Remote Output
- OEM Load Detect Compatible
- Selectable Ground Isolation
- Locking Detachable Pwr/Spk Terminals
- Panel Mount RCA Jacks
- Compact Aluminum Chassis
- Detachable Mounting Tabs
- Chassis Dimensions: 1.1"x3.5"x5.2" (29x90x133mm)



bassRESTOR

2CH BASS RESTORATION PROCESSOR W/REMOTE

There are certain types of music that just don't have enough low bass. If you listen to Classic rock, older Hip-hop or Banda music, you know that something is missing. The bassRESTOR fills in the gaps and adds just the right amount of bass back into your music. Complete tuning control over the bass restoration process allows any system to be dialed in for optimum performance. The Multi-Function Remote Level Control (RLC) lets you make critical system adjustments from the driver's seat.

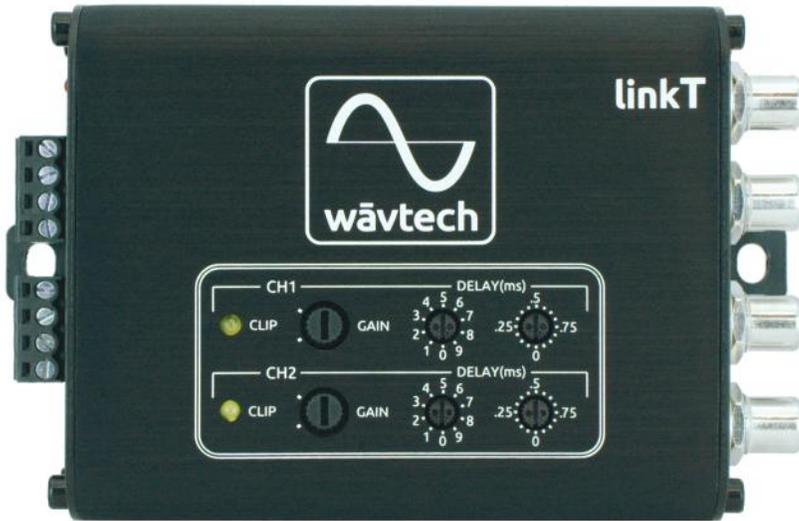
Features

- **2CH Bass Restoration Processor**
 - Complete Tuning Control (Effect, Width, Freq)
 - Variable Subsonic Filter
- **2CH Line Output Converter or Line Driver**
- **Includes Remote Level/Bass Effect Control**
- Differential Balanced Inputs
- Low Impedance Outputs
- Variable Gain Adjustment w/Clip LED
- Auto Turn-On via DC-Offset or Audio Detect
- Generated +12V Remote Output
- OEM Load Detect Compatible
- Selectable Ground Isolation
- Locking Detachable Pwr/Spk Terminals
- Panel Mount RCA Jacks
- Compact Aluminum Chassis
- Detachable Mounting Tabs
- Chassis Dimensions: 1.1"x3.5"x5.2" (29x90x133mm)



Spending your hard-earned money on a new sound system, only to discover afterwards that it doesn't image very well is a huge disappointment. There are multi-channel processors available that can correct this issue, but they are expensive. Using DSP Time Alignment Technology, the linkT provides a simple, inexpensive solution to this dilemma. Set up is easy. Simply dial in the timing by ear for the best imaged sound stage.

Another common problem is the loss of bass output due to phasing. The linkT can correct this by aligning the phase of your subwoofers so that they all "hit" at the same time. This improves overall system output and helps your system achieve up-front bass.



Features

- **2CH Time Alignment Processor**
 - Perfect staging/imaging with any OEM or AFT system
 - Align subwoofers in competition systems for max SPL
- **2CH Line Output Converter**
- **2CH Line Driver**
- Differential Balanced Inputs
- Low Impedance Output
- Independent variable Gain Adjustment w/Clip LEDs
- Auto Turn-On via DC-Offset or Audio Detect
- Generated +12V Remote Output
- OEM Load Detect Compatible
- Selectable Ground Isolation
- Locking Detachable Pwr/Spk Terminals
- Panel Mount RCA Jacks
- Compact Aluminum Chassis
- Detachable Mounting Tabs
- Chassis Dimensions: 1.1"x2.9"x3.7" (29x75x93mm)

