

## DESCRIPTION

The NX-100S Network Audio Adapter can transmit high-quality audio signals and such control data as control input data over IP networks, such as LAN or Internet, in real time. It is especially useful when transmitting audio signals to remote locations, as Internet use keeps running costs lower than the use of dedicated lines. With the use of an optional rack mounting bracket, it can be mounted in an EIA Standard rack (1 unit size).

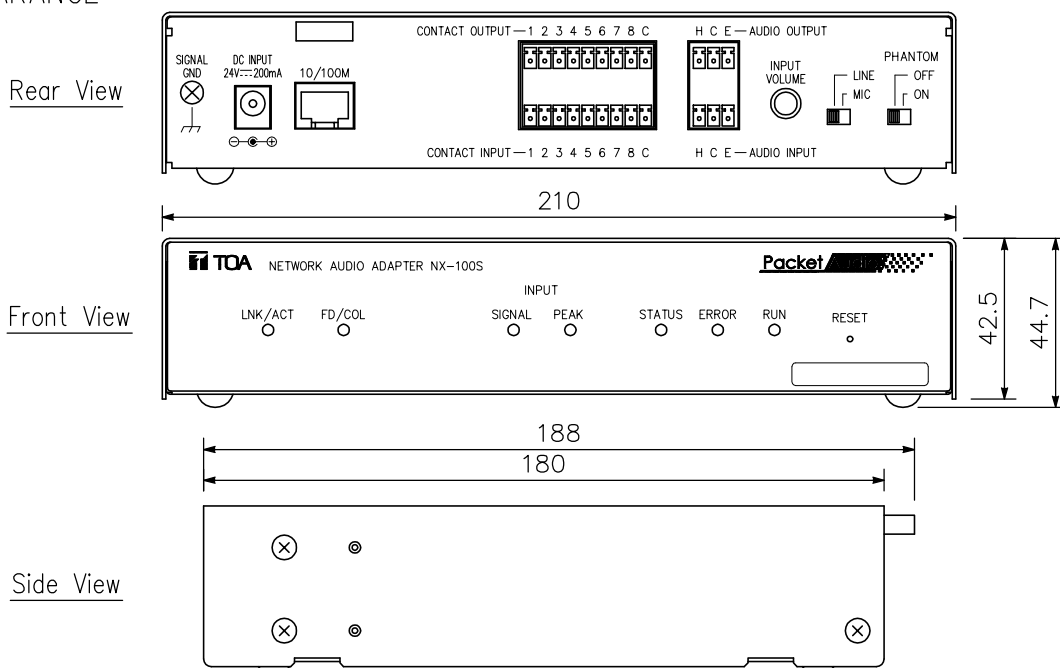
## SPECIFICATIONS

\* 0 dB = 1 V

Power Source	AC adapter AD-246 (optional) or the equivalent
Power Consumption	7 W (when AD-246 (optional) is used)
Audio Input	1 channel (transformer-isolated), -58 dB* to 0 dB*, balanced (MIC/LINE changeable, volume adjustable with volume control), 2 kΩ, removable terminal block (3 pins), phantom power supply (24 V, can be set with the switch)
Audio Output	1 channel (transformer-isolated), balanced, 600 Ω, removable terminal block (3 pins)
Frequency Response	50 - 14,000 Hz (when sampling frequency is 32 kHz)
Distortion	Under 0.3% (1 kHz, when sampling frequency is 32 kHz)
Control Input	8 channels, no-voltage make contact input, open voltage: 12 V DC, short-circuit current: 10 mA, removable terminal block (9 pins)
Control Output	8 channels, open collector output (polarized), withstand voltage: 30 V DC, control current: 50 mA max., removable terminal block (9 pins)
Network I/F	10BASE-T/100BASE-TX, Auto-Negotiation
Network Protocol	TCP, UDP, ARP, ICMP, HTTP, RTP, IGMP
Audio Packet Transmission System	Unicast (Up to 4 simultaneous transmissions), Multicast (Up to 64 simultaneous transmissions)
Operating Temperature	0°C to +40°C
Operating Humidity	Under 90% RH (no dew condensation should be produced)
Finish	Steel plate, black, 30% gloss
Dimensions	210 (W) × 44.7 (H) × 188 (D) mm
Weight	1.2 kg
Accessory	CD (PC Installation & Operation software programs, Instruction manuals)··1, Audio I/O removable terminal plug (3 pins)··2, Ferrite clamp··1, Control I/O removable terminal plug (9 pins)··2, Bracket mounting screw··8
Option	Rack mounting bracket: MB-15B-BK (for rack mounting one NX-100S unit) MB-15B-J (for rack mounting two NX-100S units) AC adapter: AD-246

Note: When you need the AC adapter, be sure to consult your TOA dealer.

## APPEARANCE



UNIT:mm SCALE:1/2