

Inter-M Network Broadcasting System

IPA-10 SYSTEM



Changes in the built environment and Safety awareness, Advances in network technology

Over the past 20 years, more large and high-rise buildings have been created along with changes in the built environment, and a system that integrates more buildings and a system for a single building needs to be simplified.

Analog systems are increasingly lacking in meeting market demands, and furthermore, when introducing overseas emergency broadcasting system specifications, it is difficult to respond, so there are cases in which expensive foreign digital network products have to be replaced.

Inter-M has been preparing for a long time to meet these various needs, and has released an IPA system that can transmit audio & data anywhere that can access the network.

The IPA system can transmit high-quality audio in real time by using TCP/IP Ethernet network when constructing medium/large-scale broadcasting facilities where the distance of audio & data line installation occurs.



Small and medium-sized broadcasting network system



IPA-10 SYSTEM

It is a digital network system suitable for single buildings and small and medium-sized buildings, and it is a system developed to make an economical choice in 1 BUS environment by miniaturizing the functions of IPA-100.

Optimal digital network broadcasting system



It is a digital network system that can replace 1 BUS 6000 system. The IPA-10 system replaces all functions provided by the existing analog system and provides an optimal broadcasting environment with more additional functions. In addition, by condensing the functions of 8 devices into 3 devices, it boasts simple installation and high space efficiency. Any place equipped with network infrastructure, which is an advantage of digital network equipment, can freely install equipment without space limitations.

Easy and convenient operation

IPA-10 provides a web-type GUI so that it can be easily operated anytime, anywhere through the network. The intuitive GUI makes complex system settings and operations simple and easy for operators to use. A network switch is built into the device, so it can be connected and used without a separate switch device.

- Easy setting/operation of annual scheduler (TTS broadcasting)
- Simple zone control with the zone control buttons on the IPA-R10
- Real-time broadcasting status can be easily checked with the LED on the front of the IPA-T10

Scalability of IPA-10

In the existing matrix, the hardware connection is fixed, but the network method is a system that can be configured without deterioration of sound quality simply by connecting to the network regardless of location.

IPA-10 is a network system that responds to the 6000 1 BUS market. Conventionally, when configuring a broadcasting system in a distributed building, multiple devices must be installed in one location, but IPA-10 uses a network, so equipment can be freely distributed and installed regardless of location.



[IPA-10]

- Integrated WEB GUI (PC and mobile control)
- Scheduler (TTS Support) Broadcasting
- Built-in network switch (4port)
- Use up to 16 remote microphones