Patent Pending

Time Alignment

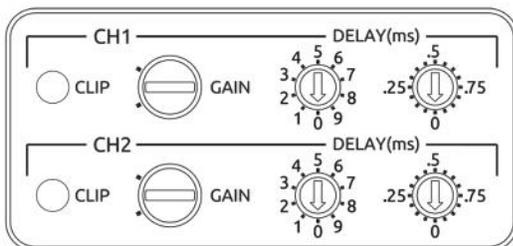
These rotary switches are for selecting the amount of time delay applied to CH1 and CH2 outputs. Each channel has two switches, one for milliseconds and another for fractions of a millisecond. These separate digits allow for quick coarse adjustment and simple fine tuning by ear or distance measurement. If adjusting for individual loudspeaker alignment such as between a tweeter and midrange, it is recommended to first start with delay based upon the measured difference in distance to the listening position, then fine tune by ear using a high resolution music track with known instrument placement and staging.

1st Digit

This rotary switch applies delay in 1ms increments in 9 steps for up to 9ms. Each step is equivalent to 13.5in (34.3cm). Use this adjustment for initial coarse delay settings for larger differences to the listening position.

2nd Digit

This rotary switch applies delay in 0.0625ms increments in 15 steps for up to 0.94ms. Each step is equivalent to 0.85in (2.1cm). Once the imaging is close to the desired result with course adjustment, or for differences less than 1ms, use this rotary to fine tune imaging and focus.



1st Digit



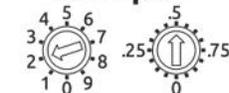
**1ms/step
= 13.5in(34.3cm)**

2nd Digit

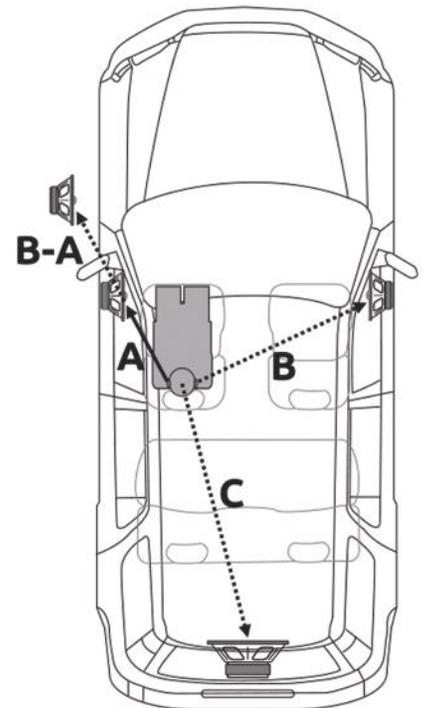


**0.0625ms/step
= 0.85in (2.1cm)**

Example:



