

# Transcend® Studio

Transcend® Technology, now scaled for small spaces up to 500 ft<sup>2</sup> (46.45 m<sup>2</sup>). Transcend Studio is ideal for music practice rooms, private teaching studios, or any small room where unamplified music happens!

Transcend Studio is an all-in-one active acoustics package that includes digital signal processor, user-control panel, microphones, amplification, and speakers. Provides natural-sounding acoustic support and a strong sense of envelopment which accelerates development of musical skills by allowing musicians to hear themselves more clearly.

- Transcend Technology features and benefits include:
  - Nine preset acoustic environments with varying characteristics of early energy (reflections) and late decay (reverberation): Studio A, Studio B, Recital Hall, Chamber Hall, Concert Hall, Great Hall, Chapel, Arena and Grand Cathedral
  - One-button record/playback feature provides instantaneous audio recording and playback; the high-quality recordings may be saved to internal storage or directly onto external USB (type-C) drive
  - Intuitive and easy-to-use, touch screen control interface
  - Bluetooth® wireless audio, enabling users to seamlessly play audio content from any Bluetooth compatible device
  - Balanced stereo auxiliary input for external devices
  - Stimulates creativity and encourages practice by relieving the tedium of playing in an acoustically "dry" practice room
  - Accelerates development of articulation, intonation, and tone in a variety of environments from very "dry" to very "live"
- Five-year warranty

## Components

- Transcend digital signal processor
- Four to eight speakers depending on room size
- Low-profile powered 10" (254 mm) subwoofer
- Two wall or ceiling mountable microphone enclosures
- Transcend touch screen control panel
- Control panel cable, speaker wires and cable connectors

