Drive multiple destinations the right way

DISTRIBUTION GADGET

angryaudio.com

Your program.
All over the place.

Distribution Gadget

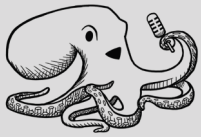
Need to feed a stack of stuff from a single source? You could try the daisy-chain, but you may end up with a ground loop, signal degradation or worse. What you really need to get a signal to multiple destinations is a broadcast-grade distribution amplifier. We poured some fresh ideas into the DA and called it, of course, the Distribution Gadget.

The Distribution Gadget allows a single source to drive multiple destinations. This is especially useful in broadcasting for connecting the studio output to an air chain, internet encoder, recording device, etc. The Distribution Gadget eliminates the ground loops and signal loss that often occur when directly attaching multiple loads to a source.

With four inputs (one pair for consumer -10dBV unbalanced sources and the other for +4dBu professional sources), the Distribution Gadget is ready for anything. Naturally, the unbalanced inputs feature the same exclusive ground (loop) breaking circuitry found on our Balancing Gadgets. You can even switch between consumer and pro sources on the fly with the front panel switch.

There are eight separate balanced line output amplifiers. Every output is fully isolated from the others, so if one destination has a problem — for example, a half-plugged connector shorting an output to ground — the other destinations are blissfully unaware and receive a perfectly clean copy of the source audio.

Connectors can be controversial. Some like XLR, some like terminal blocks. We like the AES59 format, because it lets you choose whatever connector style you like. The Distribution Gadget's DB-25 connector uses the hugely popular AES59 standard pinout, so you can use cables which fan out to XLR, or 1/4" TRS, or even RJ45 StudioHub+. In fact, we include a AES59 to StudioHub+ adapter/breakout cable with every Distribution Gadget! So stop stripping wires and put those eight outputs right to work!



Mounting Options

Rack Mount Kit
Pro mount one or two gadgets in only 1RU.

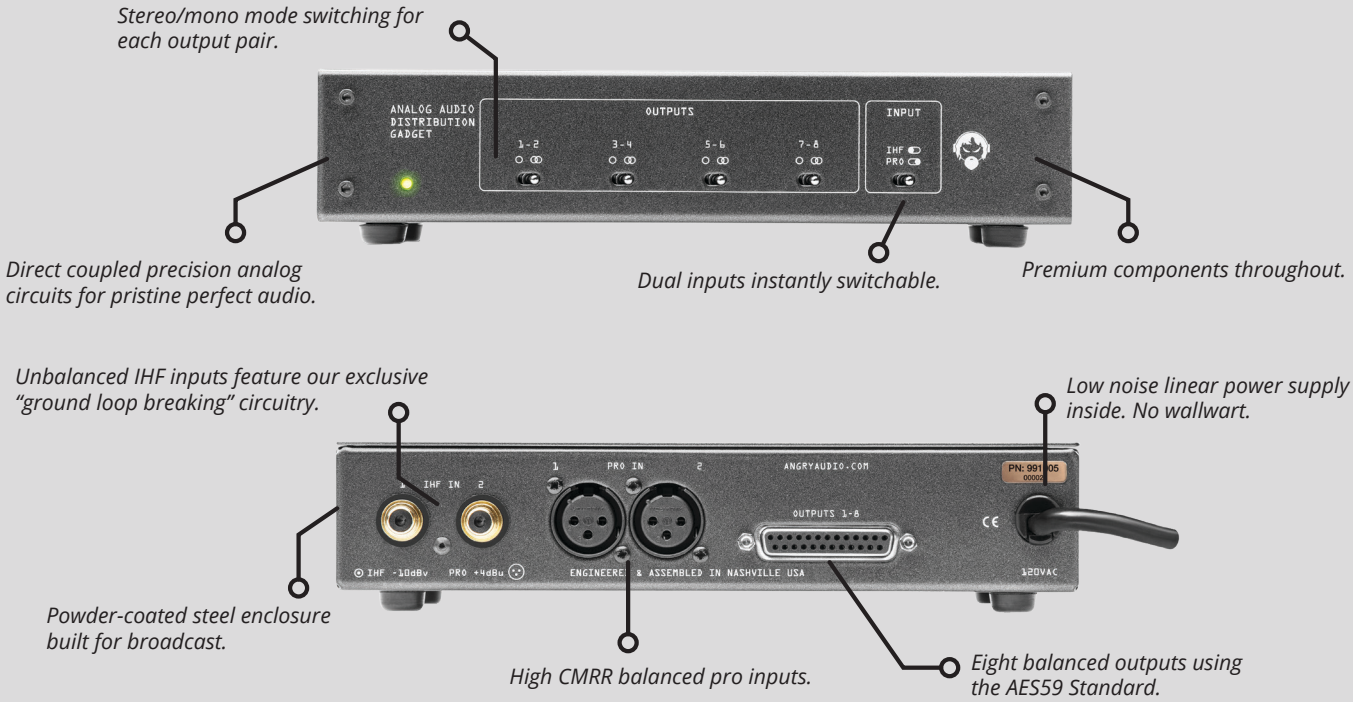
Wall Mount Kit
Attach your gadget to a wall or inside of a cabinet.

