

## » 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

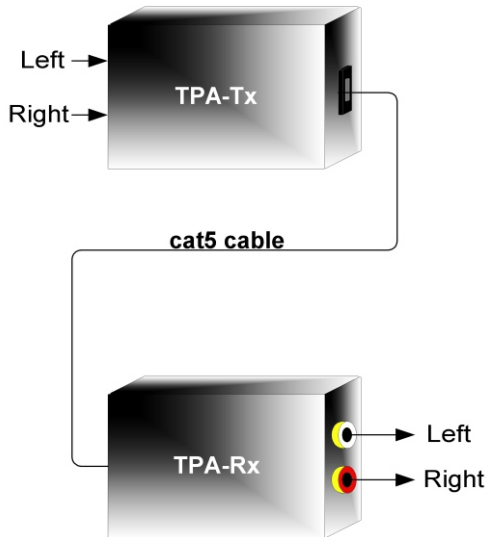
### Applications:

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

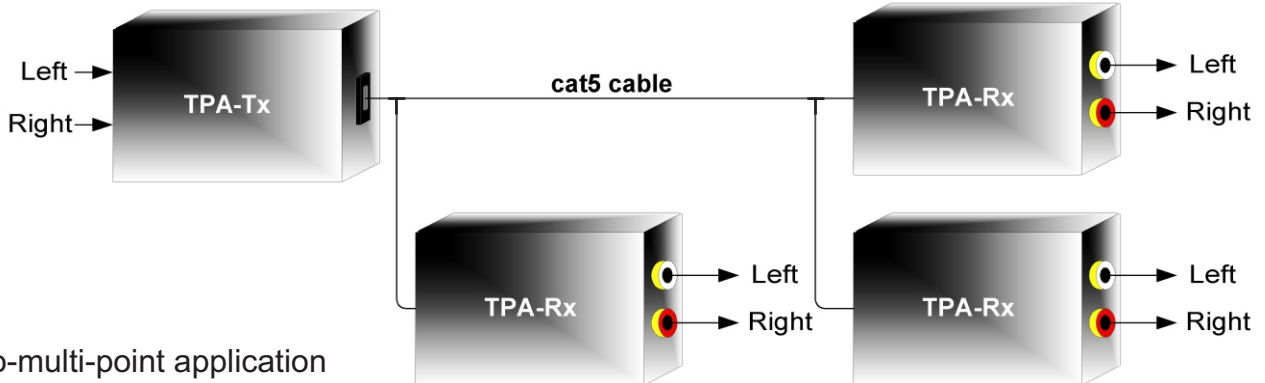


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**Emails Us: [sales@pragmatic1.com](mailto:sales@pragmatic1.com), Call Us: (408) 748-1100 or Fax Us: (408) 663-9783**

Point-to-point application

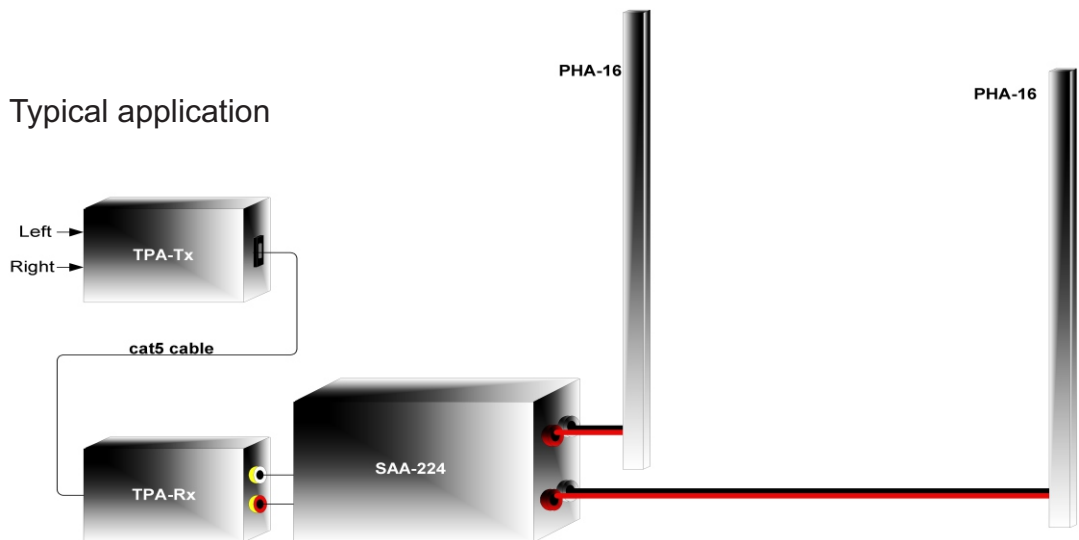


<b>Audio Signal-to-Noise Ratio</b>	> 96 dB
<b>Audio Bandwidth</b>	20 KHz
<b>Channel Separation</b>	> 78 dB
<b>Power Supply Rejection Ratio</b>	> 84 dB
<b>Audio input/output connectors</b>	Standard RCA phono jacks
<b>Network Connection</b>	Standard RJ-45 connectors
<b>Audio distortion (THD)</b>	< 0.1 %
<b>Power</b>	DC 15mA@7.5V (typical), 12V (max)
<b>Operating Conditions</b>	Temperature 50°-104°F (10°-40°C), Humidity 20-85% (non-condensing)
<b>Dimensions</b>	2.4" W x 1.6" H x 1" D each unit
<b>Weight</b>	1.2 oz each unit
<b>Regulations</b>	UL, cUL,TUV, CCC, CE
<b>Package Contents</b>	TPA-Tx, TPA-Rx, AC adapter
<b>Warranty</b>	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
  - MuSe™ Hard Disc Music Server
  - PHA-4/8/16/25/5125/264 ultra compact array speakers
  - Pre-Amp9 Stereo Audio preamplifier

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