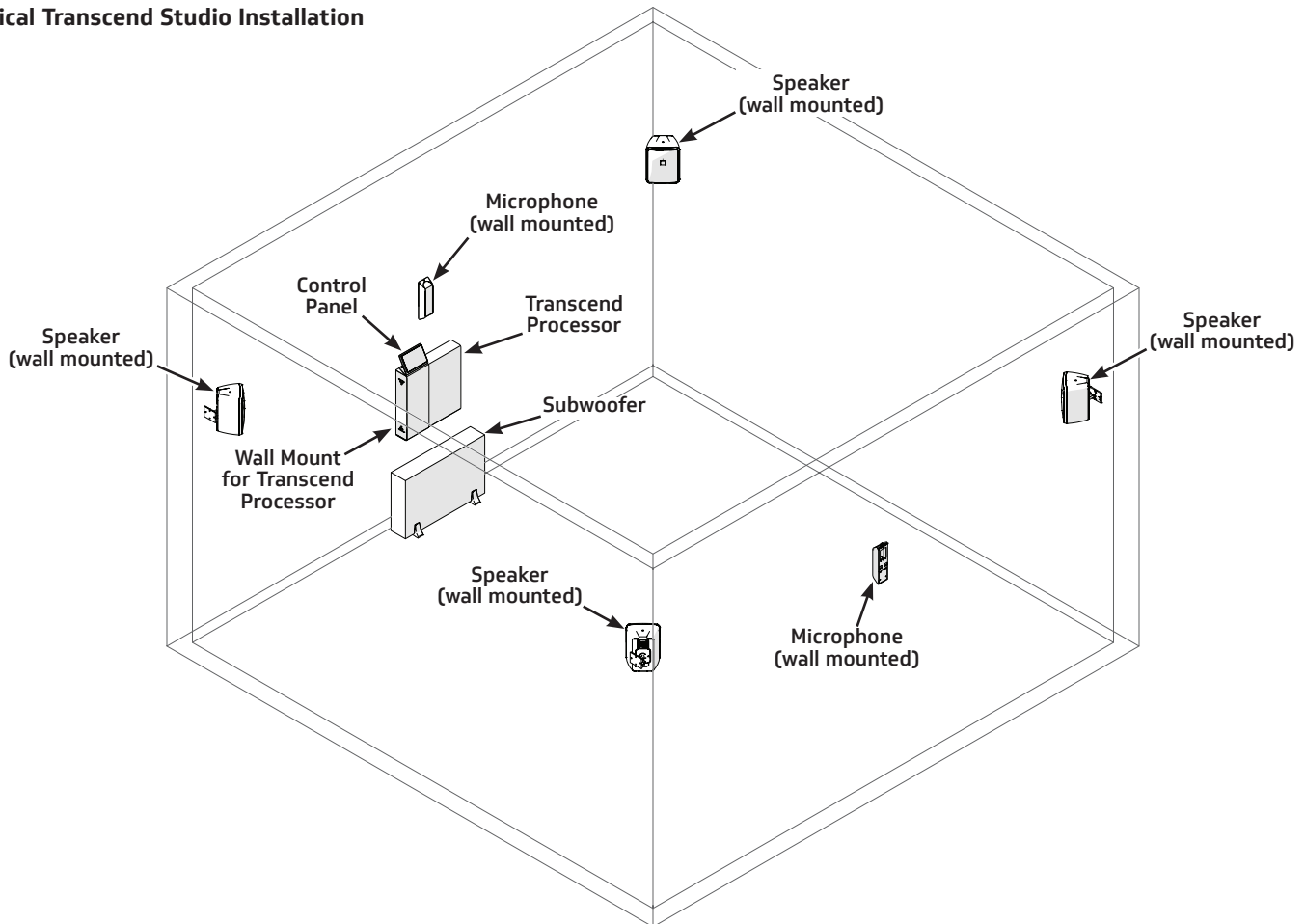
## Optional Accessories

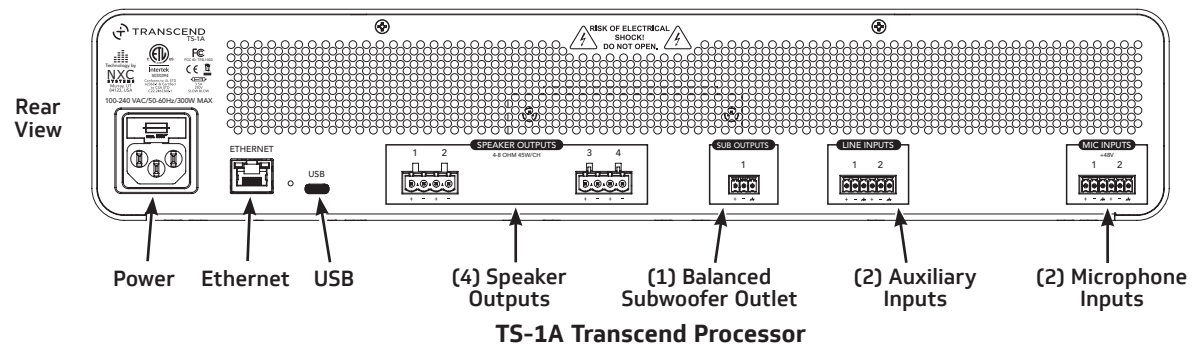
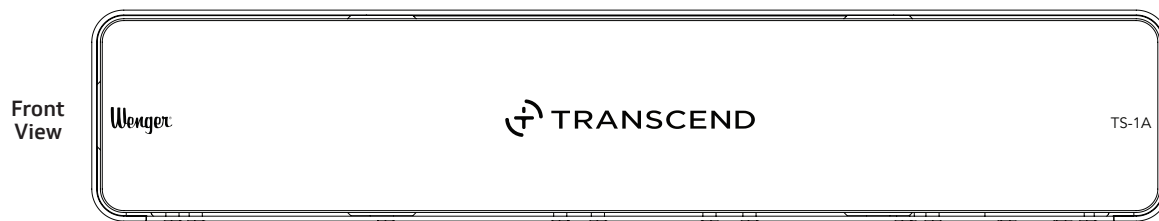
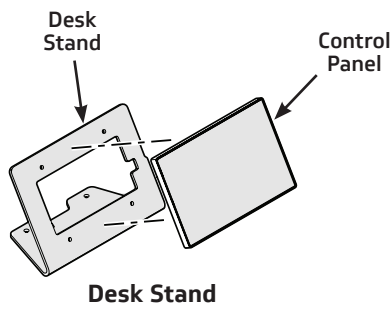
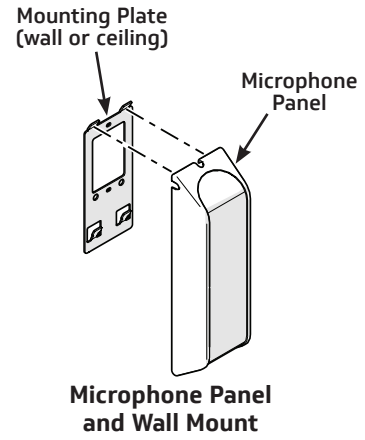
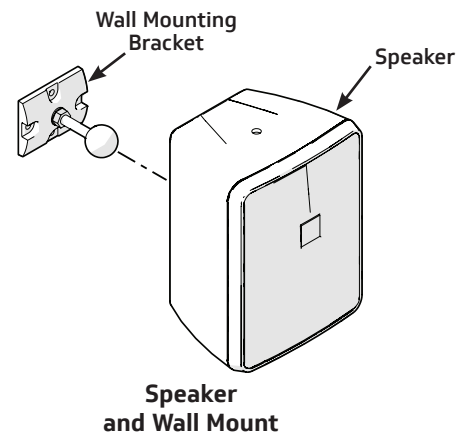
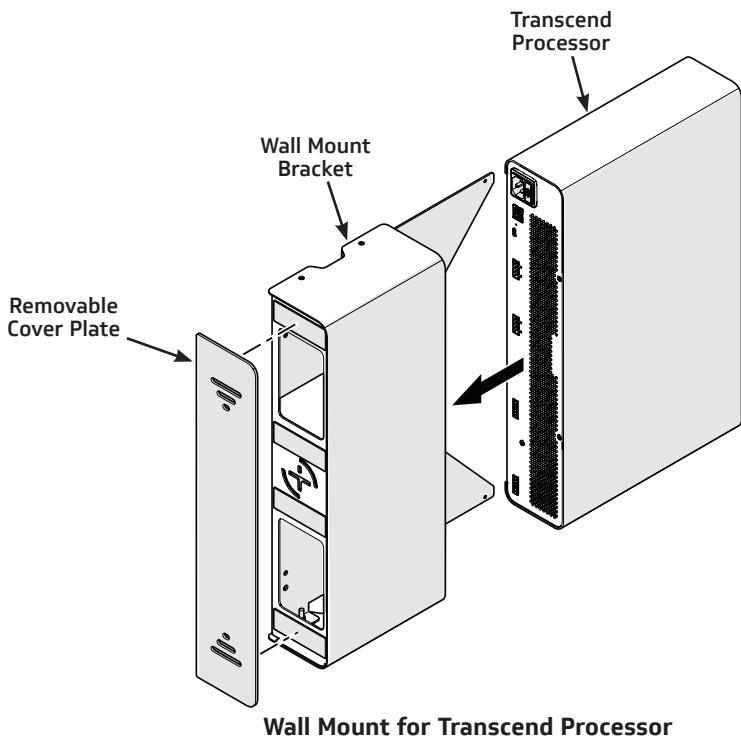
- Wall mount enclosure
- Universal wall mount enclosure
- Wire mold kit
- Desk stand

