ICOM

INSTRUCTION MANUAL

REMOTE CONTROL SOFTWARE

RS-PW2

Icom Inc.

INTRODUCTION

Thank you for choosing this Icom product. The RS-PW2 is a software program for remotely controlling the IC-PW2. This instruction manual contains detailed instructions on how to configure your own remote control system.
ⓘ To use the RS-PW2, update the IC-PW2 firmware version to 1.30 or later.

IMPORTANT

READ THIS INSTRUCTION MANUAL CAREFULLY before using the software.

SAVE THIS INSTRUCTION MANUAL. This instruction manual contains important safety and operating instructions for the RS-PW2.

NOTE: This instruction manual is based on the RS-PW2 Version 1.0.2.0.
ⓘ The screenshots in these Instructions are just examples, so that the contents may differ from the actual ones.
ⓘ The instructions are based on using Windows 11.

Icom is not responsible for the destruction, damage to, or performance of any Icom or non-Icom equipment, if the malfunction is because of:
- Force majeure, including, but not limited to, fires, earthquakes, storms, floods, lightning, other natural disasters, disturbances, riots, war, or radioactive contamination.
- The use of Icom products with any equipment that is not manufactured or approved by Icom.

To operate using the remote control system through the Internet, forwarding the router's port is required. Icom is not responsible for security when operating the remote control system.

PRECAUTIONS

IMPORTANT! To remotely control the IC-PW2 using the RS-PW2, **BE SURE** that you comply with any local regulations.

To operate your PC and peripheral devices, follow the instructions provided in their manuals.

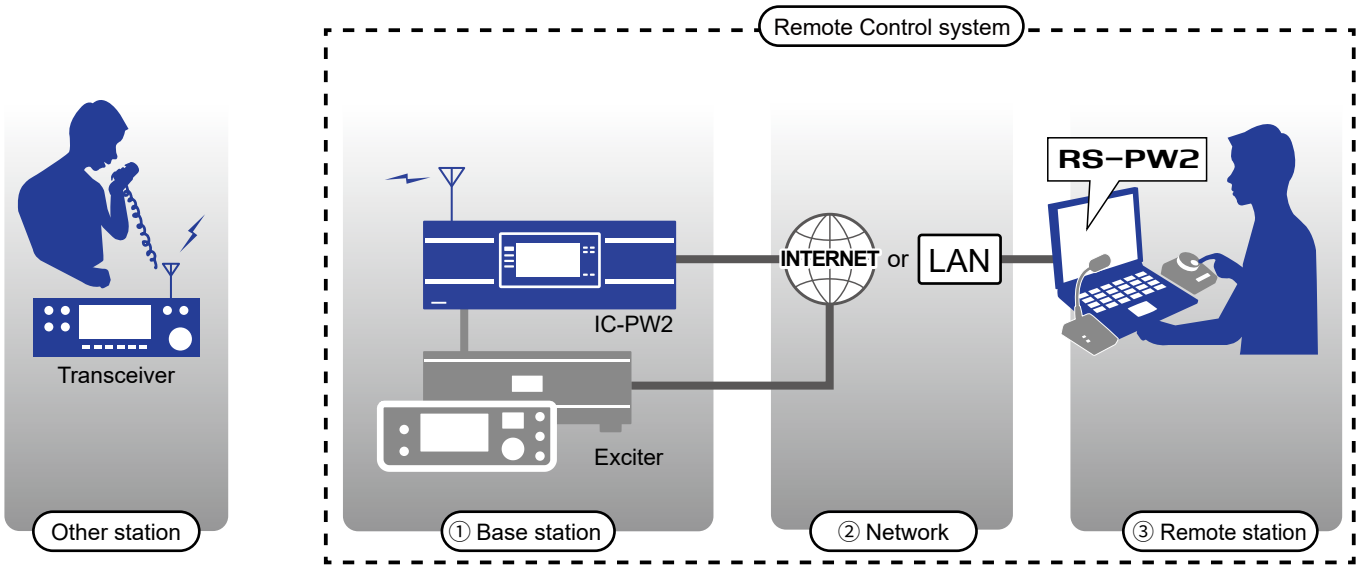
The RS-PW2 is designed to remotely control one IC-PW2 connected to a network.
Only one IC-PW2 can be remotely controlled using the RS-PW2 installed on one PC.
Proper operation cannot be guaranteed if the RS-PW2 is connected to a non-Icom linear amplifier.

The content of this manual, the software associated with the RS-PW2, and the appearance of the RS-PW2 are all subject to change without notice.

TABLE OF CONTENTS

About the Remote Control system

By using the RS-PW2, you can configure a remote control system through a LAN or the Internet.
The RS-PW2 Remote Control system consists of the following 3 components:
① Base station: IC-PW2
② Network: LAN or Internet
③ Remote station: PC (1 unit: for installing the RS-PW2)



ⓘ Routers and other devices are not included.

Remotely control the IC-PW2 from a PC through a LAN or the Internet.
ⓘ To remotely control the IC-PW2, connect it to a network.
ⓘ To remotely control the Icom exciter connected to the network, the optional RS-BA1 version 2 software or other product is also required.