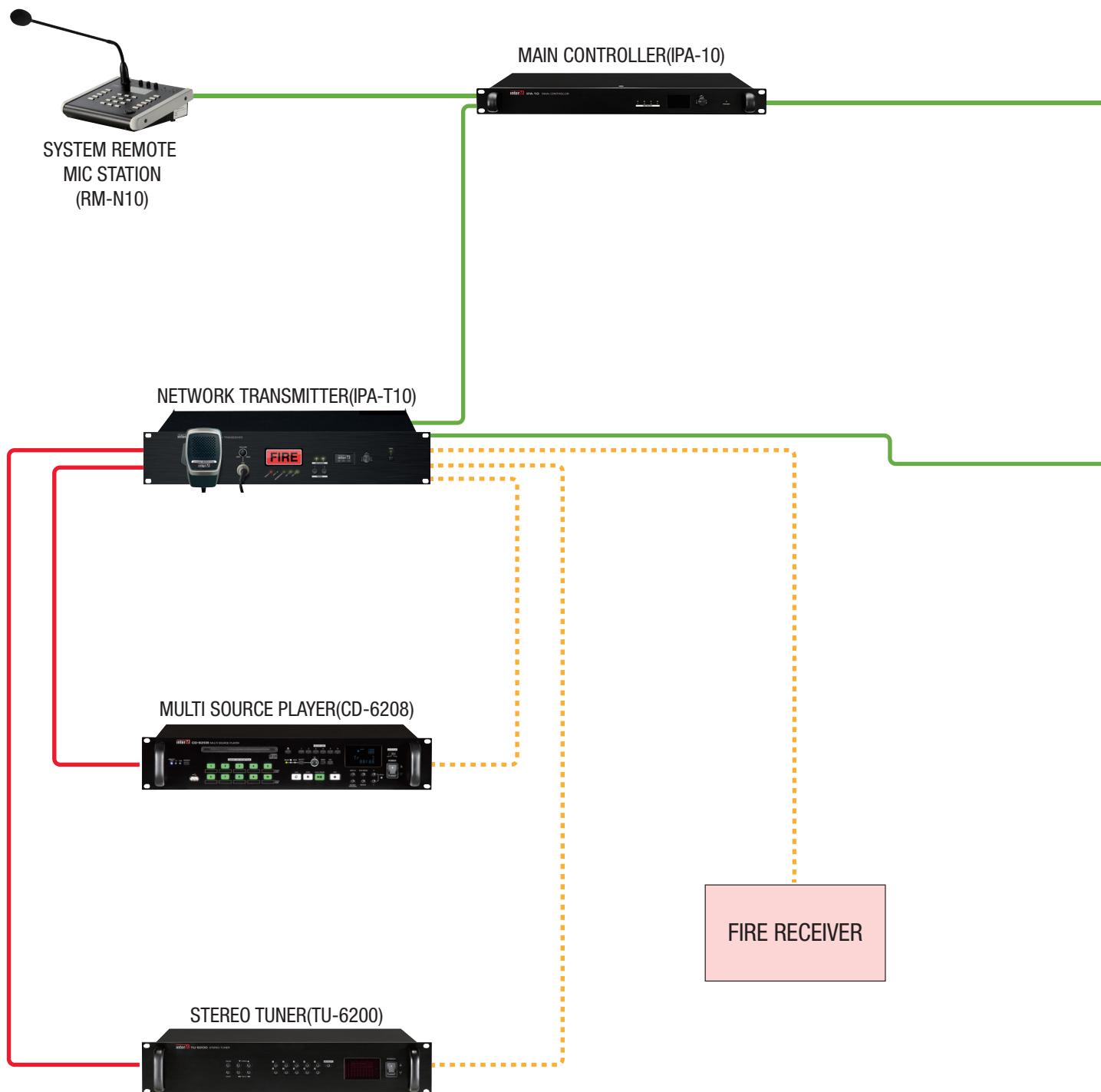
[IPA-T10]

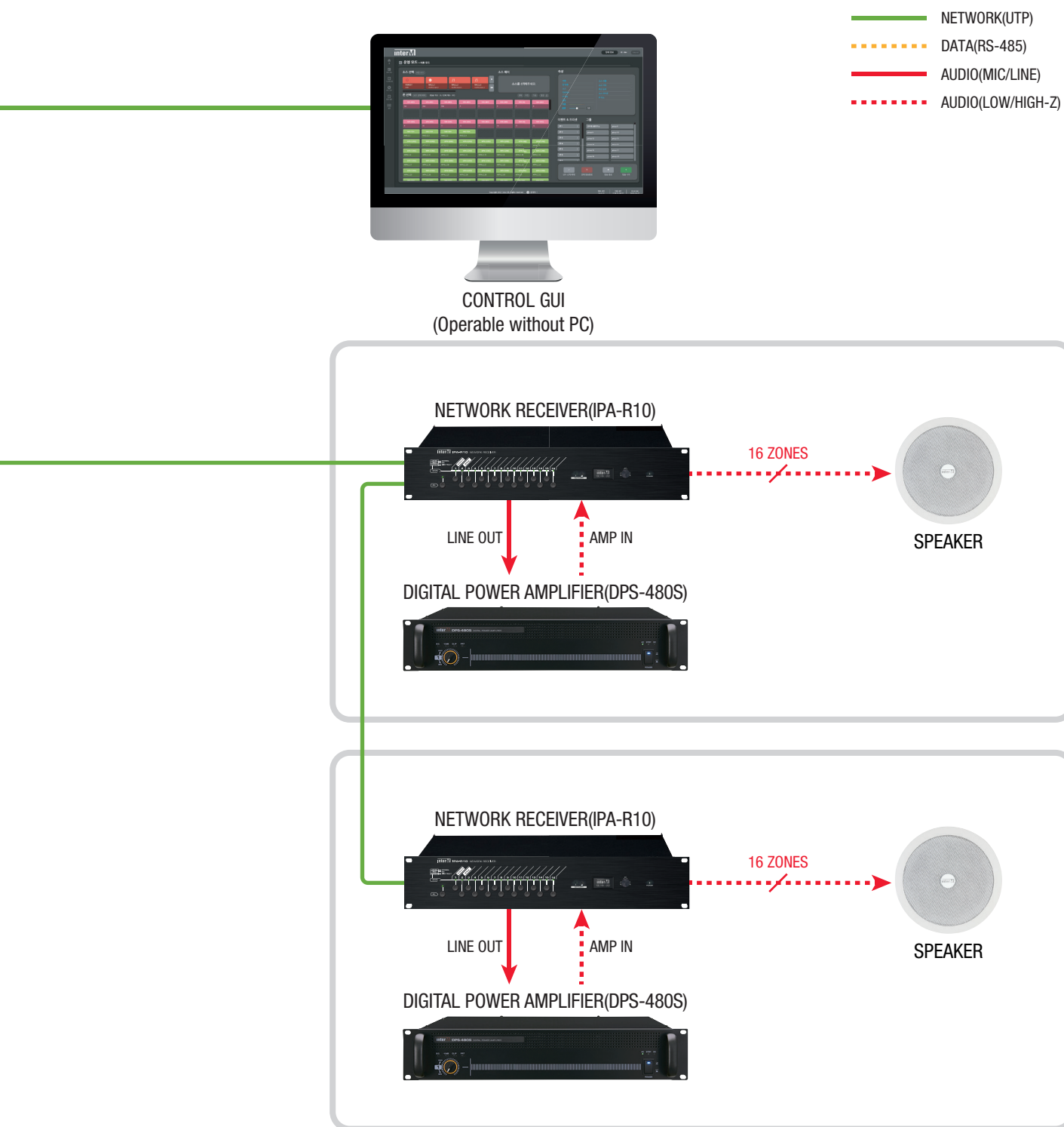
- General/emergency sound source transmission and PPT microphone transmission
- RS-232 (sound source control), RS-422/485 (R-type fire reception)
- 16 contact inputs/outputs each

