

## PTS-1: PADS™ Amplified Tube Speaker



**Dimensions:** 2" Diameter x 4.8" H  
**Weight:** 4.5 oz. Approx.  
**Input:** RJ45 through PTI adaptor or music source mini jack  
**Distortion:** <0.1% (typical)  
**Dynamic range:** >90 dB  
**Signal-to-Noise Ratio:** >90 dB  
**Power Output:** 81 dB Spl @ 1W / 1m (typical) 3 watts RMS Max  
**Output Pattern:** Omni-directional  
**Freq. Response:** 120 Hz – 20 KHz (typical)  
**Power:** 12 V DC

Pragmatic's PTS-1 is a compact, amplified tube speaker. It is compatible with other PADS™ systems including the PADS™ 4-port hub and the PADS™ 16-port hub. By simply connecting the PTS-1 to the hub with a single category 5 wire, one can relish in its full range audio performance. The PTS-1 is easy to install and can be hung from the ceiling on a 1-inch electrical pipe (PVC / EMT). Its versatile size and convenient cylindrical shape allows the PTS-1 to be placed virtually anywhere. By providing a built-in amplifier, the PTS-1 eliminates extra wiring and labor.

### Applications:

Compact speakers for commercial and residential applications  
Applications in hotels, fitness clubs, restaurants, theme parks, museums, shopping malls, grocery stores, residential homes etc.  
Can be coupled with PADS™ hub systems

### Features and Benefits:

Compact design  
Integrated amplifier  
Can be run on a category 5 wire with PADS™ 4 or 16- port hub  
Lightweight  
Does not require costly rewiring  
Can be hung from the ceiling on a 1" electrical pipe (PVC/EMT)

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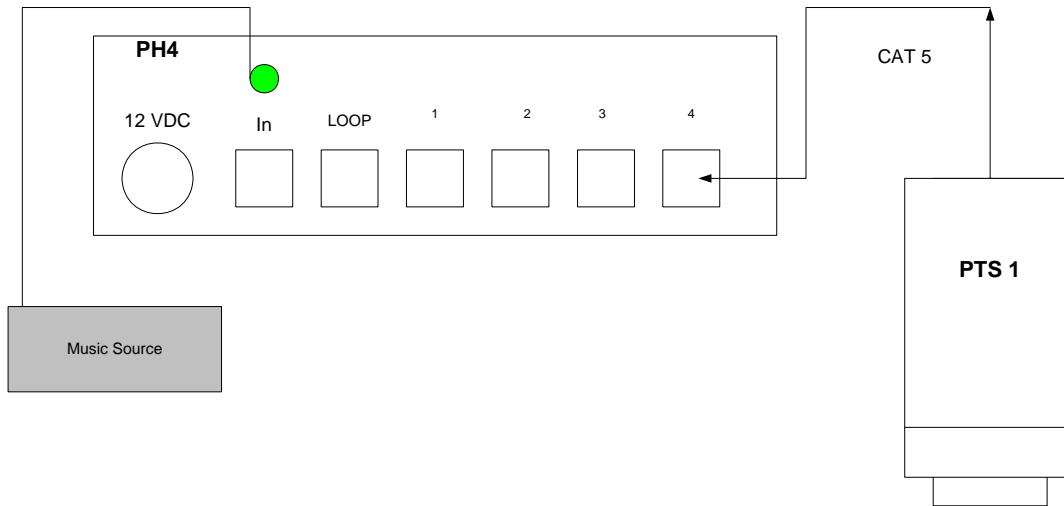
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### Architect Specifications:

The unit shall consist of one compact, cylindrical-shaped amplified speaker that shall measure 2” in diameter and have a height of 4.8”. It shall weight approximately 4.5 oz. and be powered by 12 VDC. Its input shall be RJ45 through PTI adaptor or music source mini jack. Its power output shall be 81dBspl @ 1W / 1m (typical) 3W RMS Max with an omni-directional output pattern. Its frequency response shall typically be 120Hz - 20KHz. It shall be able to connect to the hub with a single category 5 wire and shall be hung from the ceiling on a 1-inch electrical pipe (PVC/EMT).

The speaker shall be a Pragmatic PTS-1 Tube Speaker.

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