**2ms + 0.5ms = 2.5ms
= 33.75in (85.75cm)**



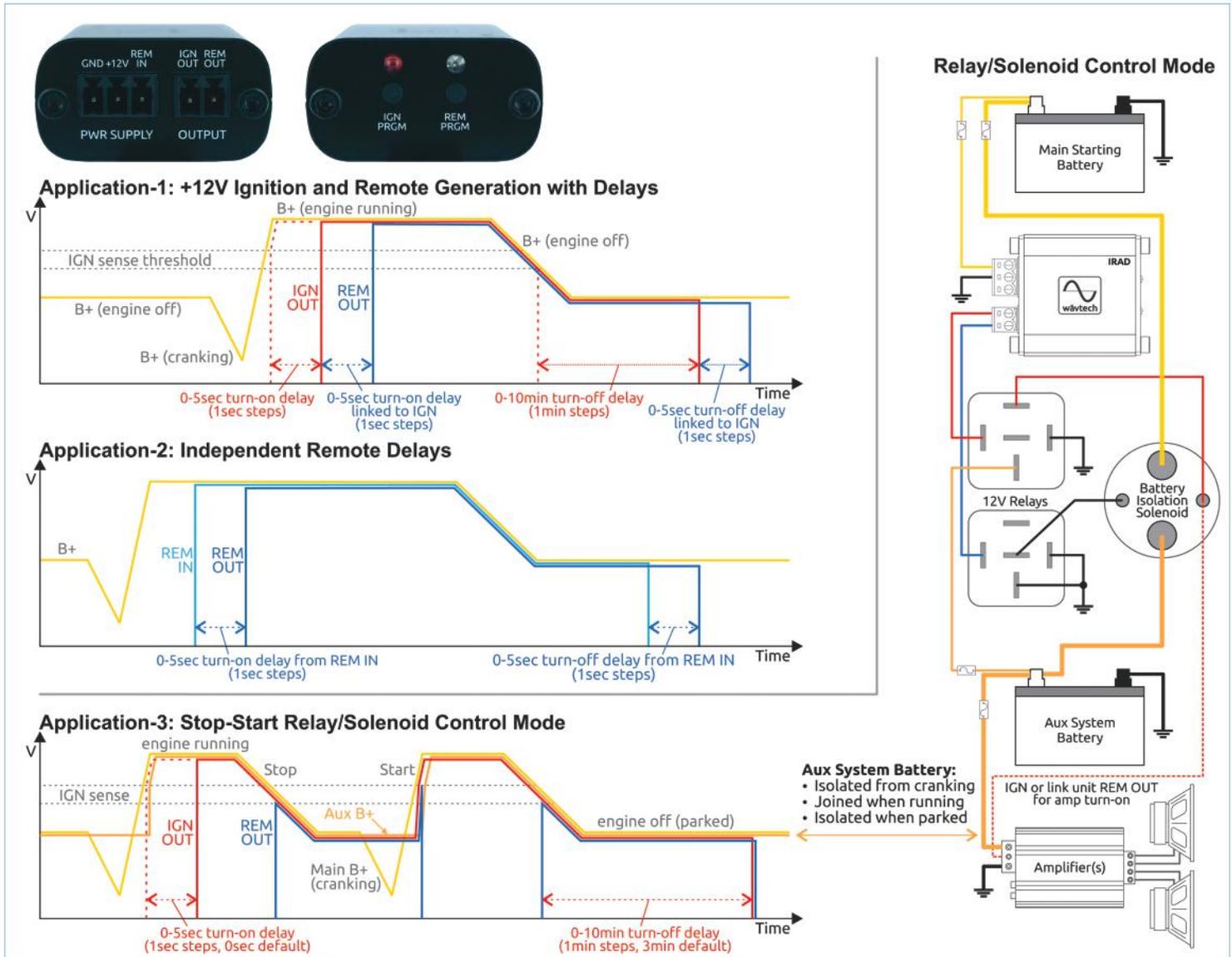
The IRAD is the ultimate installation tool. It provides solutions to three very specific problems faced in today's installations. This easy to program device allows you to add a switched 12-volt output for vehicles that do not have an easily accessible ignition wire. It can provide a remote output with adjustable delay timing. Finally, for vehicles with start/stop technology, it also provides relay/solenoid control to help overcome the challenges that those systems can present.

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
- >500mA Continuous Output
- Locking Detachable Terminals
- Compact Aluminum Chassis
- Detachable Mounting Tabs
- Chassis Dimensions: 0.79"x1.5"x1.5" (20x38x38mm)



Patent Pending



link2

○ 2CH LOC

If you need a high-quality 2-channel LOC, but don't require additional features like summing or auxiliary inputs, the link2 is the perfect solution. The link2 will accept up to 40Vrms through its speaker inputs while delivering up to 10Vrms of output at less than 50 ohms. It is extremely small so it will fit almost anywhere, simplifying installations. Like all Wāvtech products, it has built-in loading for factory systems that require resistance to function properly.



Features

- **2CH Line Output Converter**
- Differential Balanced Inputs
- Low Impedance Outputs
- Variable Gain Adjustment w/Clip LED
- Auto Turn-On via DC-Offset or Audio Detect
- Generated +12V Remote Output
- OEM Load Detect Compatible
- Selectable Ground Isolation
- Locking Detachable Pwr/Spk Terminals
- Panel Mount RCA Jacks
- Compact Aluminum Chassis
- Detachable Mounting Tabs
- Chassis Dimensions: 1.1"x2.9"x2.5" (29x75x63mm)

