

Operation Manual

(Webpage Setting)

Receiver for AOE

RFA-102



interM

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Webpage Setting

I. Initial Web network setup

① INITIAL SETTING INFORMATION OF THE NETWORK EQUIPMENT

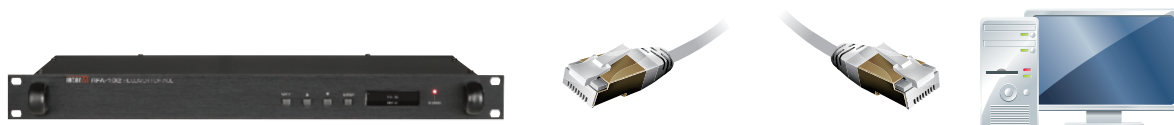
DHCP	NO	IP Address	192.168.1.99
Netmask	255.255.255.0	Gateway	192.168.1.1
DNS1	192.168.32.130	DNS2	192.168.32.132

② REQUIRED EQUIPMENTS

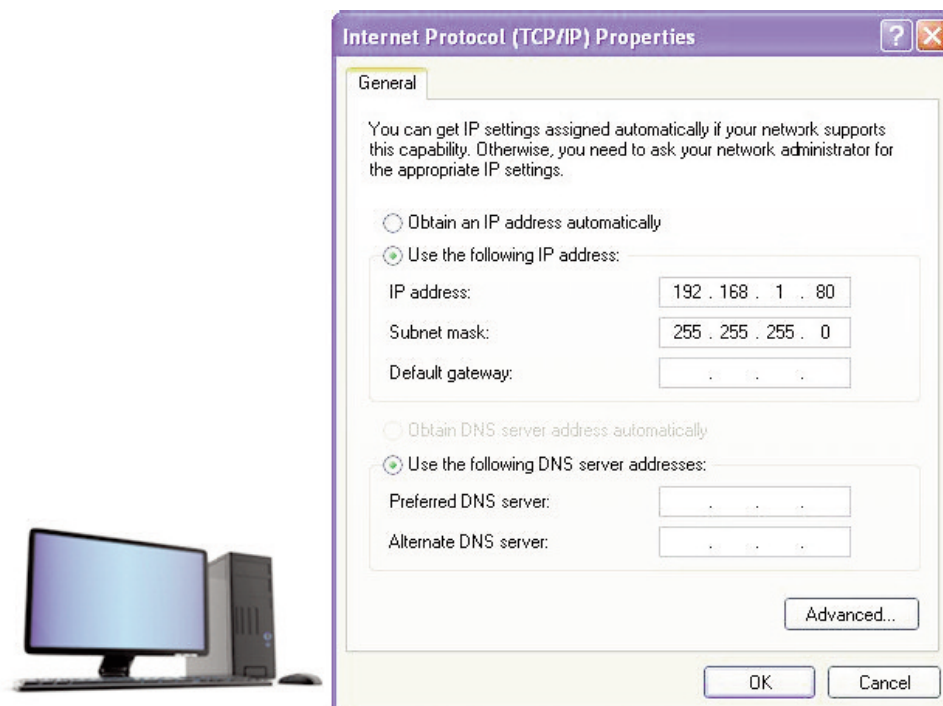
- Use any network and browser enabled device such as a PC or tablet to connect to the Web browser of the RFA-102.

③ HOW TO SET UP

- Connect the RFA-102 to a network and browser enabled device using a straight or cross network cable.
- You can also connect via a network router or switch.



- Set the network configuration of the RFA-102 and the network device.



- ※ Disable the wireless network if your.
- ※ Contents of this Operation Manual are subjected to be changed by revision of firmware, please refer to www.inter-m.com/en for latest one.

- d. From the network device browser (Internet Explorer, Chrome, etc) enter the IP address of the RFA-100 in address bar of the internet browser.



Problems connecting?

- ① Make sure the cable is in good working order.
- ② Make sure that you are able to "ping" the RFA-102 from the network device.
(If there is no response, rework the network configuration)
- ③ Make sure equipment is turned on.

- e. When prompted to enter the access ID and password, enter the initially set values.
(userid: admin, password:1)
- f. Click the Network Settings menu in the left Navigation pane to configure the network setting of the RFA-102.