TIP: By configuring the IC-PW2 remote settings and directly connecting to the network, you can remotely control it from a PC through a network.
ⓘ You can change the IC-PW2's Set mode settings from the RS-PW2, except for some items, such as "Touch Screen Calibration."
ⓘ As long as the RS-PW2 is used only within a local area network, the Base and Remote station are not required to be connected to the Internet.

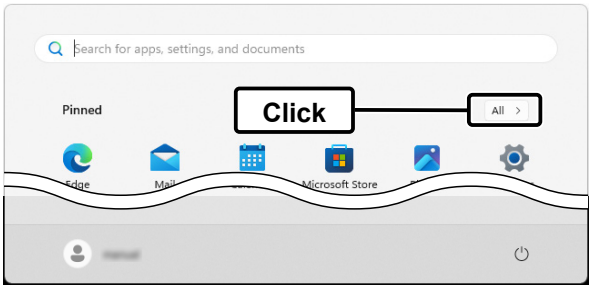
Preparation for configuring a remote control system through the Internet:
- The Base station router must allow access through the Internet.
  To allow access, forward the port number set on the RS-PW2 (Default: 50200).
  Specify "TCP" as the protocol for forwarding port number.
  ⓘ The Remote station router does not require port forwarding.
- To access from the Remote station, specify the public IP address assigned to the Base station router (WAN side).
- If you rent a Base station router under a contract with your Internet Service Provider (ISP), contact your ISP for information on the method below.
  - Forwarding the port on the router
  - Checking the public IP address (static or dynamic)
  ⓘ When using a commercial router, contact the router manufacturer for these methods.
  ⓘ When a dynamic public IP address is assigned, we recommend subscribing to the static IP address service or the Dynamic DNS service.

Starting the RS-PW2

There are 2 ways to start the RS-PW2, which is automatically installed when downloaded from the Microsoft Store.
- Select from the Windows Start menu
- Create a shortcut on the desktop

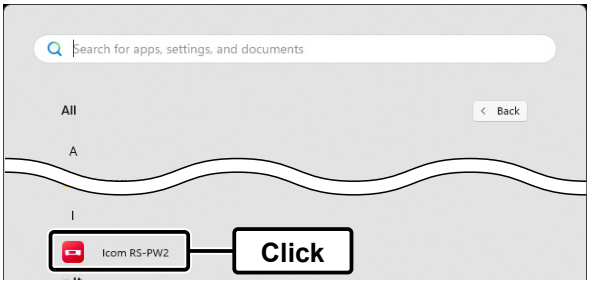
◇ Select from the Windows Start menu

1. Click the Windows icon on the taskbar.
2. Click <All>.



• All applications are displayed.

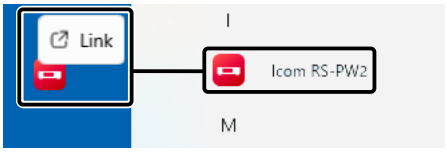
3. Click [Icom RS-PW2].



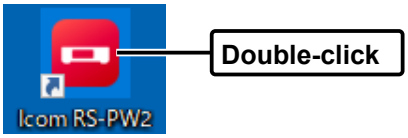
• The RS-PW2 will start.

◇ Create a shortcut on the desktop

1. Display the list of applications using steps 1 and 2 of “Select from the Windows Start menu.”
2. Place the mouse cursor on [Icom RS-PW2], and drag and drop it onto the desktop.



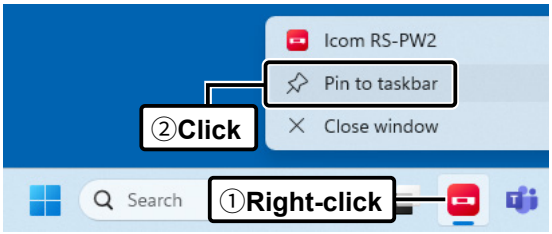
3. Double-click the [Icom RS-PW2] shortcut icon on the desktop.



• The RS-PW2 will start.

TIP: Pin the shortcut to the taskbar

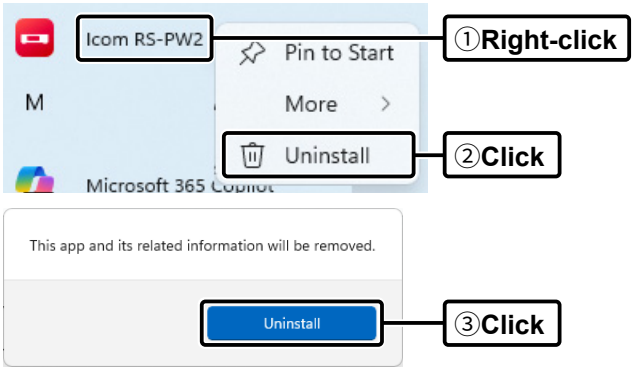
1. Place the mouse cursor on the RS-PW2 icon on the taskbar when the application is started, and then right-click.
   • The menu is displayed.
2. Click “Pin to taskbar.”



ⓘ Even if you close the RS-PW2, the shortcut icon remains on the taskbar.

