COMPACT
REMOTE MIC LINE-UP

RM-6800/RM-N3000/RM-VA1000



SYSTEM REMOTE MIC STATION

interM



OVERVIEW

Inter-M's compact remote MIC series offer three line-up for easy operate as per environment. RM-6800 is a system remote MIC station which can use with 6000system(1bus, 8bus and analog) and NPX system. RM-N3000 is a network-enabled remote microphone station, making broadcasting through the digital network possible with NCS. RM-VA1000 is a Dante™ based remote MIC station which can be used with "EVAMATRIX", audio matrix device for EN54. In addition, user can easily set option, select zone and broadcast with high resolution OLED, 10 KEY button on front panel.

FEATURE

- Remote MIC for paging broadcasting to each zone
- MIC/external input (AUX) selectable broadcast
- Automatic chime broadcasting
- Configurable 5 Preset buttons
- Output LEVEL METER LED
- Audio output via built-in speaker
- DC 24V (adapter available)
- Supporting Dante™ / AOE streaming
- Supporting 100 / 1000Mbps
- Supporting DHCP, STATIC IP
- Supporting network bonding

◆ RM-6800

Remote MIC compatible with analogue and digital public address system



RM-6024
6000 SYSTEM

RM-6016
6000 SYSTEM

NRM-8000A
NPX SYSTEM



RM-6800

◆ RM-N3000

Network remote MIC with integrated control (NCS)



Network Connecting System
(NCS)

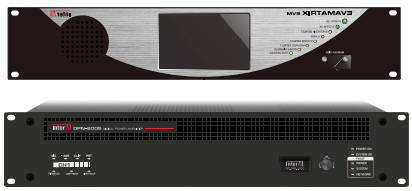




RM-N3000

◆ RM-VA1000

Dante™ based remote MIC for uncompressed lossless audio transmission



EVAMATRIX





RM-VA1000

» Front Panel



1 GOOSENECK MIC INPUT TERMINAL

Terminal for a gooseneck MIC

2 SHORTCUT BUTTONS TO CALL PRESETS

Buttons to call 1~5 presets

3 SELECT BUTTON(10 KEY)

0~9 Numeric keys / *, # Key

4 TALK BUTTON

Start / Stop broadcasting

5 FUNCTION BUTTON

Menu, Preset, Chime, All Zone On/Off

6 OLED DISPLAY

Displays operating status, paging zone, and menu

7 AUDIO LEVEL METER

Displays the output level

8 STATUS LED

Indicates the status of the device, such as power, busy, and fault

9 VOLUME

Knobs to adjust the volume of each MONITOR, AUX, and CHIME

» Rear Panel

RM-6800

6000 NPX 160 Zone



- 6000 system Remote MIC (1 bus / 8 bus, analog)
  Optional use for NPX-8000
- Macro broadcasting max 160 Zone
- 10 KEY system, Multizone broadcast function
- Automatic chime broadcasting

RM-N3000

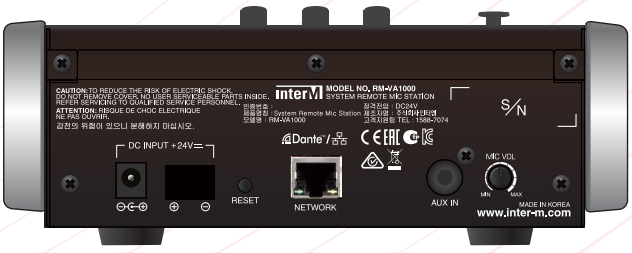
NCS AOE 1024 Zone



- Broadcasting through the digital network with NCS
- Macro broadcasting max 1024 Zone
- Support STATIC/DHCP
- 100/1000 Network
- Support network bonding
- Power supply using POE

