

Transcend™ Studio

Transcend™ Technology, now scaled for small spaces up to 500 ft² (46.45 m²). 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): practice room, baroque room, medium recital hall, large recital hall, small auditorium, medium auditorium, large auditorium, cathedral and sports arena
 - 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

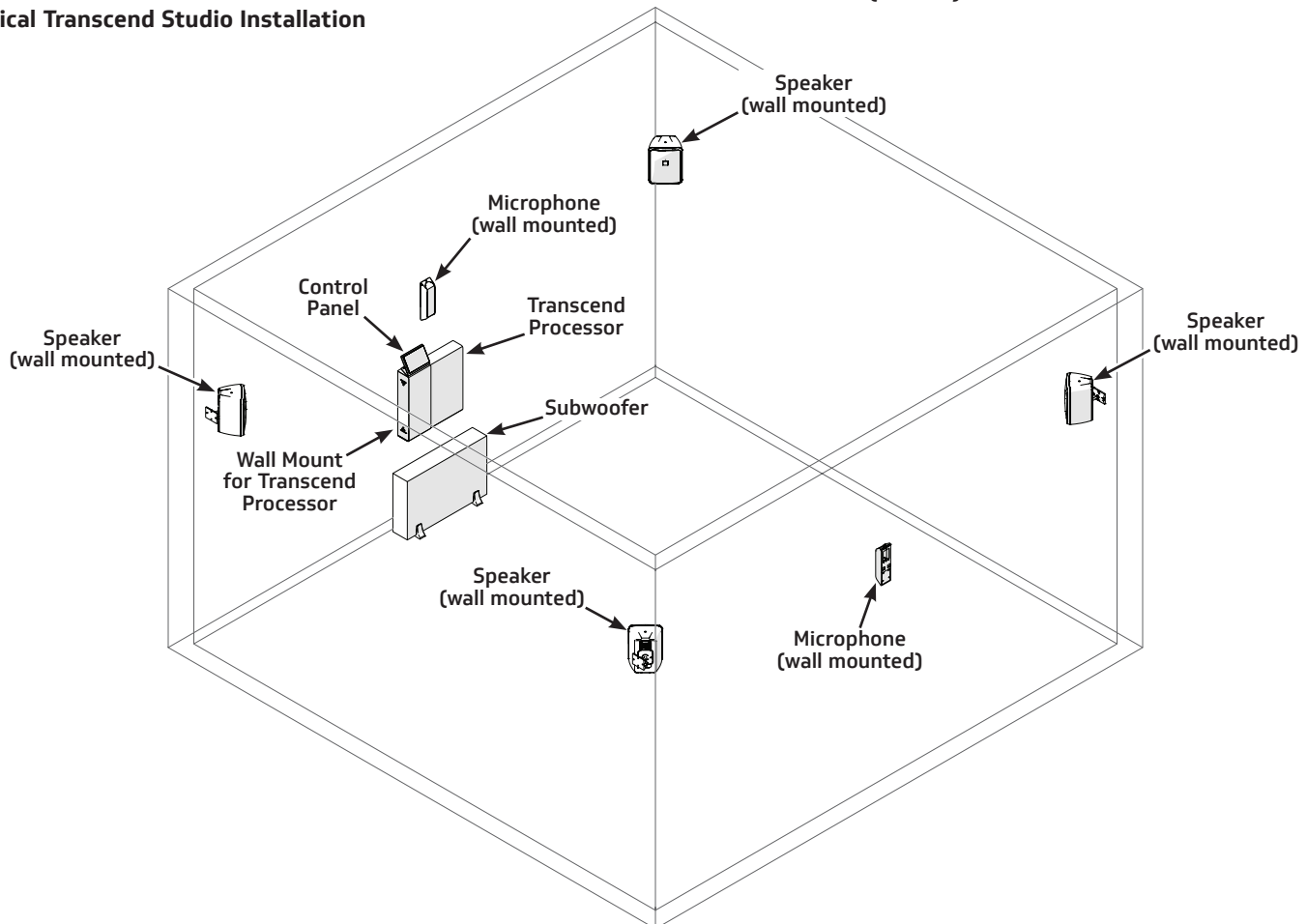
Optional Accessories

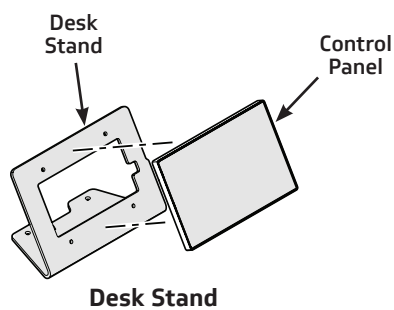
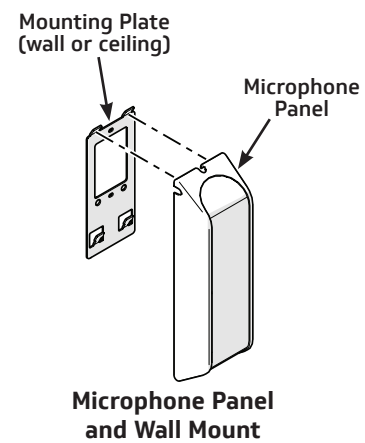
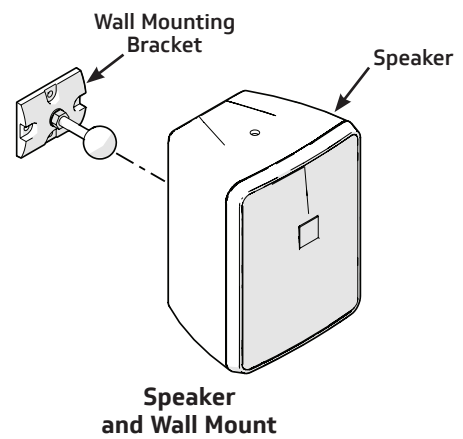
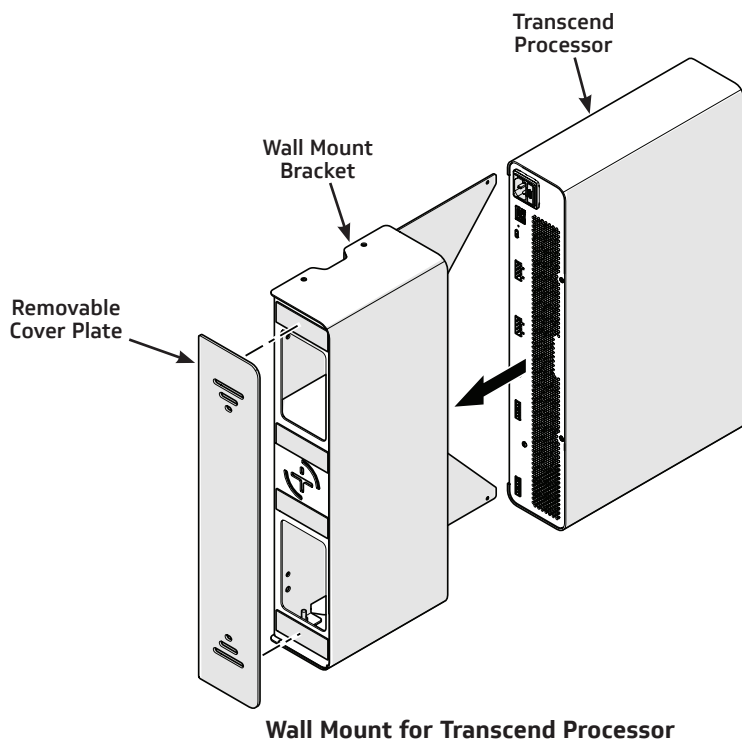
- Wall mount enclosure