TIP: Uninstalling the RS-PW2

1. Right-click [Icom RS-PW2] in step 3 of “Select from the Windows Start menu.”
   • The menu is displayed.
2. Click “Uninstall.”
   • The confirmation screen is displayed.
3. Click <Uninstall>.



System requirements

Linear amplifier (Base station)
IC-PW2 (firmware version 1.30 or later): 1 unit

PC (Remote station): 1 unit

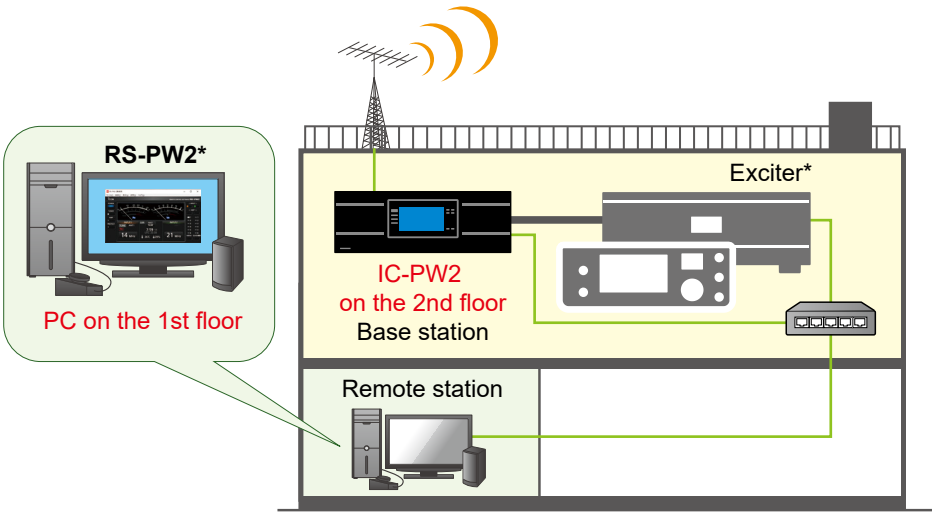
OS	• Microsoft Windows 11 (64 bit) • Microsoft Windows 10 (32/64 bit) ⓘ Except for Windows on ARM. ⓘ In this manual, the OSs are described as "Windows 11" and "Windows 10."
CPU	1.8 GHz or more ⓘ Windows 11 requires 2 or more cores
Memory	• Windows 11 (64 bit): 4 GB or more • Windows 10 (64 bit): 4 GB or more • Windows 10 (32 bit): 2 GB or more
Storage	200 MB or more free space
Network speed	Upload (To the Base station): 50 kbps or more Download (To the Remote station): 100 kbps or more
Display	1024 × 600 or higher resolution

ⓘ This system requirement is the minimum required for the RS-PW2 to operate.
We recommend a network environment that can provide a stable communication speed for comfortable use.
The required specifications may differ, depending on your PC environment.

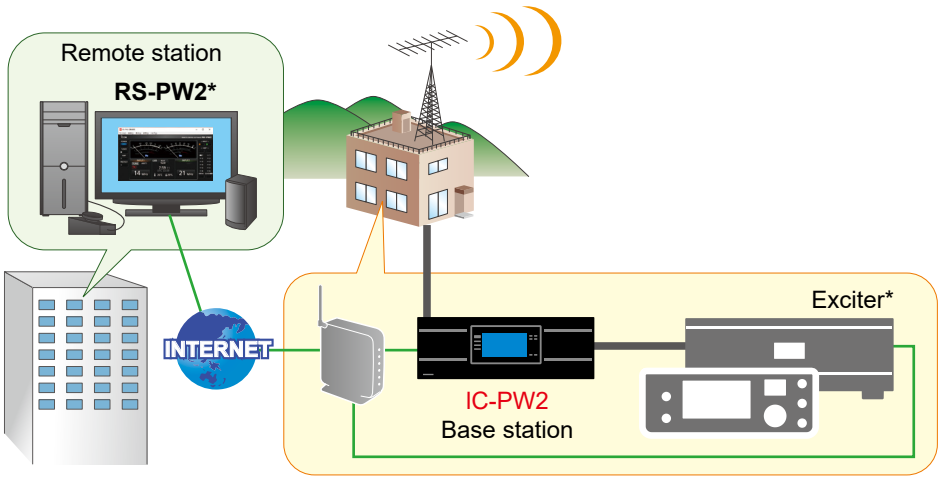
Selecting a connection method

There are 2 ways to connect a PC to the IC-PW2.
* To remotely control an Icom exciter connected to the IC-PW2, the optional RS-BA1 version 2 software or other product is also required.

