Modern solution for audio connectivity

BLUETOOTH GADGET

Bluetooth Gadget

There are plenty of ways a smartphone could be useful on air. Playing recorded audio, voice clips or music, for instance. How about using a SIP client as a codec? Or Skype or Zoom or social media sound? And of course, putting callers on the air. If only there was a professional bidirectional audio interface for cell phones…

Problem solved. The Bluetooth Audio Gadget makes it easy to put a smartphone on the air. Just pair your phone, and the Bluetooth Audio Gadget automatically negotiates the optimal codec algorithm (usually APT-X for Android, AAC for iPhone). Balanced audio I/O connects the Gadget to your console. The sound quality is amazing. And the Bluetooth Audio Gadget is bi-directional, so you can even send mix-minus to your caller.

Like all Angry Audio products, the Bluetooth Audio Gadget is built-for-broadcast with premium components, a powder-coated steel enclosure, internal AC power supply, and gold-plated audio connectors and switch contacts. Place it on your desktop, or mount it in your rack with our rackmount kit.

Order your Bluetooth Audio Gadget today. Your talent will call and thank you.

The Bluetooth Gadget is the modern way to connect phones, tablets and computers. Eliminate the messy cables and adapters and the annoying whine of digital ground loops. Equipped with AAC and the virtually-lossless APTX codec algorithms, the Bluetooth Gadget always chooses the best possible codec for the connected device. If you've been disappointed by the sound of Bluetooth in the past, the Bluetooth Gadget will change your mind in a really awesome-sounding hurry.

Mounting Options

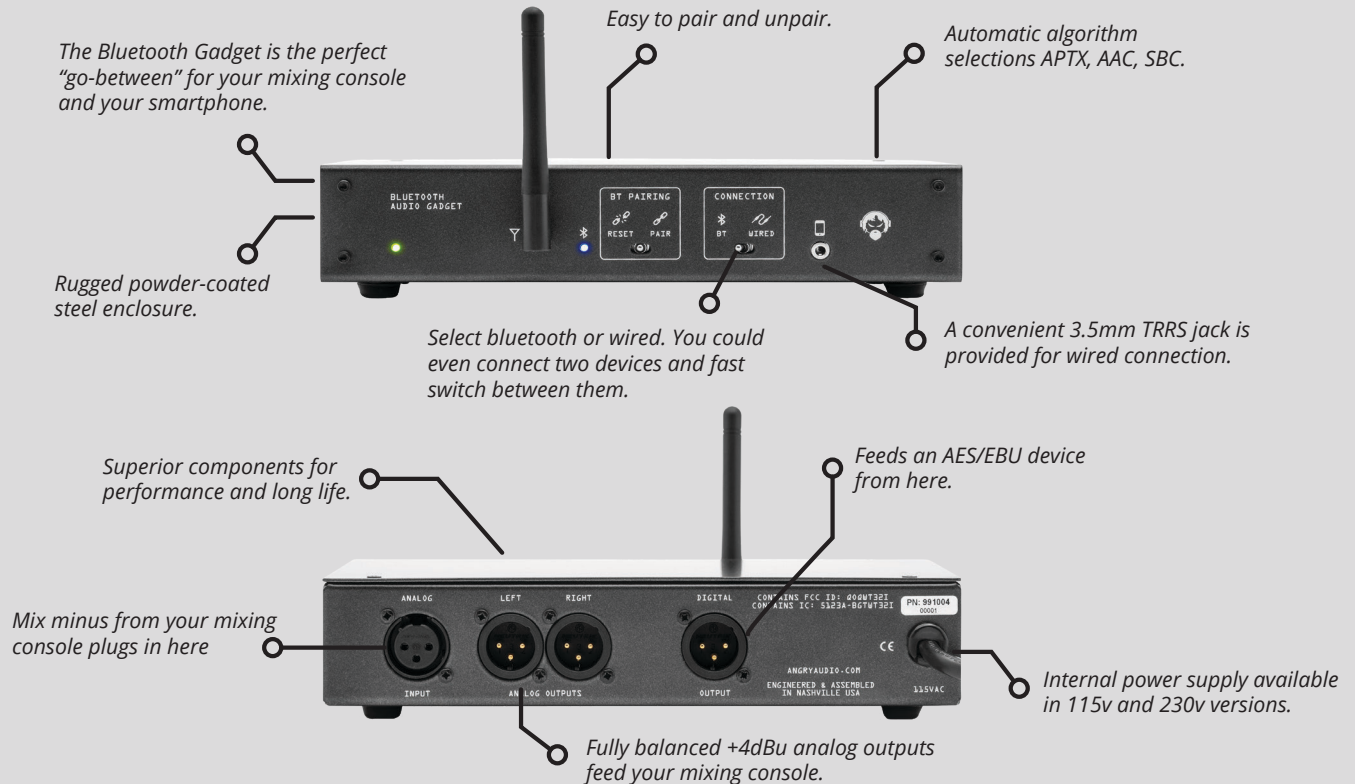| Rack Mount Kit	Wall Mount Kit	Desktop Mount Kit	Under Cabinet Mount Kit
Pro mount one or two gadgets in only 1RU.	Attach your gadget to a wall or inside of a cabinet.	Brackets tilt the gadget toward the user's eyes.	Conveniently located under the edge of your desk.

