

The NJR-AB08DAN transcodes audio signal directly between the IP-NINJAR and Dante protocol environments. Audio signal transport is enabled from NJR encoders to Dante devices and from Dante device to NJR decoders. The NJR-AB08DAN can receive up to four audio streams from IP-NINJAR encoders and output up to eight channels in Dante protocol. The bridge can also accept up to 8-channel audio from Dante sources, outputting IP-NINJAR protocol in up to four audio streams. Audio can be set from the NJR-CTB.

Please use this product with a combination of IP-NINJAR products.

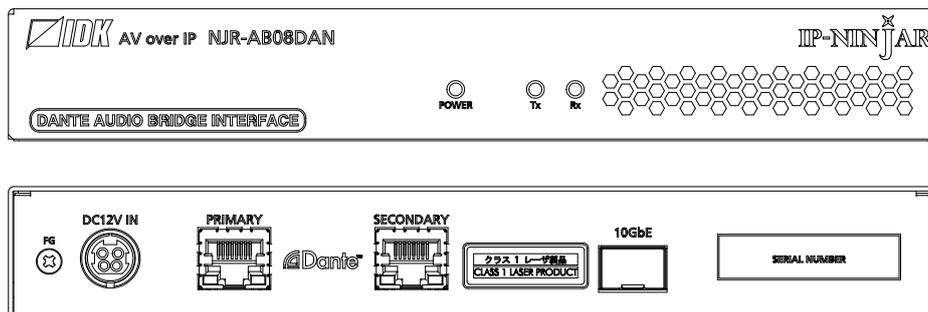
■ Specification

Item		Description	
Input	IP-NINJAR network audio	1 input Format: IP-NINJAR protocol Sampling frequency: 44.1 kHz to 192 kHz, Sample size: 24 bit Maximum audio stream: 4 streams Maximum audio input channel: 8 channels Connector: 2 LCs	
	Dante network audio	1 input Format: Dante protocol Sampling frequency: 44.1 kHz to 192 kHz, Sample size: 24 bit Maximum audio input channel: 8 channels Connector: 2 RJ-45s (Primary/Secondary) (*1)	
Output	IP-NINJAR network audio	1 output Format: IP-NINJAR protocol Sampling frequency: 44.1 kHz to 192 kHz, Sample size: 24 bit Maximum audio stream: 4 streams Maximum audio output channel: 8 channels Connector: 2 LCs	
	Dante network audio	1 output Format: Dante protocol Sampling frequency: 44.1 kHz to 192 kHz, Sample size: 24 bit Maximum audio output channel: 8 channels Connector: 2 RJ-45s (Primary/Secondary) (*1)	
Cable for extension	IP-NINJAR network audio	Cable	Duplex fiber cable SFP+ optical transceiver
		Transmission distances (*2)	Up to 984 ft. (300 m) (OM3 Multimode fiber), Up to 6.21 mi. (10 km) (OS1 Singlemode fiber)
	Dante network audio	Cable	CAT.5E HDC, Cat5e UTP/STP, Cat6 UTP/STP, Cat6A UTP/STP
		Transmission distances	Up to 328 ft. (100 m)
General	AC adapter	Input : 100 - 240 VAC ± 10%, 50 Hz/60 Hz ± 3 Hz Output : DC 12 V 3 A 36.0 W (A dedicated AC adapter is provided)	
	Power consumption	About 10 Watts	
	Dimensions	8.3 (W) × 1.2 (H) × 3.9 (D)" (210 (W) × 30 (H) × 100 (D) mm) (Half rack wide, thin type) (Excluding connectors and the like)	
	Weight	1.5 lbs. (0.7 kg)	
	Temperature	Operating : 32°F to 104°F (0°C to +40°C) Storage : -4°F to +176°F (-20°C to +80°C)	
	Humidity	Operating/Storage: 20% to 90% (Non Condensing)	

*1 These RJ-45 connectors are only for Dante format.

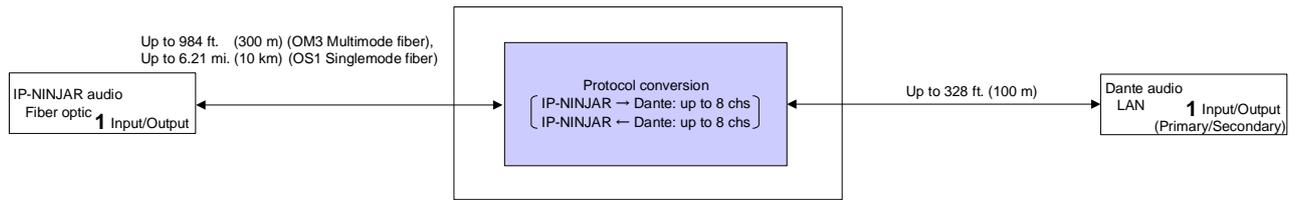
*2 Only if the SFP+ optical transceiver sold by IDK is used, signals can be transmitted to the mentioned maximum transmission distance. If using other SFP+ optical transceiver, check the compatible fiber and maximum distance of the SFP+ optical transceiver.

■ Front & Rear Panels



● All specifications and drawings are subject to change without notice. ● Please do not use the supplied AC adapter and power supply cable for other products. ● Audinate® is a registered trademark of Audinate Pty Ltd. Dante® is a registered trademark of Audinate Pty Ltd. ● The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. in the United States and other countries. ● IP-NINJAR is a registered trademark of IDK Corporation in Japan. ● All other company and product names mentioned in this document are either registered trademarks or trademarks of their respective owners. In this document, the ® or ™ marks may not be specified. ● ©2019 IDK Corporation, all rights reserved.

■ Diagram



[Features]

■ Audio

- Transcoding audio signal between IP- NINJAR and Dante protocols
- Receiving up to four (4) audio streams from IP-NINJAR encoders and outputting as Dante protocol up to eight (8) channels
- Receiving up to 8-channel Dante audio from Dante devices and outputting as IP-NINJAR protocol up to four (4) audio streams
- Dante audio can be embedded to HDMI signal at IP-NINJAR decoder
- Dante audio can be de-embedded to analog audio signal at IP-NINJAR decoder

■ Network

- Controllable through network using NJR-CTB