

Networked Audio Transceiver

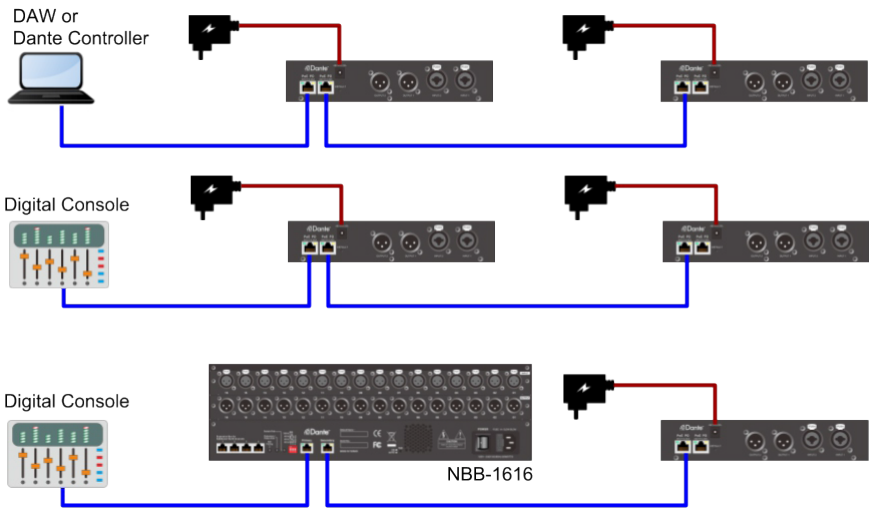
NBB-0202



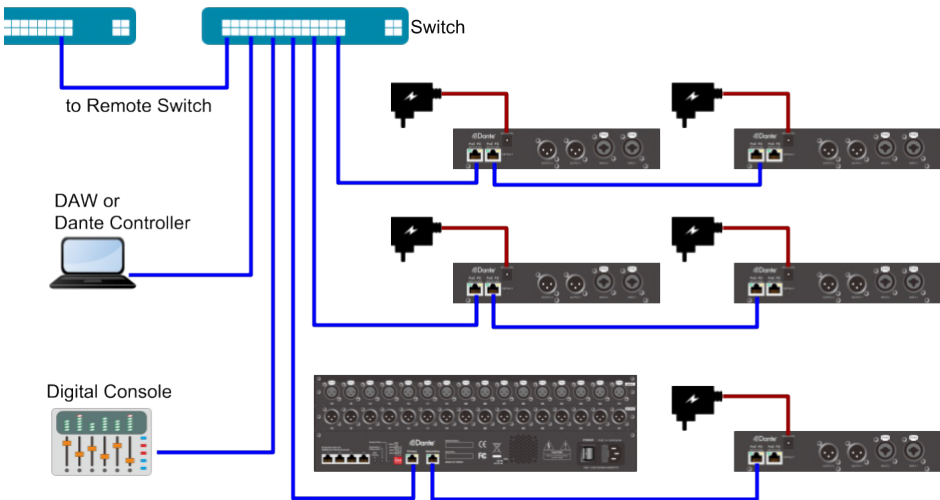
- Dante-enabled networked Audio Receiver and Transmitter
- Streaming audio in robust standard Ethernet cable (a.k.a., Digital Snake)
- Easily organize and expand network topology with Ethernet switches
- Uncompressed 24-bit PCM coding with sample rate up to 96KHz
- Two RJ-45 ports make Daisy-chain cascading feasible
- Powered by either PoE or 48V adapter
- Gain or Attenuate control for each channel
- Phantom power engagement control per input channel
- Signal clip indicators for both inputs
- XLR Combo sockets for both XLR and TRS phone plugging
- Routing and other configuration are set with Dante Controller software
- Rackmount kit included

Applications:

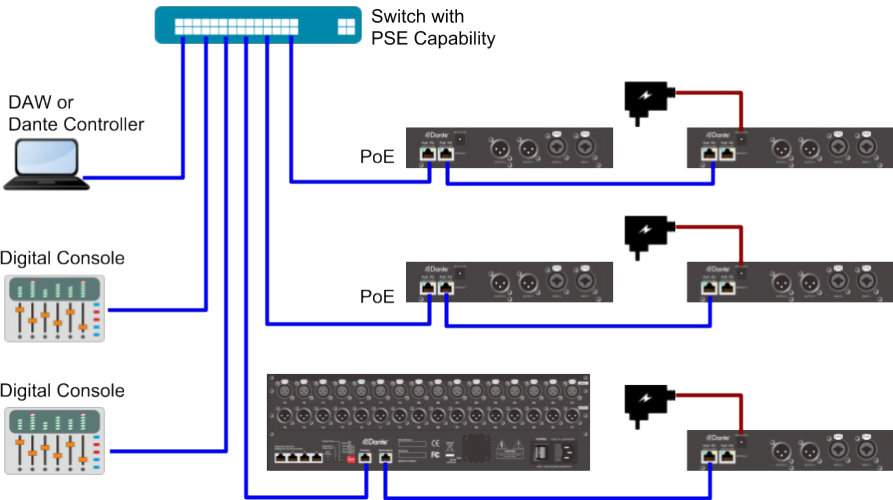
Direct Connecting to Notebook or Console



Connecting via Ethernet Switch



Connecting via Switch with PoE PSE Capability



SPECIFICATIONS

NBB-0202

Channel Capacity	Input: x2	Frequency Response	20Hz ~ 20KHz ±0.5dB
	Output: x 2		
Audio Connector	Input: XLR/TRS Combo	S/N Ratio	> 100dB @0dBFS for Inputs & > 110dB @0dBFS for Outputs
	Output: XLR		
Level	24dBu max.	THD + Noise	< 0.003% @-10dBFS for Inputs & < 0.002% @-10dBFS for Outputs
Clip Indicator	x2 for Input		
Gain/Volume Control	Input Gain: 60dB Rotary	Dynamic Range	> 100dB for Inputs & > 110dB for Outputs
	Output Volume: -20dB Rotary		
+48V Phantom Power	ON/OFF per Input	Crosstalk	< -100dB @10KHz for Inputs & < -120dB @10KHz for Outputs
Digitized Scaling	0dBFS @24dBu		
Encoding	Uncompressed 24-bit PCM	Powered by Adapter	48VDC, 0.25A (rated)
Sample Rate	44.1KHz / 48KHz / 96KHz	Powered by PoE	55VDC, 0.25A (rated)
Ethernet	x2 Gigabit RJ45 Ports	Power Consumption	< 6Watts
Networking Mode	Switch Mode (a.k.a. Daisy-chain Mode)	Operation Temperature	0 ~ 45°C
Audio Latency	< 2ms typical	Operation Rel. Humidity	0 ~ 90%
Audio Flows	x2 (unicast + multicast)	Construction	Metal Chassis with Aluminum Front Panel
Node to Node Distance	100m with Cat.5e Cable	Dimensions (HxWxD)	44mm x 220mm x 130mm
		Weight	840g

《The above information is subject to change without notice.》
《All the above test result are measured with no signal weighting.》