



Features/Advantages	Description	Applications
<ul style="list-style-type: none"> <li>• Easily transported</li> <li>• Low cost</li> <li>• No ground loops</li> <li>• Add second unit to increase the number of channels</li> <li>• May be used for analog or digital audio</li> <li>• Supports 48V phantom power</li> <li>• Rugged, "road-ready" construction</li> <li>• Metal case</li> <li>• RoHS compliant</li> <li>• USA Made</li> <li>• 100% tested</li> </ul>	<p>The <b>ETS InstaSnake™ Series (PA200)</b> is a compact, lightweight, versatile passive group of components allowing you to run audio signals over a single run of CAT5, 5E or 6 cables. With a roll of wire, these compact units are easily transported and/or stored solving dozens of live and/or recording sound problems.</p> <p>The <b>InstaSnake™</b> is a passive unit, so you do not need power. The <b>InstaSnake™</b> accepts "mic" level, analog or digital audio and supports phantom power when using shielded Cat5 or 6 cables.</p> <p>The basic units are a pair of passive units with bi-directional capability which can be input directly into analog or digital consoles. Designed to the highest professional standards the <b>InstaSnake™</b> has a wide, flat frequency response, low THD and residual noise. The <b>InstaSnake™</b> has been factory tested to 1900 feet over CAT5 using low Z dynamic microphones. Phantom power has been tested to 850 feet over <u>shielded*</u> cable. (*Phantom Power – <u>Shielded Cat5 or 6 cables are required</u> to pass phantom power with the <u>exception of the PA205, which does not require shielding.</u>)</p> <p>The <b>InstaSnake™ Splitter (PA206)</b> splits the signals at the receive end and sends them to a recorder or mixer. A second Cat5 cable connects the second receiving unit – it handles phantom power. 4 additional standard mic cables are required.</p> <p>The <b>InstaSnake™</b> is available in 2 basic send/receive units which can be mounted in a 2u 19" rack, plus units with pigtailed, and wall plate versions. The <b>PA202P</b> with (4) 18" pigtailed lets you access the mixer without the need for an additional 4 microphone cables.</p>	<ul style="list-style-type: none"> <li>• Live Sound</li> <li>• Recording Studios</li> <li>• TV &amp; Radio Broadcasts</li> <li>• Production/Post Production Houses</li> <li>• Foley/ADR Studios</li> <li>• Hotels</li> <li>• Convention Centers</li> <li>• Churches</li> <li>• Cruise Ships</li> <li>• Auditoriums/Stadiums</li> <li>• Home Studios</li> <li>• Remote &amp; News Trucks</li> <li>• Field Recording</li> </ul>

Specifications		Product Ordering Information	
Crosstalk @ 20KHz	-109 dB between Ch1 and Ch2 -106 dB between Ch1 and Ch4 -106 dB between Ch2 and Ch3 -106 dB between Ch2 and Ch4 -109 dB between Ch3 and Ch4 -109 dB between Ch3 and Ch4	PA202x PA202P PA202FP PA203F PA203M PA203P PA205x PA202xWP	(4) FXLR or MXLR to RJ45 jack, all pins (4) MXLR 1.50' pigtail to RJ45 jack, all pins (4)FXLR 1.50' pigtail to RJ45 jack, all pins (3) FXLR + (1) MXLR to RJ45 jack, all pins (3) MXLR + (1) FXLR to RJ45 jack, all pins (3) MXLR + (1) FXLR 1.50' pigtail to RJ45 jack (3) FXLR or MXLR to RJ45 jack, all pins 2 gang brushed steel wall plate, (4) FXLR or MXLR to 110 punchdown
Distance	UTP – 1900 ft. STP 850 ft – phantom power only Up to 1105 ft (44.1 KHz.48 KHz sampling rate) Up to 877 ft (96 KHz sampling rate)	PA206 22518	Splitter – (4) MXLR to (2) RJ45 jacks 19" rack – 2 RU high, blank panel
Connectors	Female or Male XLR to Ethercon RJ45 jack or 110 punchdown (wall plate)	Note: Accessories are available - adapters, couplers and 2u, 19" rack mount panels & blank plates	
Dimensions L x W x H	69mm x 62mm (+pigtail) x 36 -PA202P/PA203P 107mm x 70mm x 45mm 117mm x 115mm x 37mm (wall plate)		

Revised 06/27/2011



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

