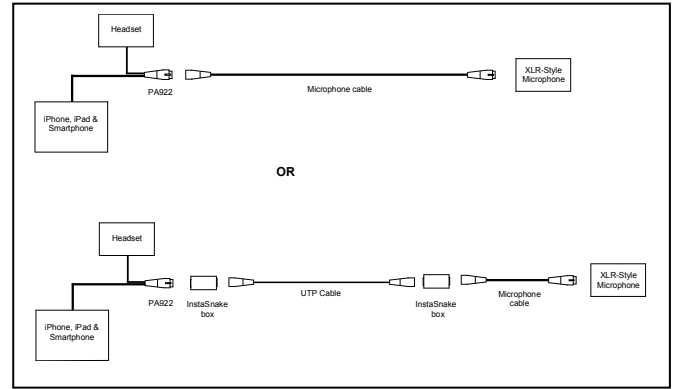


PA920 Series

iProAudio Balun™



Features/Advantages	Description	Applications
<ul style="list-style-type: none"> • Works with iPhones, iPads, phones using CTIA/AHJ standard wiring • Passive devices (no power required) • Low profile TRRS plug fits with most smartphone cases in place • 18-inch tangle-free flat cord with 6-inch audio cord (PA922) • Simple plug-and-play installation • Listen 'in' after recording (PA922) without removing the balun • Light weight, small form factor • Durable, rugged design • Made in USA • 100% tested 	<p>ETS applies its Balanced Line technology to the iProAudio Balun™ mating a professional-grade XLR-style connector with a 3.5mm TRRS plug that plugs into the smartphone's or iPad's audio input jack, allowing software on the smartphone to record professional quality audio. The iProAudio Baluns are compatible with phones using the CTIA/AHJ* standard wiring.</p> <p>By plugging the iProAudio Balun (PA921 or PA922) into the digital audio "record" function of the smartphone, one can use a high-end professional XLR-style microphone for recording.</p> <p>The balun converts the unbalanced 3.5mm plug to a true balanced low-impedance XLR input that allows the addition of much longer cables, more than 500 feet (150m) on common microphone cable. Using a single channel InstaSnake and unshielded Cat5e, signals can be sent up to 1,000 feet. (300 m)</p> <p>The PA921 with an 18-inch flat pigtail is for recording only. To listen to the playback, remove the PA921.</p> <p>The PA922, similar to the PA921 has an additional 3.5mm jack on a 6-inch pigtail with an audio plug which provides a source where one can hear what has been recorded without removing the balun.</p> <p>NOTES: a) The PA920 Series works with condenser microphones equipped with separate power supplies or batteries. b) CTIA = Cellular Telecommunication Industry Association. AJH = American Headset Jack.</p>	<ul style="list-style-type: none"> • Connects the XLR-style microphone to the TRRS plug on a smartphone to allow for professional quality digital audio recording • Useful for field (ENG) recording and listening. • Recording events such as interviews, parties, concerts and other spontaneous events • The iProAudio Balun is used with CTIA/AHJ compatible smartphones, however sound quality will vary with the smartphone.

Specifications		Product Ordering Information	
Bandwidth	10 Hz to 20 KHz	PA921	iProAudio Balun, 3.5mm TRRS mini-plug with 18" tangle free flat cable to FXLR.
Connectors	3.5mm TRRS mini-plug to FXLR 3.5mm TRRS mini-plug to FXLR + 3.5mm jack (PA922)	PA922	iProAudio Balun, 3.5mm TRRS mini-plug with 18" tangle-free flat cable + 3.5mm jack with 6" pigtail to FXLR
Impedance	Balanced low impedance microphone (≤ 600 ohm)		
Common Mode	60dB min. @ 1KHz		
Rejection	40dB min. over the frequency range		
Dimensions	22mm dia. X 533mm (including pigtail)		
Net Weight	0.06 Kg – PA921; 0.11 Kg – PA922		

© Copyright 2014 Energy Transformation Systems, Inc. FatCat5 System panels and information outlets protected under US Patent Number 6,123,577. FatCat5™, FatCat5 System™, Chameleon Color Coding 2 System™, Balanced Star™, Monoline™ and Precision Wave™, InstaSnake™, CineSnake™ are trademarks of Energy Transformation Systems. All other brand or product names are or may be trademarks of, and are used to identify the products or services of their respective owner.



Energy Transformation Systems, Inc.
43353 B Osgood Road, Fremont, CA 94539
www.etslan.com
800-752-8208 510-656-2012 Fax 510-656-2026