RM-VA1000

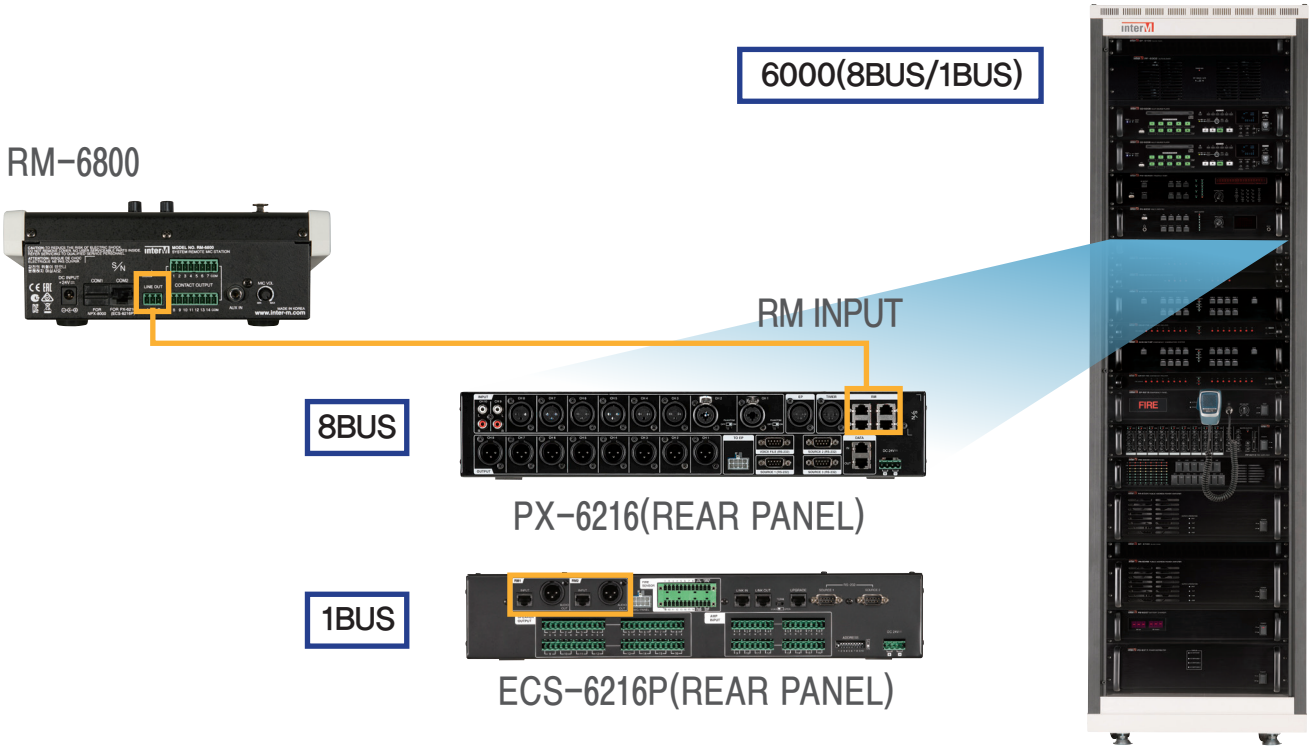
EVA EN54 Dante SPOKEN HERE 1024 Zone



- Dante™ PAGING MIC
- Macro broadcasting max 1024 Zone
- Can connect with EN 54-16 EVAMATRIX
- 100/1000 Network

» RM-6800 Analog, digital public address system remote MIC

◆ How to connect with 6000 1 bus / 8 bus remote broadcasting



- RM-6800 remote MIC can be used as same as the RM-6024.
- Each remote MIC can select 48 zone or set macro function by front 10 KEY.
- RJ-45 type LAN cable is connected to RM input terminal of PX-6216 (ECS-6216P in 1-bus system), and transmission is possible up to 1km.

Incorrect connection between the NPX-8000 and the PX-6216 terminal may cause a malfunction.