When you want to configure the system using a LAN, see Section 2. (p. 2-1)



When you want to configure the system using the Internet, see Section 3. (p. 3-1)

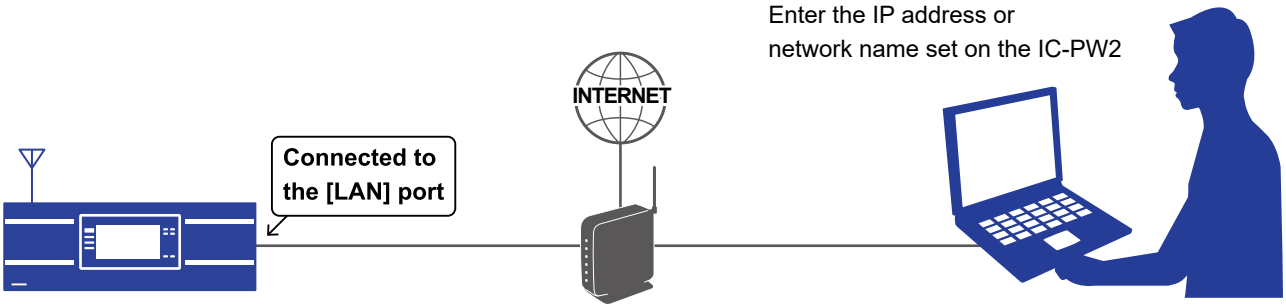


2 CONFIGURING THE SYSTEM THROUGH A LAN

An example of the remote control system

This section explains the minimum required settings to configure a remote control system through a LAN, using the following illustration as an example.

ⓘ Only the RS-PW2 with the same user ID and password set on the IC-PW2 can connect.



Base station (IC-PW2)
IP address: 192.168.0.10
Network name: IC-PW2

Router
IP address
LAN: 192.168.0.1

Remote station (RS-PW2)
User ID: USER1
Password: USER0001

ⓘ The user ID, password, and other settings in these illustrations are only examples. Configure the system using your own settings.
BE CAREFUL in managing the user ID and password.

STEP 1. Settings on the IC-PW2

Set the remote settings on the IC-PW2.
See the following tables for each setting.
ⓘ If you want to connect to the Internet and remotely control the IC-PW2, see Section 3.

NOTE:
- When you change a setting that displays "(Valid after Restart)," you must restart the IC-PW2 after setting. After restarting, keep the IC-PW2's power ON.
- If the following operations are performed from the RS-PW2, the RS-PW2 cannot connect to the IC-PW2 after restarting the IC-PW2.
  - Change the "Network Control (Valid after Restart)" setting to "OFF."
  - Perform an All reset.

Network setting
Enter the network name and port number into the IC-PW2.

Items		Contents
DHCP (Valid after Restart)*		ON (Default)
Network Name*		A Network Name (Up to 15 characters, Example: IC-PW2) ⓘ The symbols other than "-" and "_" cannot be used.
Remote Settings	Network Control (Valid after Restart)	OFF (Default) → ON ⓘ When "OFF" is selected, the RS-PW2 cannot connect to the IC-PW2.
	Port (TCP) (Valid after Restart)	50200 (Default)

* If you set "DHCP (Valid after Restart)" to "OFF" to use the IP address instead of the network name, set the items shown below.

Items	Contents
IP Address (Valid after Restart)	An IP address not assigned to any other device. Example: 192.168.0.10 (Default)
Subnet Mask (Valid after Restart)	The subnet mask of the IP address Example: 255.255.255. 0 (24 bit) (Default)
Default Gateway (Valid after Restart)	An IP address of the LAN on the router Example: 192.168.0.1

User Registration
Enter the same User ID and password that are set in the RS-PW2, into the IC-PW2.

Items		Contents
Remote Settings	Network User1/2 ID	A User ID (Example: USER1) ⓘ Up to 16 characters
	Network User1/2 Password	A Password (Example: USER0001) ⓘ 8 ~ 16 characters ⓘ At least 2 different characters must be used.
	Network User1/2 Administrator	NO (Default) → YES ⓘ Only when the user is set as an administrator.

ⓘ While the IC-PW2 is connected to the RS-PW2, you cannot access the setting items of the network user not used for the connection.

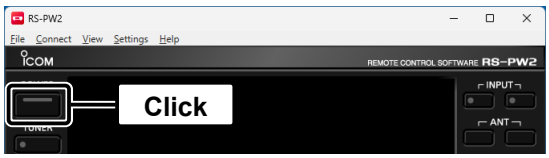
NOTE:
- **To prevent unauthorized access**
  Set a long and strong password that is difficult to guess. Mix upper and lower case letters, numbers, and characters.
- **Before "STEP 2. Settings on the RS-PW2"** (p. 2-3)
  Confirm the IC-PW2 settings described below.
  - Network Name or IP Address
  - Network User ID and Password
  ⓘ Keep the IC-PW2's power ON.

STEP 2. Settings on the RS-PW2

Configure the RS-PW2 as follows:

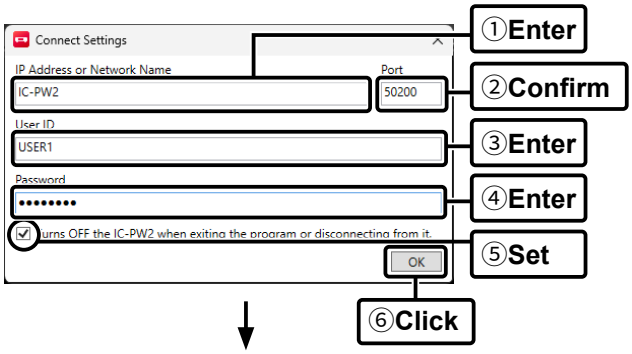
1 Open the RS-PW2.