- Universal wall mount enclosure
- Wire mold kit
- Desk stand

Recommend Products to Complete Music Practice Rooms

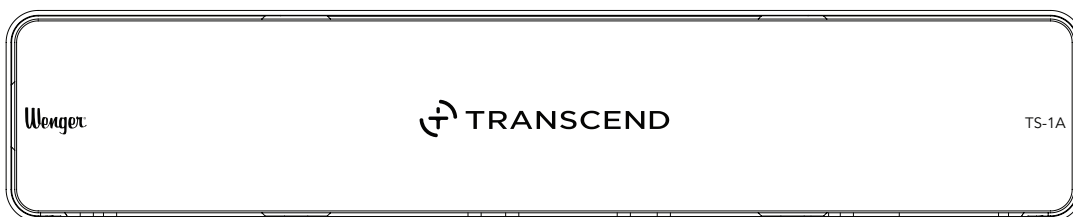
- Acoustic ceiling tiles (0.95 NRC rated, 1" [25 mm] thick)
- Wall absorber panels (1.00 NRC rated, 2" [51 mm] thick)
- 2" (51 mm) thick fabric wrapped acoustic wall panels
- Acoustical door (STC-50)

Typical Transcend Studio Installation

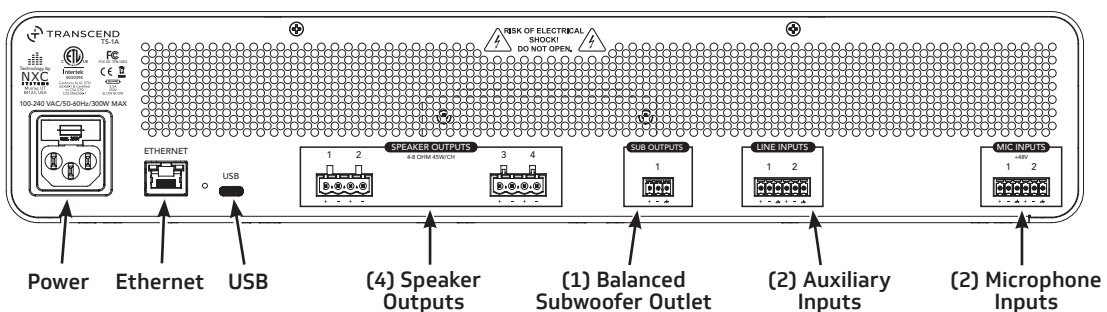




Front View



Rear View



TS-1A Transcend Processor

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



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