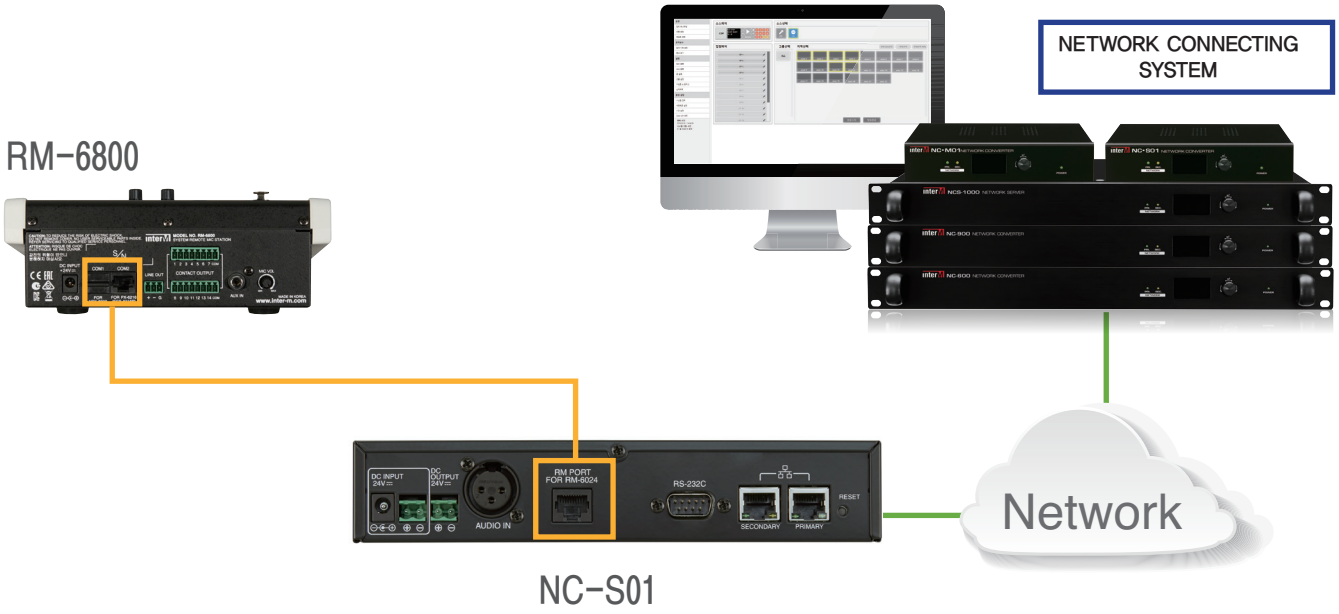
◆ How to connect with 6000 analog remote broadcasting

- The RM-6800 remote MICrophone can be connected to the 6000 analog system through the contact closure terminal.
- The audio output is connected to the remote input of EP-6216 and 14 contact closure outputs are connected to the contact closure terminal of PX-6116.



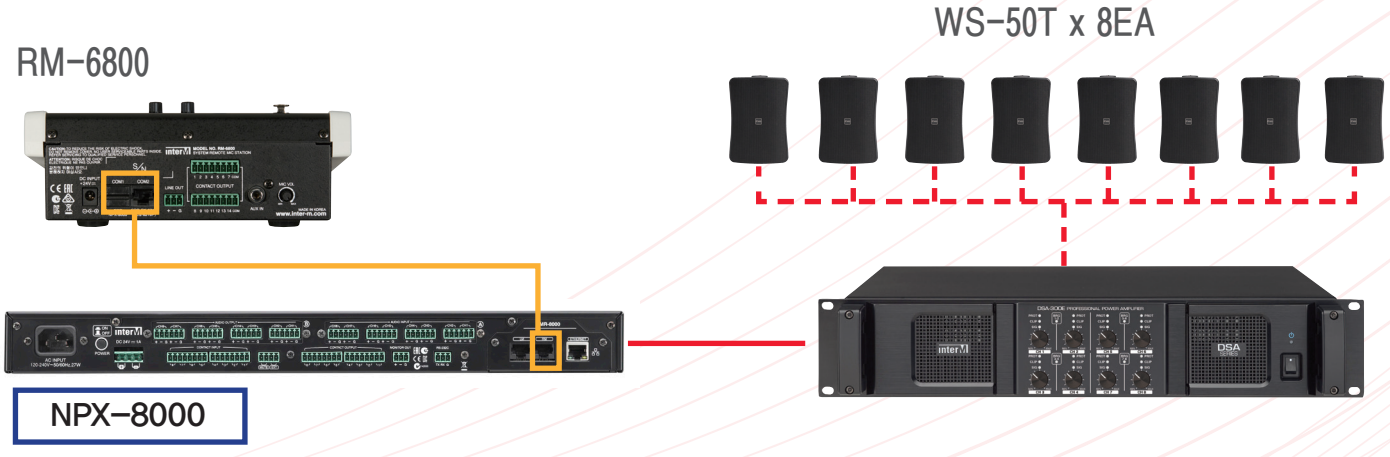
◆ How to connect with Network connecting system(NCS)'s NC-S01 converter for remote broadcasting

