TPA

Twisted Pair Audio System

- SuperTranz™ circuit stereo audio signal transmission system
- Line-level stereo audio signal input/output
- 3000 ft. / 1000 m transmission distance on cat5/cat5e or other unshielded twisted pair (UTP) cables
- Also works with cat3/cat6 and other types of shielded twisted pair cables
- Eliminates ground loops and noise pickup
- No need for gain adjustment
- Plug-and-play simplicity
- Point-to-point and point-to-multipoint signal distribution

Applications:

Background music system
Multi-room audio system
School and college campus
Sports arena / Stadium
Airports/Train Station
Hospitals/Healthcare facilities
Hospitality/Lobbies
Casino/Entertainment venues
Theme parks / outdoor events
Shopping malls/digital signage
Health/Fitness clubs
House of worship

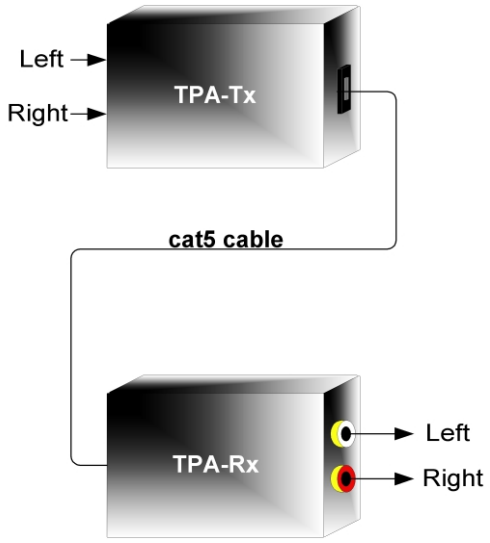
TO PLACE an ORDER or for QUESTIONS,
Email Us: sales@pragmatic1.com or Call Us: (408) 748-1100

PRAGMATIC COMMUNICATIONS SYSTEMS, INC.
www.pragmatic1.com
Ph: 408-748-1100 sales@pragmatic1.com
Copyright © 1994- 2026. All rights reserved.

Prices and Specifications are Subject to Change Without Notice

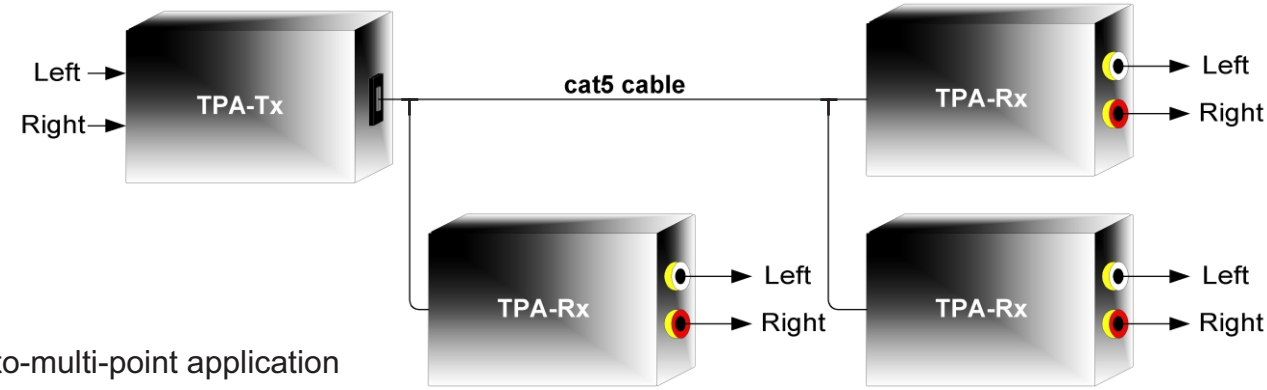
pragmatic
Innovators in wired & wireless systems

Point-to-point application

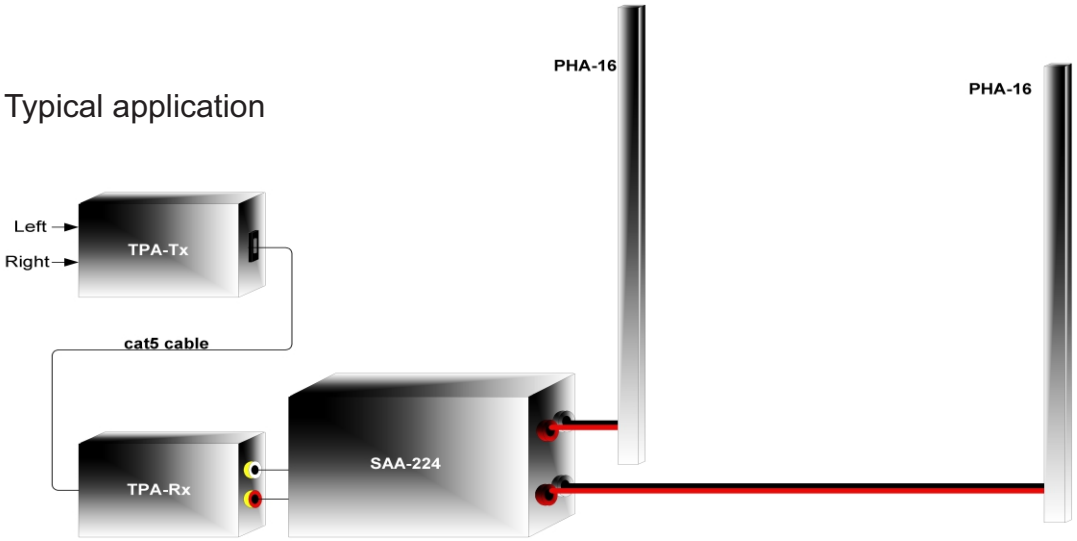


Audio Signal-to-Noise Ratio	> 96 dB
Audio Bandwidth	20 kHz
Channel Separation	> 78 dB
Power Supply Rejection Ratio	> 84 dB
Audio input/output connectors	Standard RCA phono jacks
Network Connection	Standard RJ-45 connectors
Audio distortion (THD)	< 0.1 %
Power	DC 15mA@7.5V (typical), 12V (max)
Operating Conditions	Temperature 50°-104°F (10°-40°C), Humidity 20-85% (non-condensing)
Dimensions	2.4" W x1.6" H x 1" D each unit
Weight	1.2 oz each unit
Regulations	UL, cUL,TUV, CCC, CE
Package Contents	TPA-Tx, TPA-Rx, AC adapter
Warranty	Six years limited warranty on parts and labor

Point-to-multi-point application



Typical application



RELATED PRODUCTS

- SAA-212/224/248 amplifiers
- MCA-1248 multi-channel amplifier
- IWA-212VC/224VC/248VC in-wall audio amplifiers
- TPA HUB-4 Twisted-pair cat5 audio signal distribution hub
- MuSeTM Hard Disc Music Server
- PHA-4/8/16/25/5125/264 ultra compact array speakers
- Pre-Amp9 Stereo Audio preamplifier

TO PLACE an ORDER or for QUESTIONS,
Email Us: sales@pragmatic1.com or Call Us: (408) 748-1100

PRAGMATIC COMMUNICATIONS SYSTEMS, INC.
www.pragmatic1.com
Ph: 408-748-1100 sales@pragmatic1.com
Copyright © 1994- 2026. All rights reserved.

Prices and Specifications are Subject to Change Without Notice

pragmatic
Innovators in wired & wireless systems