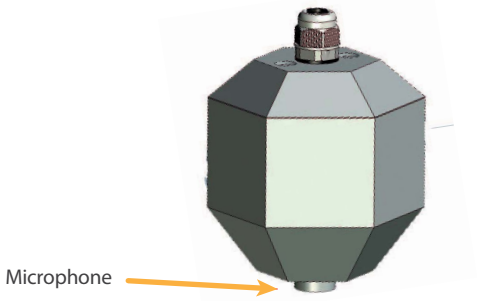
DNM-485 / DNM-ENET

RS485 / Ethernet Digital Noise Sensing Microphone

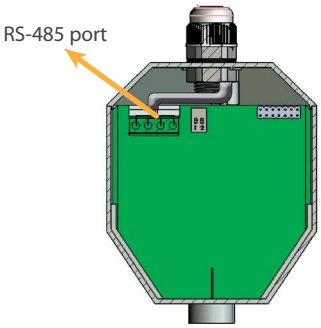
With built-in Electronic Condenser microphone(omni-directional), DNM enhances the ability to detect the surrounding background noise. With the 0 dB modulation through the Audio Processor, DNM component provides the Automatic Gain Control feature and automatically adjusts the output level of loudspeaker under any situation.



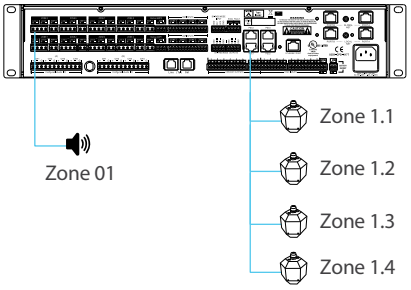
MAIN PROPERTIES

RS485 or Ethernet interface including POE(power on Ethernet)	
Built in Electronic Condenser microphone(omnidirectional)	
Microphone input(1kHz):	-40 dBu
Storage temperature:	-40° to +80° C
Operation temperature:	0° to +55° C
Connectors	
Ethernet port:	CAT-5 cable
RS485 port:	5.08 mm EURO block(4Pin)
Include 24 VDC power:	18~30 VDC
Include RS485 of baud rate:	38400 bps @600M
Microphone:	Omnidirectional
Power	
Power supply:	20VDC power supply (if no POE available)
POE input:	Conform IEEE 802.3af
EURO block input:	18~30 VDC
Electrical Characteristic	
Seneitivity range:	(60~130dBA), ±5 dBA
THD:	<0.2%
Equivalent:	-80 dBu 50~16 kHz@600Ω
THD+N @ dBu:	0.2% 50~16 kHz
Frequency response:	-10 + 1 dBu 50~16 kHz@0 dBu, sample rate= 48 k
Sampling rate:	48 kHz only 1 selection
*The difference between 1kHz and the frequency of maximum value	
Mechanical Characteristic	
Dimensions:	Hexagonal cylinder: 100 mm(W) x 130 mm(H)
The system is designed to meet EN54/16 and BS5839/8 reaulatioins	
TUV	
UL EMC:	
CE/EMI:	
EN 55013/CISPR13	
CE/EMS:	
EN61000-4-2(ESD)	

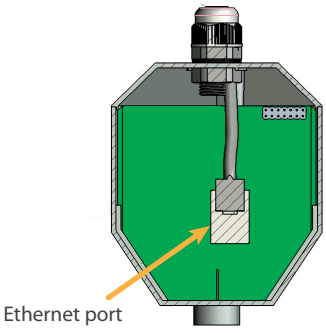
DNM-485



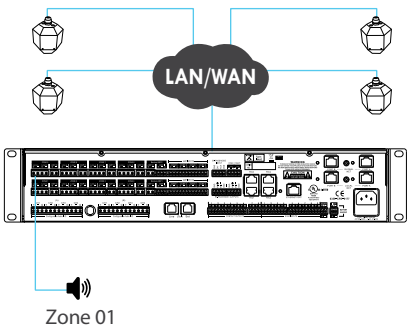
SYSTEM STRUCTURE



DNM-ENET



SYSTEM STRUCTURE



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