PA920 Series   iProAudio Balun™
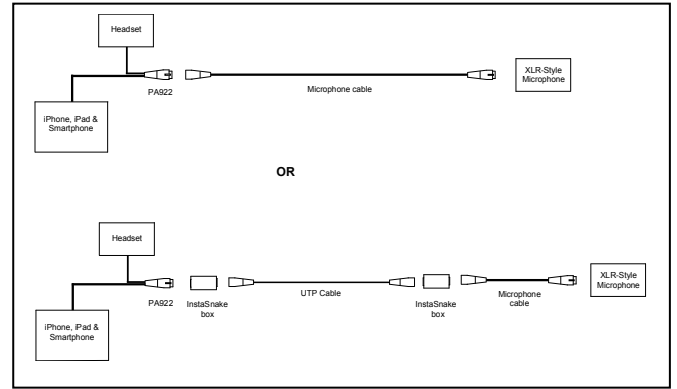
Features/Advantages	Description	Applications
• Works with iPhones, iPads, phones using CTIA/AHJ standard wiring • Passive devices (no power required) • Low profile TRRS plug fits with most smartphone cases in place • 18-inch tangle-free flat cord with 6-inch audio cord (PA922) • Simple plug-and-play installation • Listen 'in' after recording (PA922) without removing the balun • Light weight, small form factor • Durable, rugged design • Made in USA • 100% tested	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. 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. 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) The **PA921** with an 18-inch flat pigtail is for recording only. To listen to the playback, remove the **PA921**. 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. **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.	• 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		

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