II. Main Menu Screen



Above is Default screen view when first connected to the Web page of the equipment.

- ① Device name.
- ② Select language of the web pages. (Korean / English)
- ③ Displays the information of web connected device. (Device Name/Device IP/Web Version)
- ④ Navigation menu pane.
- ⑤ When a topic is selected in any area, the content of that topic appear in this area.

II. 1 RFA-Connection Setup

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RFA-102

Language : English

admin [logout] / RFA-102 / 192.168.1.73 / Version : 1.0.0.6

RFA-CONNECTION setup

Audio Client	Selection of transmission method	<input checked="" type="radio"/> Unicast <input type="radio"/> Multicast
	Selection of redundancy operating	<input checked="" type="radio"/> Main server operating <input type="radio"/> Secondary server operating
	Selection of buffering time	0 Seconds
	Settings of server information	Main server IP: 192.168.1.77, port: 5454
	Server operation status	<input type="radio"/> Start <input checked="" type="radio"/> Stop

Apply Initialize

*** Help&Tips**

- Can connect to the Server running AOE.

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Above is a screen display when "RFA-Connection Setup" menu is clicked.

- ① Select transmission method for reception. The product operates when set same with mode of the server device (AOE-212N)
- ② Select secondary server to configure the redundancy of the streaming server. The product connects to the sub server when disconnected due to having problems with the main server.
- ③ Select buffering time when first accessed. The initial value is set to 0 seconds. A smaller value reduces the wait time or latency, whereas the larger the value the longer is the wait time or latency. A higher buffer ratio will increase the stream stability and reduce dropouts usually related to network traffic.
- ④ Select IP address and port number of the main server. By selecting dual server operation of ②, inserting IP address and port number of the sub server is available.
- ⑤ Select <Start> to connect the Main-Server and begin streaming and select <stop> to end streaming.
- ⑥ Click [Apply] button to apply the modified setting.
Click [Initialize] button to reset to the previous data setting.
- ⑦ Displays Help & Tips on RFA-Connection Setup.

II. 2 RFA-Contact closure Setup

RFA-102

Language: English

admin [logout] / RFA-102 / 192.168.1.99 / Version : 1.0.0.9

RFA-Contact closure Setup

Selection of contact closure operating	<input type="radio"/> Active <input checked="" type="radio"/> Inactive It sets the state of contact closure services.										
Selection of contact closure control point	1 This sets the contact closure point that will be received from the server.										
Selection of contact closure resetting	<input type="radio"/> Active <input checked="" type="radio"/> Inactive Reset stands for the default of contact closure when the service stops.										
Selection of contact closure delay	<input type="radio"/> Active <input checked="" type="radio"/> Inactive 0 Seconds 0 MSeconds In case the contact closure activates, the operating of contact closure delays. Maximum delay up to 9 seconds 900 milliseconds.										
Selection of secondary operating	<input checked="" type="radio"/> Main server actives <input type="radio"/> Secondary server actives It describes the prevention of downtime of service and dispersion of service load. When the main server breaks down, it switches to the redundancy server.										
Selection of operating information	<input checked="" type="radio"/> Default information <input type="radio"/> Change information <table border="1"> <tr> <td>Main server IP address</td> <td>192.168.1.99</td> <td>Port</td> <td>5457</td> </tr> <tr> <td>Secondary server IP address</td> <td>192.168.1.99</td> <td>Port</td> <td>5457</td> </tr> </table> <p>IP address - Connect to the server with the preset IP address to connect server Port - Put the port number related to the server to connect.</p>			Main server IP address	192.168.1.99	Port	5457	Secondary server IP address	192.168.1.99	Port	5457
Main server IP address	192.168.1.99	Port	5457								
Secondary server IP address	192.168.1.99	Port	5457								

Apply Initialize

Above is a screen display when “RFA-Contact closure Setup” menu is clicked.