link4

○ 4CH SUMMING LOC W/AUX & REMOTE

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

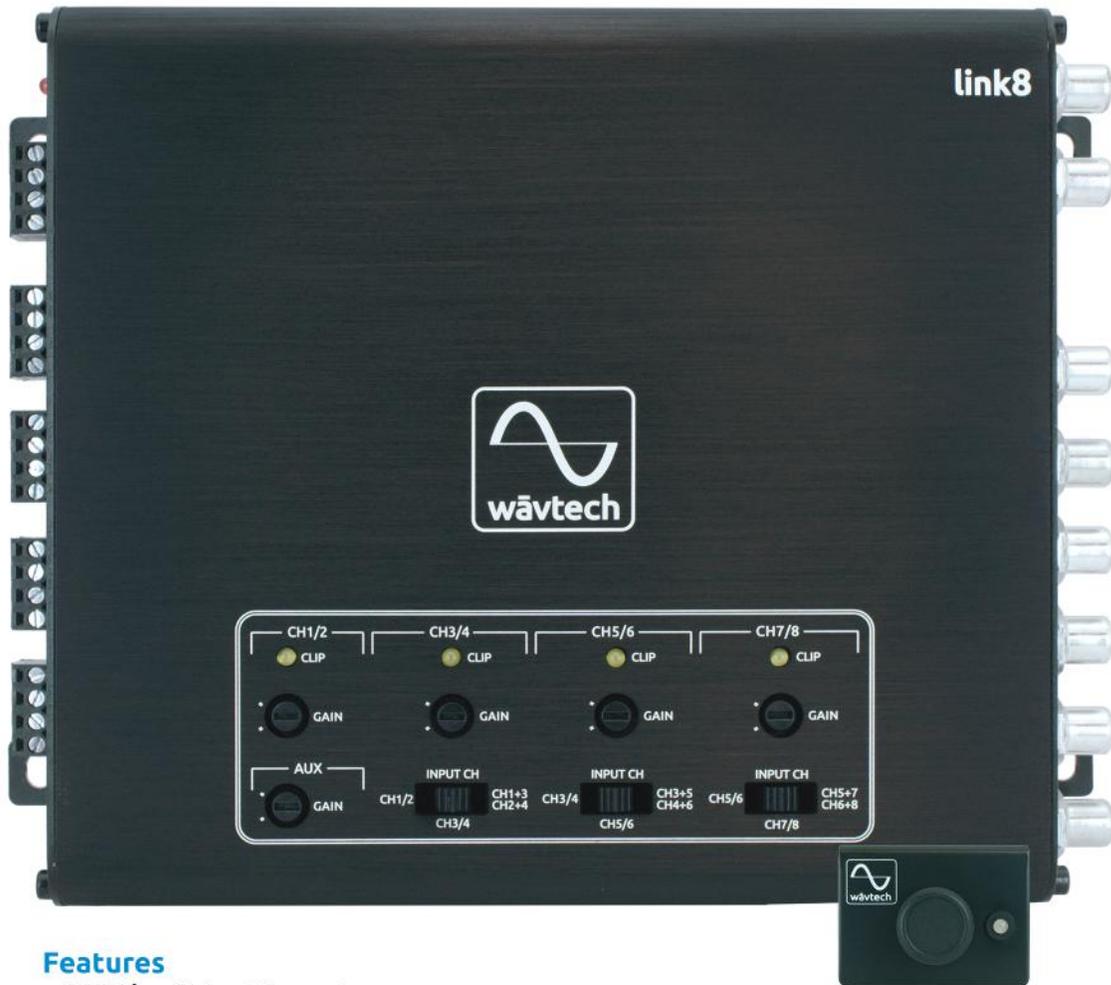


Features

- **4CH Line Output Converter**
- **4CH Summing Processor (4-In/4-Out)**
- **Includes Remote Level/Source Control**
- **AUX 3.5mm Input**
- 2ch or 4ch Input (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 or Audio Detect
- Generated +12V Remote Output
- OEM Load Detect Compatible
- Selectable Ground Isolation
- Locking Detachable Pwr/Spk Terminals
- Panel Mount RCA Jacks
- Compact Aluminum Chassis
- Detachable Mounting Tabs
- Chassis Dimensions: 1.1"x3.5"x5.2" (29x90x133mm)

Patent Pending

Today's factory installed audio systems are increasingly complex. Many of the vehicle controls and operations are integrated into the source unit, so replacing it is not really an option. Some vehicles have frequency specific amplifiers dedicated to each individual speaker. These factors make upgrading the sound increasingly difficult. This is where the link8 comes in. With summing capability and an AUX input, you have options. A Multi-Function Remote Level Control (RLC) is also included.



Patent Pending

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 (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 or Audio Detect
- Generated +12V Remote Output
- OEM Load Detect Compatible
- Selectable Ground Isolation
- Locking Detachable Pwr/Spk Terminals
- Panel Mount RCA Jacks
- Compact Aluminum Chassis
- Detachable Mounting Tabs
- Chassis Dimensions: 1.1"x5.9"x6.4" (29x150x163mm)



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