[IPA-R10]

- Sound source reception, zone selector, relay group, line checker all-in-one equipment
- Expandable up to 80 zones (5 units)
- Network audio reception and audio output 1 channel
- 16 amplifier inputs and 16 speaker outputs
- 16 contact inputs (fire reception)
- Built-in speaker output and line checker
- Network decentralized system

Application





Product Line Up

IPA-10

Main Controller



IPA-10 : Control Server

As a server that controls the IPA-10 system, it is equipped with an integrated WEB GUI and has scheduler and TTS functions.

IPA-T10

Network Transmitter

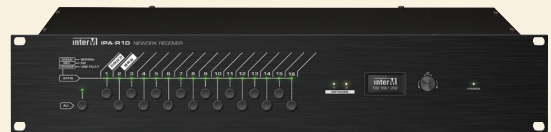


IPA-T10 : Input and Transmitter

The built-in emergency broadcasting sound source is transmitted through fire signal and contact input, and broadcasting status can be checked directly on the front panel.

IPA-R10

Network Receiver



IPA-R10 : Receiver

It receives the sound source and control signal sent from the IPA-T10 through the network, transmits it to the amplifier, receives and controls the fire contact point, and intuitively controls 16 zones through the LED on the front panel. (Built-in line checker function)

RM-N10

Network System Remote Mic Station



Paging broadcast

You can make announcements by selecting a broadcasting area using the remote microphone or by selecting a predefined broadcasting group.

- Can be used up to 16 units
- High-quality signal transmission using AOE network audio

Product Matching Table

Configuration	6000(1 BUS) System	IPA System
CONTROL GUI	Operating PC (S/W)	IPA-10
WEEKLY PROGRAM TIMER	PW-6242A	
MULTI VOICE FILE	PV-6242A	
REMOTE MIC	RM-6024	RM-N10
EMERGENCY PANEL	EP-6216	IPA-T10
FIRE SENSOR RECEIVER	ES-6132R	
AUDIO OVER ETHERNET	AOE-N300	
EMERGENCY COMBINATION SYSTEM	ECS-6216P/S	IPA-R10
SPEAKER LINE CHECKER	SC-6216C	
AUDIO OVER ETHERNET	AOE-N300	



Inter-M Corp. (IMK)

719, Dobong-ro, Dobong-gu, Seoul, Korea
Overseas Sales Team

Tel_ +82-2-2289-8141~7 Fax_ +82-2-2289-8149 E-mail_ overseas@inter-m.com

www.inter-m.net

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

2023. 2. V1