- ① Select contact service operation status.
- ② Selecting contact control number for reception of contact information is accessible with sub device. Only within the selected contact control number, the command is applied.
- ③ Reset stands for the default of contact closure when the service stops.
- ④ In case the contact closure activates, the operating of contact closure delays. Maximum delay up to 9 seconds 900 milliseconds.
- ⑤ It describes the prevention of downtime of service and dispersion of service load. When the main server breaks down, it switches to the redundancy server.
- ⑥ IP address: Connect to the server with the preset IP address to connect server.
 Port: Put the port number related to the server to connect.
- ⑦ Click [Apply] button to apply the modified setting.
 Click [Initialize] button to reset to the previous data setting.
 ※ Audio cannot be played when contact signal is received from set contact number.

II. 3 Network Setup

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RFA-102

Language: English

admin [logout] / RFA-102 / 192.168.1.73 / Version : 1.0.0.6

Setup network configurations

MAC address	00:1D:1D:01:0B:6B		
Host name	RFA-102		
IP address	<input checked="" type="radio"/> Dynamic IP assignment from DHCP Server <input type="radio"/> Manual Setting		
	IP address	192.168.1.99	
	Subnet Mask	255.255.255.0	
	Gateway	192.168.1.1	
	DNS 1 Server	168.126.63.1	
	DNS 2 Server	168.126.63.2	

Apply Initialize

*** Help&Tips**

- It configures the way for system to connect to Internet.
- If the IP Address changes Please access the web page again.
- Space cannot be included in the host name.
- The character of the host name must be an alphabet or a digit!

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Above is a screen display when “Network Settings” menu is clicked. In this display, MAC address, IP information, host name can be seen and be changed.

- ① The MAC address of the device is displayed.
- ② Host name of the configured device is displayed and can also be modified.
- ③ Displays the IP information as applied to the device and the user can modify the IP information.
- ④ Click [Apply] button to apply the modified setting.
Click [Initialize] button to reset to the previous data setting.
- ⑤ Displays Help & Tips on Network setup.

II. 4 Time Setup

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RFA-102

Language : **English** ▼

admin [logout] / RFA-102 / 192.168.1.73 / Version : 1.0.0.6

Time and Date Setup

Time Zone	(GMT+09:00) Seoul ▼
Current Time	15.07.2015 / 15:14:34
Time Setup	<p><input type="radio"/> Manual Setup</p> <p>2015 year 07 month 15 day</p> <p>15 hh 14 mm 33 ss</p> <p><input checked="" type="radio"/> Automatic time synchronization</p> <p>Server address time.bora.net</p> <p>Apply</p>

*** Help&Tips**

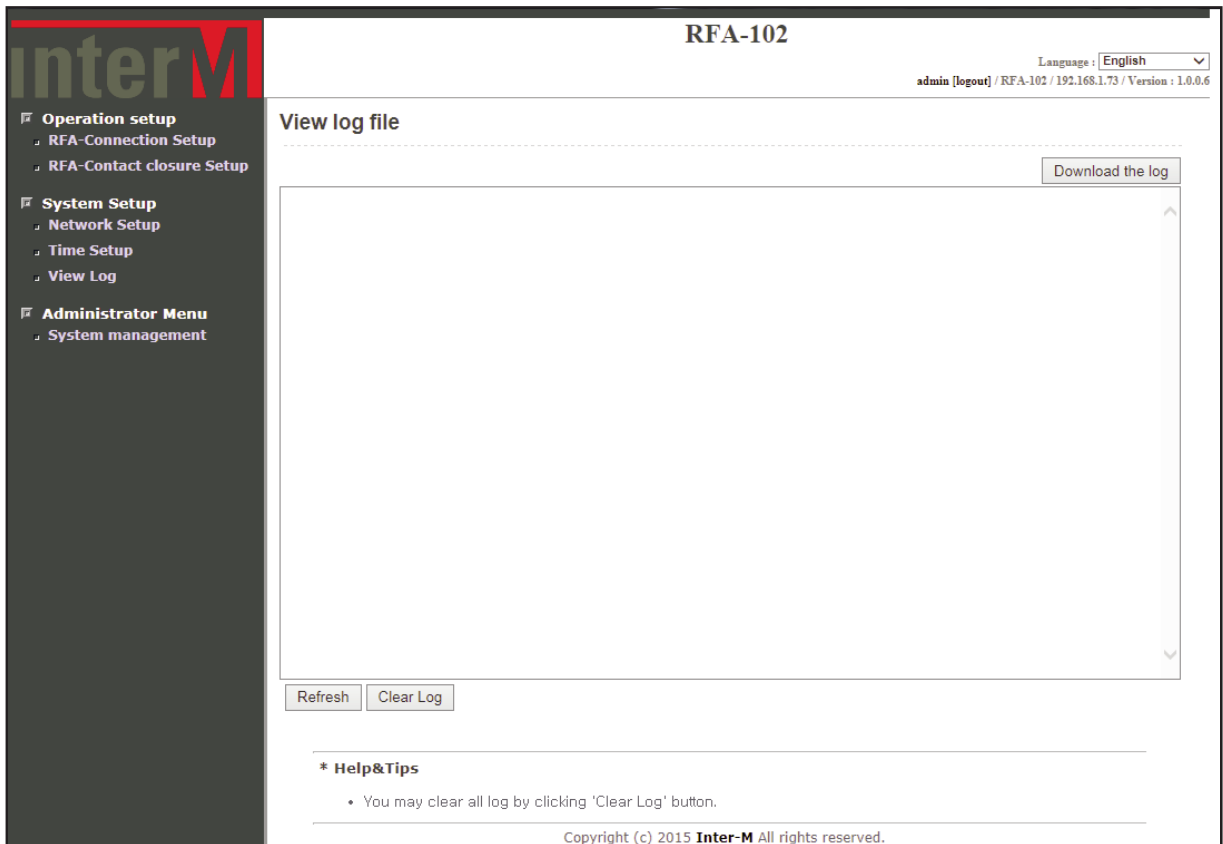
- There can be a couple of difference between the current time of this system and real time due to Internet connection delay.
- This system must be connected to Internet to use automatic time synchronization.