Desktop Mount Kit
Brackets tilt the gadget toward the user's eyes.

Under Cabinet Mount Kit
Conveniently located under the edge of your desk.

Distribution Gadget

With its direct-coupled, low-distortion, low-noise circuitry, the Distribution Gadget is sonically transparent. Tons of headroom too. Every output is capable of +24dBm. And our internal bi-polar linear power supply (no wall warts here) produces all the juice needed to deliver that pristine, perfect audio 24/7 for years. Recording-grade sonics, broadcast-grade durability.



Specifications:

Audio Performance

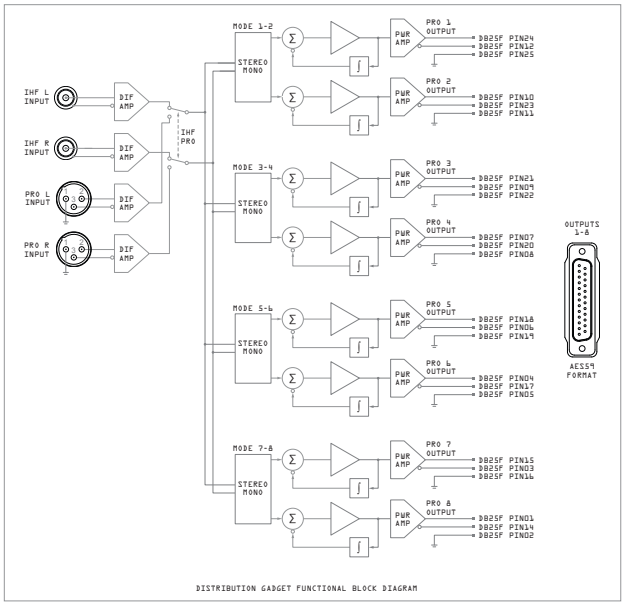
Nominal Output Level	+4dBu (balanced)
Frequency Response	±0.2dB, 20Hz - 20kHz
THD+N	≤0.004%, 20Hz - 20kHz
Noise	≤90dBu, 20Hz - 20kHz (locked)
Headroom	≥20dB
Maximum Output Level	+26dBu (+24dBm @ 600Ω load)
Input Impedance	20kΩ (pro inputs)
Output Impedance	100Ω balanced
Crosstalk	≤-75dB (10kHz)
CMRR	≥70dB (20Hz to 20kHz)

Power and Environmental

North American Version	115VAC 60Hz, NEMA 5-15P power plug
Export Versions	230VAC 50/60Hz, various plugs available
Power Consumption	8VA
Operating Temperature	0° to 40° C (32° to 104° F)
Storage Temperature	-20° to 45° C (-4° to 113° F)
Relative Humidity	0% to 90% non-condensing
Cooling	Venting Chassis (fanless)

Box Includes:

Distribution Gadget
Stereo RCAM to RCAM cable
Stereo RCAF to 3.5mm male TRS adapter
DSUB25M to StudioHub breakout adapter cable



Part Number: 991005 115VAC USA Power Plug
991005E 230VAC Europe Power Plug
991005A 230VAC Australia Power Plug
991005U 230VAC UK Power Plug

Product Weight & Dimensions

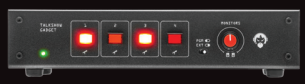
Shipping box	12in x 9in x 6in, 5 pounds

Balancing Gadgets

All three Balancing Gadgets feature an internal low-noise linear power supply, direct coupled transformerless analog circuitry and our exclusive input design that suppresses common mode noise. The result is the most sonically-transparent devices available. Never any buzz, hum, hiss or RFI.

Bluetooth Gadget

Bidirectional smartphone to PRO audio interface. Use your Bluetooth-equipped device for audio playback, phone calls, skype, etc. AAC and APTX audio codecs provide premium audio quality.



Talkshow Gadget

Adds broadcast features to audio mixers. Monitor speaker muting and volume control, pushbutton microphone control, on-air warning logic. All passive signal chain features sealed gold-contact relays.

Failsafe Gadget

Stereo silence sensor and backup audio switcher. Adjustable threshold and delay. Alarm logic port. Can also be used to switch when audio is active.

Distribution Gadget

2x4 stereo or 2x8 monaural analog audio distribution amplifier. Choose from IHF or PRO audio input. Each output pair can be stereo or mono sum.

Guest Gizmo

Stereo headphone amplifier, Cough (mute) button, tally lamp driver. Installs in desktop. High power headphone amplifier can drive high or low impedance headphones.

Mic Tally Gizmo

Driver for M!KA mic arms equipped with LED tally. Installs in desktop. Dual logic inputs to illuminate tally either red or white.

Headphone Gizmo

Premium stereo headphone amplifier with StudioHub RJ45 connectors for input and daisy-chain output. Innovative circuitry can drive high impedance or low impedance headphones with power to spare.

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