1. Open “Icom RS-PW2.” (p. 1-2)
   • The operating screen is displayed.
2. Click [POWER].
   ⓘ When you first open the RS-PW2, the Connect Settings screen is displayed.

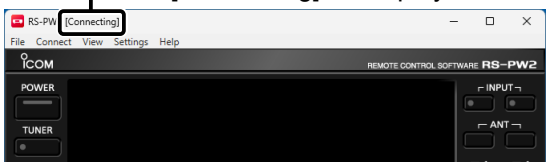


2 Configure the settings.

1. Enter the Network name (Example: IC-PW2) or IP address (Example: 192.168.0.10) set on the IC-PW2 into “IP Address or Network Name.”
2. Confirm that the “Port (TCP)” value set on the IC-PW2 is entered into “Port.”
   ⓘ Usually, the default port number (50200) is used for this port.
3. Enter the user ID set on the “Network User1 ID” or “Network User2 ID” of the IC-PW2 into “User ID.”
   (Example: USER1)
4. Enter the password set on the “Network User1 Password” or “Network User2 Password” of the IC-PW2 into “Password.”
   (Example: USER0001)
5. Set “Turns OFF the IC-PW2 when exiting the program or disconnecting from it.”
   ⓘ If this item is checked, the IC-PW2 automatically turns OFF when you close the RS-PW2.
6. Click <OK>.
   • The Connect Settings screen is closed.
   • “[Connecting]” and then “[Connected]” are displayed.
   • When the IC-PW2 is turned ON, the [POWER] indicator blinks and then lights blue, and the IC-PW2 operation screen is displayed on the RS-PW2.

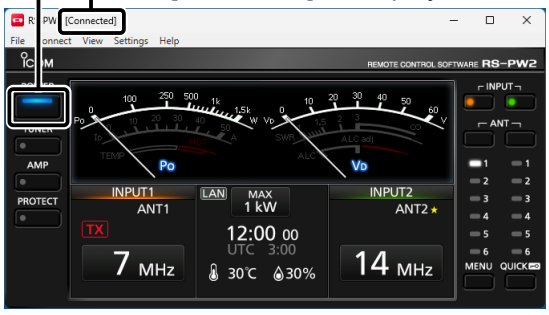


“[Connecting]” is displayed.



Blinks blue → Lights blue

“[Connected]” is displayed.



If the connection does not start after setting up the connection with the IC-PW2

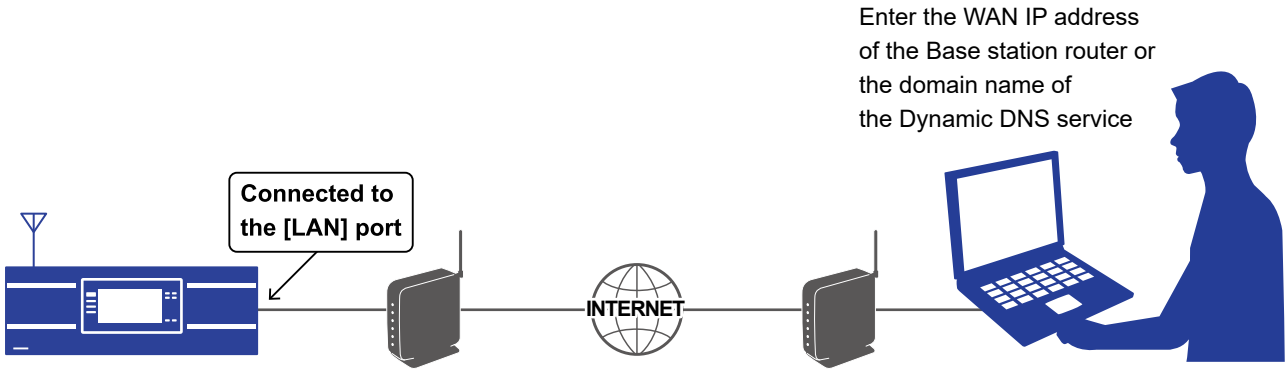
When you first open the RS-PW2, performing the following operation will start the connection with the IC-PW2 and turn it ON.

3 CONFIGURING THE SYSTEM THROUGH THE INTERNET

An example of a remote control system through the Internet

This section explains the minimum required settings to configure a remote control system through the Internet, using the following illustration as an example.

ⓘ Only the RS-PW2 with the same user ID and password set on the IC-PW2 can connect.



Base station (IC-PW2)
IP address: 192.168.0.10

Router
IP address
WAN: ***.***.***.***
LAN: 192.168.0.1
When using the Dynamic DNS service
Domain name: example.com

Router

Remote station (RS-PW2)
User ID: USER1
Password: USER0001

ⓘ The user ID, password, and other settings in these illustrations are only examples. Configure the system using your own settings.
BE CAREFUL in managing the user ID and password.