Bluetooth Gadget

The front panel 3.5mm TRRS jack offers an alternative way to connect your phone. Our exclusive (ground-breaking) unbalanced audio input circuitry suppresses noise from ground loops, digital whine, etc. Using the front panel connection switch, you can select wired or Bluetooth connection. You can even connect two devices, one wired and one Bluetooth and switch between them as needed.

Easy to pair and unpair.

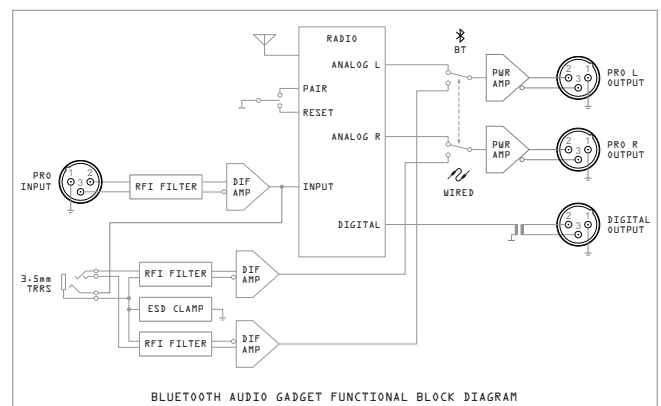*Automatic algorithm selections APTX, AAC, SBC.*

The Bluetooth Gadget is the perfect "go-between" for your mixing console and your smartphone.

Rugged powder-coated steel enclosure.

Select bluetooth or wired. You could even connect two devices and fast switch between them.

A convenient 3.5mm TRRS jack is provided for wired connection.

Superior components for performance and long life.

Feeds an AES/EBU device from here.

Mix minus from your mixing console plugs in here

Internal power supply available in 115v and 230v versions.

Fully balanced +4dBu analog outputs feed your mixing console.

Specifications:

Audio and Bluetooth

From console input	Balanced, +4dBu, XLRF, Mono
To console outputs	Balanced, +4dBu, XLRM, Stereo
From phone (wired)	Unbalanced, -10dBv, TRRS, Stereo
To phone (wired)	Unbalanced, -50dBv, TRRS, Mono
To console (digital)	Transformer isolated XLRM
Transceiver	Bluetooth 3.0
Profiles	HFP, HSP
Codecs	AAC, APTX, SBC
Range	50 feet

Power and Environmental

North American Version	115VAC 60Hz, NEMA 5-15P power plug
Export Versions	230VAC 50/60Hz, various plugs available
Power Consumption	3VA
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)
Shipping Box	12in x 9in x 6in, 5 pounds

BLUETOOTH AUDIO GADGET FUNCTIONAL BLOCK DIAGRAM

Part number: 991004 115VAC USA Power Plug
991004E 230VAC Europe Power Plug
991004A 230VAC Australia Power Plug
991004U 230VAC UK Power Plug

Box includes:
Bluetooth Gadget
Antenna
StudioHub Dual XLRF to RJ45F Adapter
StudioHub Single XLRM to RJ45F Adapter
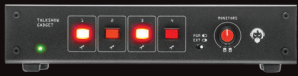3.5mm TRRS OMTP to CTIA Adapter

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.

ANGRY AUDIO LLC

128 Holiday Court, Suite 118
Franklin TN 37067 USA

+1 (615) 763-3033
www.AngryAudio.com
answers@angryaudio.com