## Recommend Products to Complete Music Practice Rooms

- Acoustic ceiling tiles (0.95 NRC rated, 1" [25 mm] thick)
- Wall absorber panels (1.00 NRC rated, 2" [51 mm] thick)
- 2" (51 mm) thick fabric wrapped acoustic wall panels
- Acoustical door (STC-50)

## Typical Transcend Studio Installation





## Component Specifications

### Transcend TS-1A Processor

- Fully-integrated active acoustics, Bluetooth, instantaneous record and playback with end-user automatic calibration
- Power requirements: 100-240 V, 50/60 Hz, 300 W
- Operating conditions: 0° to 40° C (32° to 104° F)
- Data interface: USB-C / Bluetooth
- Internal storage: 131 minutes of recorded audio (44.1 kHz wav)
- Microphone inputs:
  - Phantom power: 48 V, 15 mA/CH
  - Impedance: 750 ohm - SNR (A): 102.2 dBA
  - THD+N: 0.002%
  - Crosstalk 106 dB
- Balanced line inputs: 1 stereo
  - SNR (A): 110 dBA
  - THD+N: 0.002%
- Amplification output: 180W RMS total
- Dimensions: 17.4"w x 3.5"h x 10.3"d (442 x 89 x 272 mm)
- 17.4"w x 10.3"d x 3.5"h x (442 x 272 x 89 mm)

### Transcend TS-C Touch Panel

- Screen: 5.5" (140 mm) IPS, capacitive touch, POE+
- Form factor: US 3-gang duplex
- USB-C pass-through data interface, side mount
- Dimensions: 6.25"w x 1.17"d x 4.05"h (159 x 30 x 103 mm)
- Security set screw: #4-40 x 1/4"

### Transcend Microphones

- Shure MX391 cardioid condenser microphone
- OEM custom housing dimensions: 2-3/4"w x 2"d x 10-1/8"h (70 x 51 x 257 mm)
- Frequency range: 50-17 kHz
- Maximum SPL: 119 dB
- Equivalent self-noise: 22.6 dBA

### Transcend Speakers

- JBL Control 25-1L
- 5" LF, 1" HF drivers
- Built-in InvisiBall® wall mount hardware
- Colors: black or white
- Dimensions: 7.4"w x 5.8"d x 9.3"h (188 x 147 x 236 mm)
- Net Weight (ea): 5 lb (2.3 kg)

### Transcend Subwoofer

- Dayton Audio SUB-1000L
- Amplifier output: 80 Watts
- Frequency response: 32-140 Hz
- Power requirements: 120 VAC, 60 Hz
- Color: black
- Dimensions Including the feet: 25"w x 15-3/4"d x 6"h (635 x 400 x 152 mm)
- Includes wall bracket and vertical stand

# Wenger®

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C O R P O R A T I O N

#### Minnesota Location

Wenger Phone 800.4WENGER (493-6437) Wenger Worldwide +1.507.455.4100 | Parts & Service 800.887.7145 | wengercorp.com  
GearBoss Phone 800.493.6437 | gearboss.com  
555 Park Drive, PO Box 448 | Owatonna | MN 55060

#### New York Location

J.R. Clancy Phone 800.836.1885 JR Clancy Worldwide +1.315.451.3440 | jrclancy.com | 7041 Interstate Island Road | Syracuse | NY 13209

#### Rhode Island Location

Creative Conners Phone 401.289.2942 | creativeconners.com | 20 Avery Rd Cranston | RI 02910

#### Texas Location

Texas Scenic Company Phone 210.684.0091 | texasscenic.com | 8053 Potranco Rd, San Antonio, TX 78251