- The RM-6800 remote MIC can be connected to the NCS system for network remote broadcasting.
- RM-6024 connection mode of RM-6800 and NC-S01 allows network and broadcasting area selection.



◆ How to connect with NPX-8000 system for remote broadcasting

- When NPX-8000 is connected to CAN communication terminal, remote broadcasting is possible.
- Be careful not to connect to NETWORK terminal or NLM terminal when connecting.



» RM-N3000

Remote microphones for network with integrated control (NCS)

◆ How to connect dedicated remote (RM-N3000) with network (NCS)

- RM-N3000 can be connected to the NCS networkthrough the rear network terminal without any converters.
- Even if the first network fails, stable broadcasting is possible to the second network due to network redundancy.



» RM-VA1000

Remote microphone for Dante™ network with EN54 compliance

◆ How to connect Dante™ Remote (RM-VA1000) with the network

- The RM-VA1000 can be connected to a network switch via Dante™ network terminal.
- Dante™ Controller makes it easy to find and connect devices on the network.



» SPECIFICATION

◆ RM-6800

		RM-6800
Audio specification		
MIC	Input sensitivity	-50dBV
	S/N(<22kHz LPF)	More than 70dB
	THD(<22kHz LPF)	Less than 0.1%
	Frequency response 100Hz ~ 18kHz	0dBV ± 3dBV
AUX	Input sensitivity	-10dBV
	S/N(<22kHz LPF)	More than 80dB
	THD(<22kHz LPF)	Less than 0.1%
	Frequency response 100Hz ~ 18kHz	0dBV ± 3dBV
Data communication		
RM-6024 MODE	Communication	RS-422
	Communication distance	MAX : 1km
NRM-8000A MODE	Communication	CAN (Controller Area Network)
	Communication distance	MAX : 300m
RM-6016 MODE	Communication	Contact
	Speaker Control Circuit Number	14CH
General specification		
Operating temperature		-10°C ~ +40°C
Power source		DC 24V (When using with NRM-8000A MODE, DC 40V)
Power consumption		MAX 10W
Weight(SET)		1.29kg
Dimensions(SET)		200(W) x 73(H) x 206(D)mm

» SPECIFICATION

◆ RM-N3000

		RM-N3000
Audio specification		
MIC	Input sensitivity	-50dBV ± 3dB
	S/N (<20kHzLPF, A-wt)	More than 65dB
	THD (<20kHzLPF)	Less than 0.1%
	Frequency response 100Hz ~ 18kHz (Input: -50dBV, 1kHz)	0dB ± 3dB
AUX	Input sensitivity	-10dBV ± 3dB
	S/N (<20kHzLPF, A-wt)	More than 75dB
	THD (<20kHzLPF)	Less than 0.1%
	Frequency response 100Hz ~ 18kHz (Input: -10dBV, 1kHz)	0dB ± 3dB
Data communication	Network communication	100/1000 B ase-t (RJ-45)
Operating temperature		-10°C ~ +40°C
Power source		DC24V
Power consumption		MAX 10W
Weight(SET)		1.29kg/2.84lb
Dimensions(SET)		200(W) x 73(H) x 206(D)mm/ 7.87(W) x 2.87(H) x 8.11(D) in

◆ RM-VA1000

	RM-VA1000
RM LINK PORT communication method	Ethernet Network Communication(100M/1G)
Operating temperature	0˚C ~ +40˚C

» MEMO

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※ Design and specification are subject to be changed for the improvement of product quality without pre notice.

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