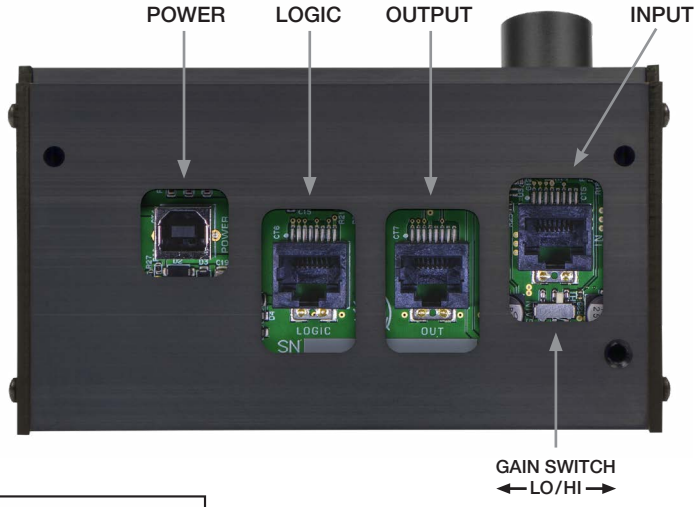
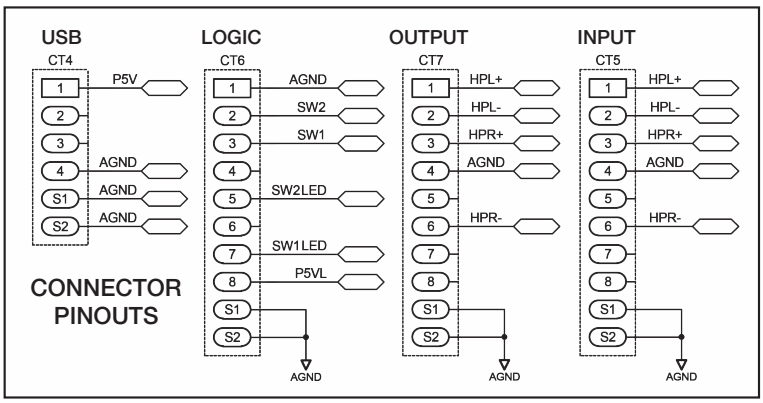
Audioarts TS-1 Talent Station

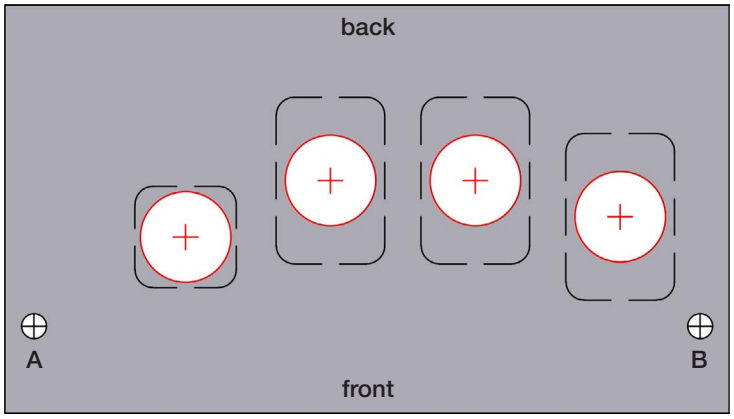
The Audioarts TS-1 is a compact countertop unit housing a USB powered headphone amplifier, 1/4” and mini stereo output jacks, two panel switches with internal LEDs, a power light and a level control.

WIRING is through cutouts in the bottom of the unit: input, output and logic RJ45 connectors, plus USB power. A HI/LO gain set switch is located below the input connector.





CONNECTIONS: The USB port provides +5VDC power to the amp. The LOGIC RJ45 lets you to use the two front panel switches for TB, COUGH and other functions. INPUT and OUTPUT connectors follow standard Studio Hub RJ45 analog audio pinouts. The OUTPUT feed allows you to daisychain the unit’s source audio to other devices.



Inside view of bottom plate

COUNTERTOP MOUNT: To install the TS-1 you will need to drill six holes in your countertop: four thru-holes for wire passage (5/8" diameter spade bit, shown in red) and two mounting holes (1/8" drill bit, A and B) for the 3/4" screws that will hold the unit in place.

A drilling template is included in the packing box.

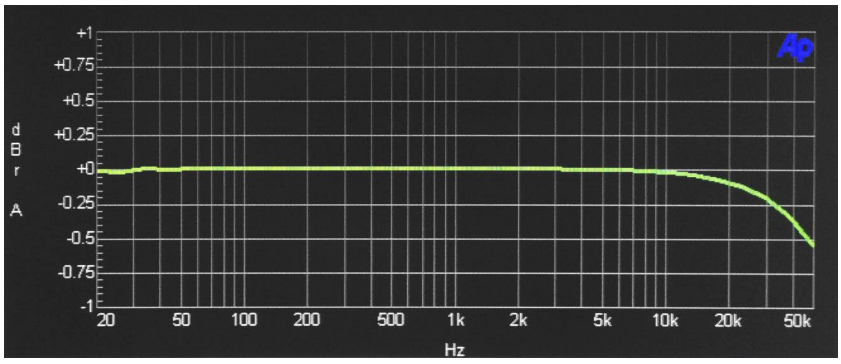
Once the wiring is connected and everything is working properly *(don't forget to set the HI/LO gain switch)* it's time to fasten the TS-1 to the counter.

To do this you need to remove the unit's two acrylic sideplates (each held in place by three philips head screws). You can then drive home screws through the A and B counter mounting holes in the bottom plate (sharp point 3/4 inch #8 sheetrock screws recommended).

Once anchored in place, close up the unit by replacing the sideplates.

SPECIFICATIONS

GAIN: +5dB LO setting, +14dB HI setting
DISTORTION:
THD+N .003%
IMD .005%
SMPTE DIN .002%
NOISE: -92dBu 20KHz BW, unweighted
MAXIMUM OUTPUT:
voltage +20dBu
power 650mW
current 120mA
MAXIMUM INPUT LEVEL: +26dBu
DYNAMIC RANGE: 112dB
CMRR: 80dB
PHYSICAL: width 5.4"/13.7cm, height 1.8"/4.6cm, depth 3"/7.6cm, weight 10oz/.28kg



Headphone amp frequency response is virtually flat (-1/10dB @20KHz)