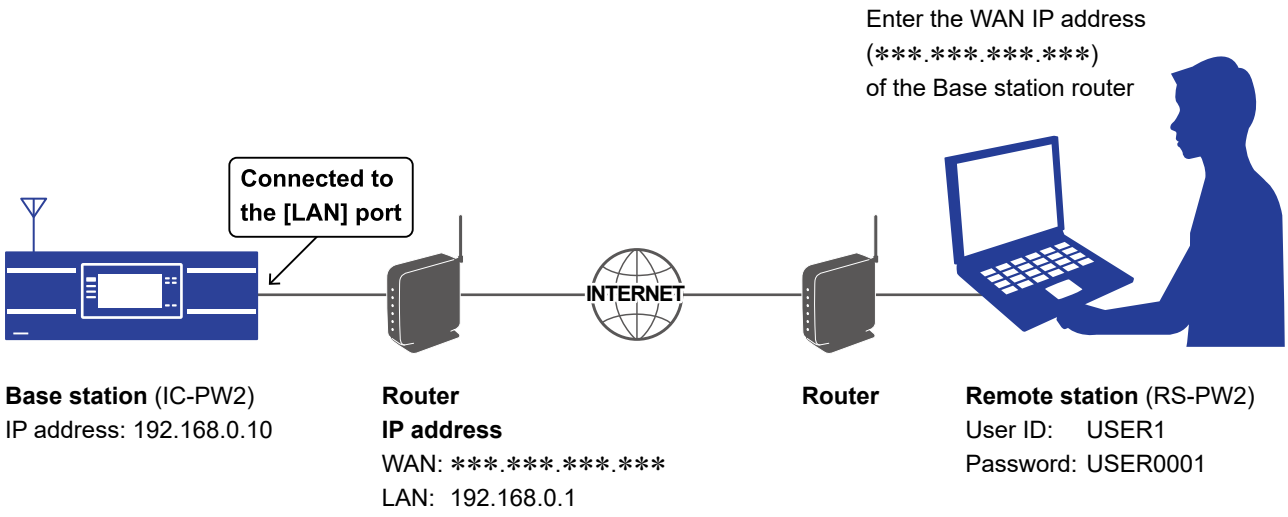
About a public IP address and the Dynamic DNS service

When configuring the remote control system through the Internet, a PC can connect to the IC-PW2 using its public IP address or domain name.

◇ To enable the Remote station to connect to the Base station using its public IP address

A public IP address is an address that is accessible over the Internet. Check the router's manual for instructions on configuring your router to set the public IP address.

NOTE:
If you have a dynamic public IP address, we recommend using a Dynamic DNS service to enable your PC to connect to the IC-PW2.
If the Dynamic DNS service is not used, you must change the RS-PW2 setting to connect to the IC-PW2 each time its public IP address changes.

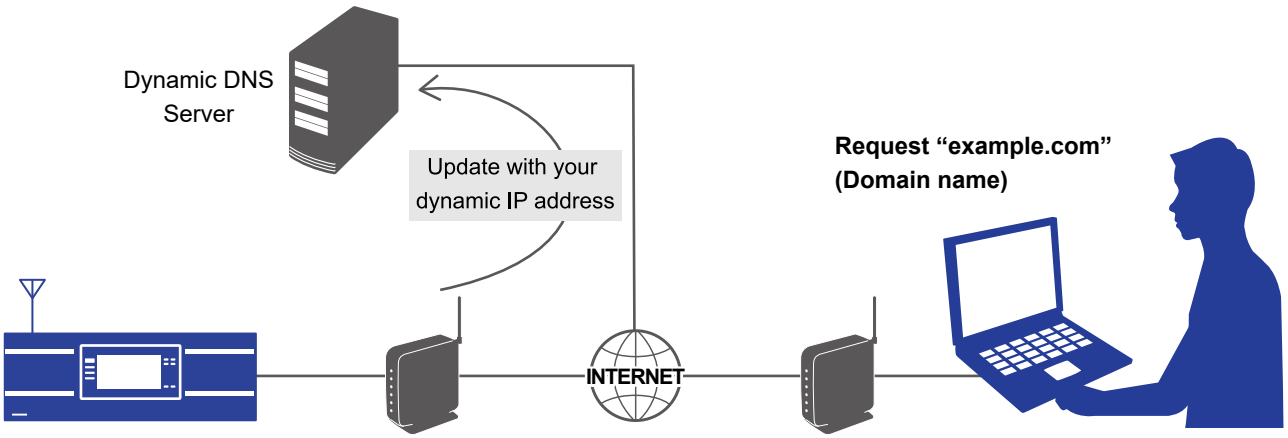


About a public IP address and the Dynamic DNS service

◇ To enable the Remote station to connect to the Base station using its domain name

When you set up an account for a Dynamic DNS server, the DNS server resolves the domain name for your dynamic IP address. Using the domain name, the Remote station can connect to the Base station through the Internet, even if the Base station's public IP address is changed.

ⓘ Check the router's manual for instructions on configuring your router to use a Dynamic DNS service.



