ATEÏS

DNM-485 / DNM-ENET

RS485 / Ethernet Digital Noise Sensing Microphone

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

Senitivity 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)

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.
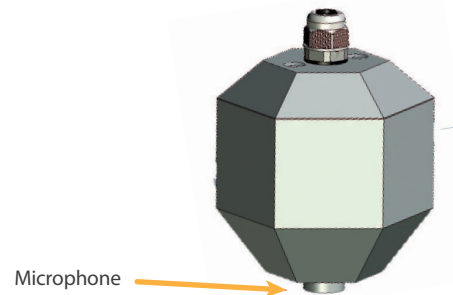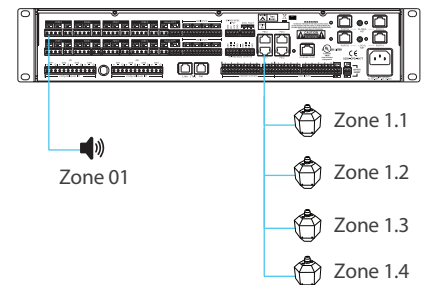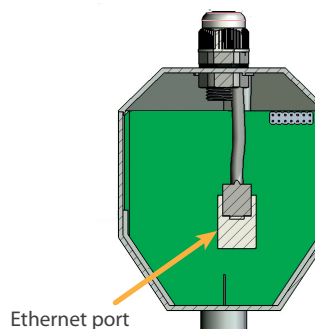

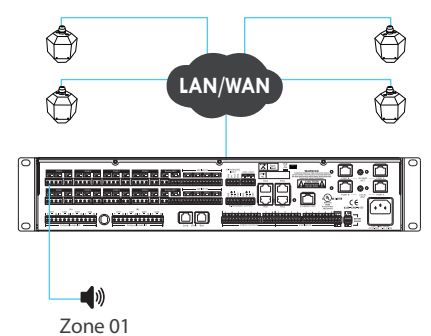Microphone

DNM-485

RS-485 port

SYSTEM STRUCTURE

Zone 01

Zone 1.1
Zone 1.2
Zone 1.3
Zone 1.4
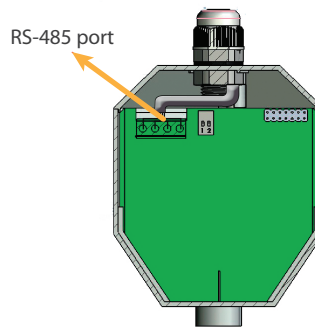
DNM-ENET

Ethernet port

SYSTEM STRUCTURE

LAN/WAN

Zone 01

Manufacturer reserves the right to alter specifications without notice