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Above is a screen display when "Time Setup" menu is clicked.

- ① The default time zone is (GMT+09:00) Seoul. Select a correct time zone in the box according to your geographical zone.
- ② Displays the current date and time.
- ③ Time Setup
 - a. Manual Setup
RFA-102 uses internal clock to make time so that its time has some drift from the correct time. It is needed to adjust the time regularly.
 - b. Automatic Time Synchronization
It synchronizes the time from the time server so that RFA-102 can maintain the correct time.
The default time server is time.bora.net.
- ④ Click [Apply] button to apply the modified setting.
- ⑤ Displays Help & Tips on Time Setup.

II. 5 View log



Above is a screen display when “View Log” menu is clicked.

- ① This page displays the log information of the RFA-102 setting and history of modification with time.
- ② [Refresh] button-the current log details will be renewed.
[Clear Log] button-the current log details will be deleted.
- ③ Displays Help&Tips on View log.

II. 6 System management

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RFA-102

Language: English ▼

admin [logout] / RFA-102 / 192.168.1.73 / Version : 1.0.0.6

System management

System Upgrade

S/W upgrade

... Apply Initialize

Mainboard upgrade

... Apply Initialize

Firmware file is an upgrade-file that is located in your local PC.

It may several minutes to complete upgrading. Please do not leave this page until a new page appears.

(Caution) Upgrading with inappropriate file may cause harm to the system.

(Caution) Do not turn off the system during upgrading.

Password Change

User account admin ▼

Current Password

New Password

Password Confirm

Apply Initialize

Change the new password.

32 letters and numbers you entered.

Restart System

Apply

Restart will reboot the system.

Factory set System

Apply

Factory set will Initialization the device.

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Above is a screen display when "System management" menu is clicked.

- ① Two types of upgrade (software and mainboard) are available.
- ② Change the password to connect to the web page of the equipment.
- ③ Restart will reboot the system.
- ④ Factory set will initialization the system.



Inter-M, Ltd. (Korea) began operations in 1983.

Since then, Inter-M has grown to become one of the largest manufacturers of professional audio and commercial sound electronics equipment in the world.

Inter-M has gained worldwide recognition for its own branded products, as well as private label manufacturing of electronics sold under other names (OEM).

The company is no longer just a Korean company, but rather a global company that is truly international in scope, with factories and offices in Korea and China, and sales and marketing operations located in Japan, Europe, and the U.S.A.

With more than 850 employees around the globe, Inter-M is well-poised for further growth and expansion.

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