Base station (IC-PW2)
IP address: 192.168.0.10

Router
IP address
WAN: ***.***.***.***
(Dynamically assigned by your ISP)
LAN: 192.168.0.1
Domain name: example.com

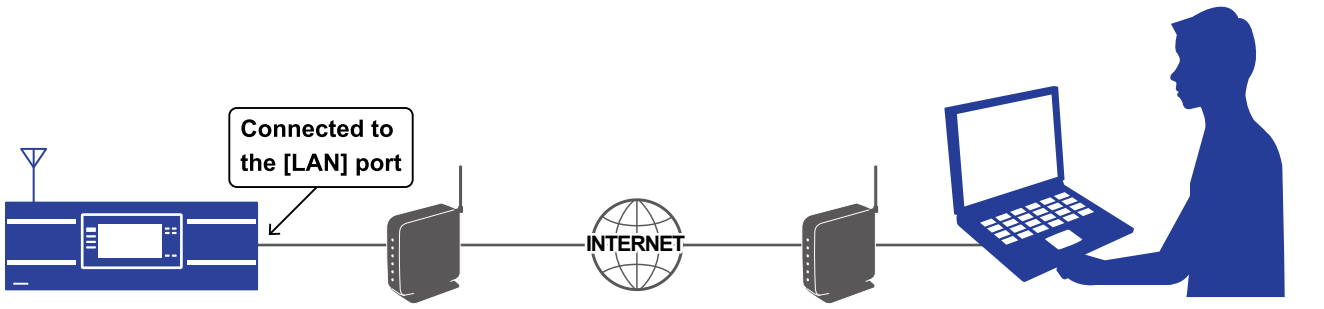
Router

Remote station (RS-PW2)
User ID: USER1
Password: USER0001

Port forwarding

When configuring a remote control system through the Internet, you need to configure your router to enable connections from the Internet. To enable connections, forward the port used by the RS-PW2.

NOTE: Icom is not responsible for any accidents caused by the security degradation after this port forwarding.



Base station (IC-PW2)
Static IP address:
192.168.0.10

Router
Default gateway:
192.168.0.1
Forwarded port number:
50200

Router
Default gateway/
DNS server address:
192.168.0.1
Port forwarding:
Not required

Remote station (RS-PW2)
IP address
(Automatically obtained):
192.168.0.100

1 **Set the static local IP address on the IC-PW2.**
A static local IP address must be set on the IC-PW2.

ⓘ **Information**
- Usable IP address differs, depending on your router. Check the router's manual for details.
- **DO NOT** set the same IP address to 2 or more devices connected to the same router.
- Check your PC's manual to check and set its IP address.

The IC-PW2 settings

Items		Contents
DHCP (Valid after Restart)		ON (Default) → OFF
IP Address (Valid after Restart)		An IP address not assigned to any other device. Example: 192.168.0.10 (Default)
Subnet Mask (Valid after Restart)		The subnet mask of the IP address Example: 255.255.255.0 (24 bit) (Default)
Default Gateway (Valid after Restart)		An IP address of the LAN on the router Example: 192.168.0.1
Remote Settings	Port (TCP) (Valid after Restart)	50200 (Default)

2 **Forward the port.**
- Forward the port number used for the RS-PW2. (Default: 50200)
- "TCP" should be used as the port protocol.
- Set a static local IP address of the IC-PW2 as a destination port. (Example: 192.168.0.10)

ⓘ Check the router's manual on how to forward ports.
ⓘ Depending on the router settings, you must configure the IP filter settings. Check the router's manual on how to configure the settings.

STEP 1. Settings on the IC-PW2

Set the remote settings on the IC-PW2.
See the following tables for each setting.
ⓘ If you want to connect to the LAN and remotely control the IC-PW2, see Section 2.

NOTE:
- When you change a setting that displays "(Valid after Restart)," you must restart the IC-PW2 after setting. After restarting, keep the IC-PW2's power ON.
- If the following operations are performed from the RS-PW2, the RS-PW2 cannot connect to the IC-PW2 after restarting the IC-PW2.
  - Change the "Network Control (Valid after Restart)" setting to "OFF."
  - Perform an All reset.

Network setting

Items		Contents
Remote Settings	Network Control (Valid after Restart)	OFF (Default) → ON

User Registration

Items		Contents
Remote Settings	Network User1/2 ID	A User ID (Example: USER1) ⓘ Up to 16 characters
	Network User1/2 Password	A Password (Example: USER0001) ⓘ 8 ~ 16 characters ⓘ At least 2 different characters must be used.
	Network User1/2 Administrator	NO (Default) → YES ⓘ Only when the user is set as an administrator.

ⓘ While the IC-PW2 is connected to the RS-PW2, you cannot access the setting items of the network user not used for the connection.

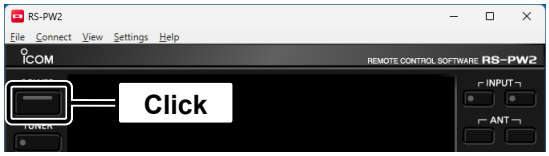
NOTE:
- **To prevent unauthorized access**
  Set a long and strong password that is difficult to guess. Mix upper and lower case letters, numbers, and characters.
- **Before "STEP 2. Settings on the RS-PW2"** (p. 3-6)
  Confirm the settings described below.
  - Public IP address or domain name of the Base station router (p. 3-2)
  - Network User ID and Password of the IC-PW2
  ⓘ Keep the IC-PW2's power ON.

