

DESCRIPTION

The NX-100 Network Audio Adapter can transmit high-quality audio signals and such control data as serial 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

(*1) 0 dB = 1 V

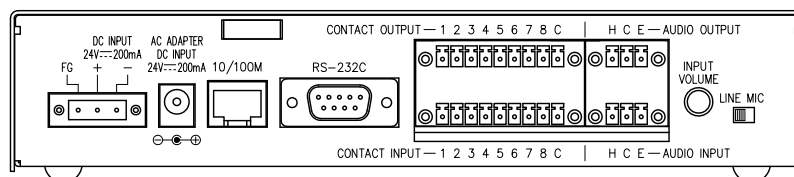
Power Source	24 V DC (removable terminal block (3 pins)) or AC adapter AD-246 (optional) or the equivalent
Current Consumption	200 mA (DC operation)
Audio Input	1 channel (transformer-isolated), -58 dB (*1) to 0 dB (*1), balanced (MIC/LINE changeable, volume adjustable with volume control), 2 kΩ, removable terminal block (3 pins)
Audio Output	1 channel (transformer-isolated), balanced, 600 Ω, removable terminal block (3 pins)
Frequency Response	50 Hz - 14 kHz (when sampling frequency is 32 kHz)
Distortion	0.3 % or less (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
Serial I/F	RS-232C (DCE I/F), D-sub connector (9P, male), 9600 bps - 115200 bps
Network Protocol	TCP, UDP, ARP, ICMP, HTTP, RTP, IGMPv1
Audio Packet Transmission System	Unicast (Up to 4 simultaneous transmissions), Multicast (Up to 64 simultaneous transmissions)
Operating Temperature	0 °C to +50 °C (0 °C to +40 °C when AC adapter is in use)
Operating Humidity	90 %RH or less (no dew condensation should be produced)
Finish	Steel plate, black, 30 % gloss
Dimensions	210 (W) × 44.7 (H) × 188 (D) mm
Weight	1.1 kg
Accessory	CD (PC Installation & Operation software programs, Instruction manuals) ...1, Power supply removable terminal plug (3 pins) ...1, Audio I/O removable terminal plug (3 pins) ...2, Control I/O removable terminal plug (9 pins) ...2, RS-232C connector cover (*2) ...1, Bracket mounting screw ...8
Optional Components	Rack mounting bracket: MB-15B-BK (for rack mounting one NX-100 unit) MB-15B-J (for rack mounting two NX-100 units) AC adapter: AD-246

(*2) Not supplied with the NX-100(US).

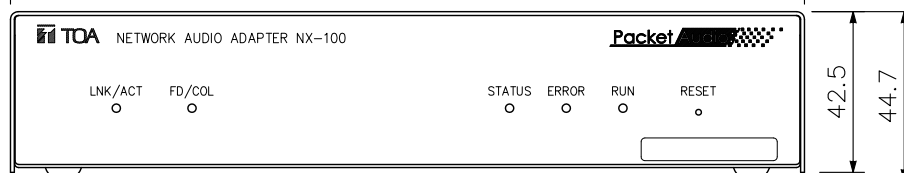
Note: When you need the AC adapter, be sure to consult your TOA dealer.

APPEARANCE

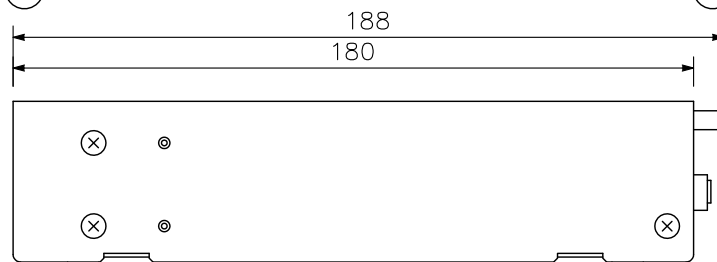
Rear View



Front View



Side View



UNIT:mm SCALE:1/2