STEP 2. Settings on the RS-PW2

Configure the RS-PW2 as follows:

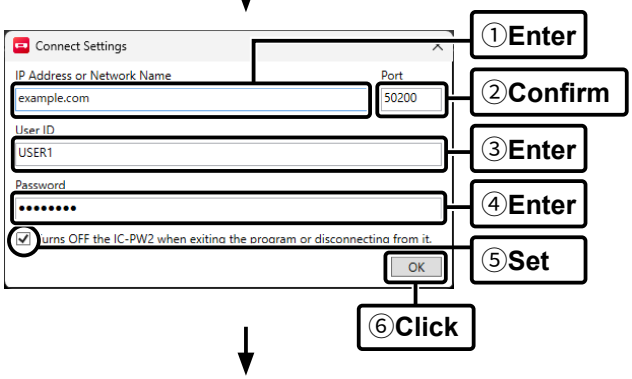
1 Open the RS-PW2.

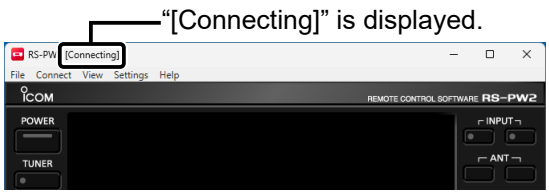
1. Open “Icom RS-PW2.” (p. 1-2)
   • The RS-PW2 screen is displayed.
2. Click [POWER].
   ⓘ When you first open the RS-PW2, the Connect Settings screen is displayed.



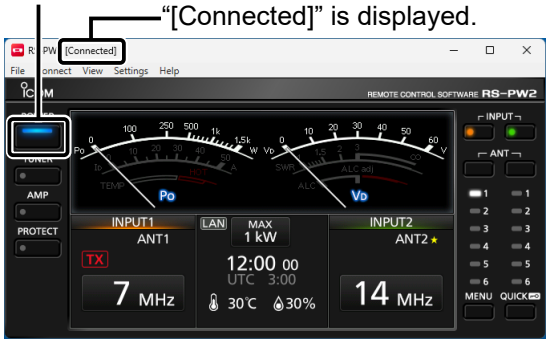
2 Configure the settings.

1. Enter the domain name (Example: example.com) or public IP address of the Base station router into “IP Address or Network Name.”
2. Confirm that the “Port (TCP)” value set on the IC-PW2 is entered into “Port.”
   ⓘ Usually, the default port number (50200) is used for this port.
3. Enter the user ID set on the “Network User1 ID” or “Network User2 ID” of the IC-PW2 into “User ID.”
   (Example: USER1)
4. Enter the password set on the “Network User1 Password” or “Network User2 Password” of the IC-PW2 into “Password.”
   (Example: USER0001)
5. Set “Turns OFF the IC-PW2 when exiting the program or disconnecting from it.”
   ⓘ If this item is checked, the IC-PW2 automatically turns OFF when you close the RS-PW2.
6. Click <OK>.
   • The Connect Settings screen is closed.
   • “[Connecting]” and then “[Connected]” are displayed in the title bar.
   • When the IC-PW2 is turned ON, the [POWER] indicator blinks and then lights blue, and the IC-PW2 operation screen is displayed on the RS-PW2.





Blinks blue → Lights blue



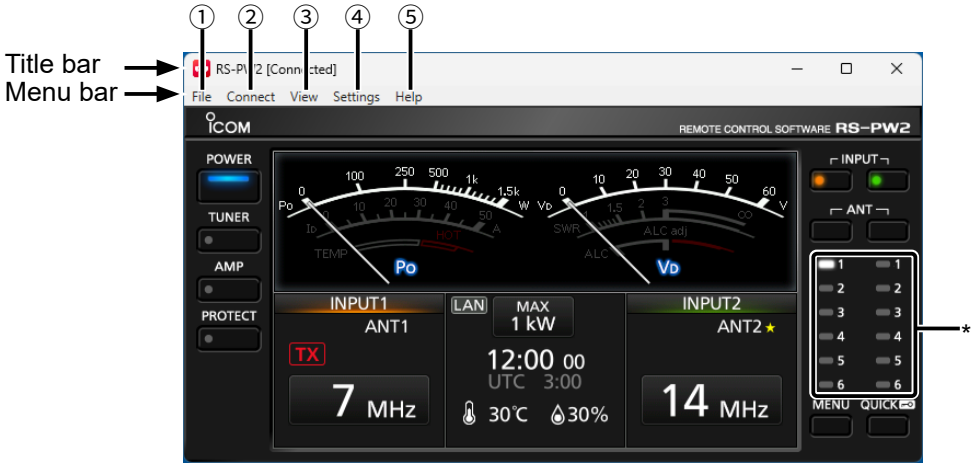
If the connection does not start after setting up the connection with the IC-PW2

When you first open the RS-PW2, performing the following operation will start the connection with the IC-PW2 and turn it ON.

4 ABOUT THE OPERATING SCREEN

This is the first screen displayed when the RS-PW2 with connection settings (pp. 2-1, 3-1) is connected to the IC-PW2. You can remotely control the IC-PW2 by placing the mouse cursor on each key or display on the operating screen and clicking.

* You can also switch an antenna by clicking the antenna indicators.



Title bar

Displays the connection status with the IC-PW2. (p. 4-3)

Menu bar

Select an operation from the drop-down list displayed when placing the mouse cursor on each menu (① ~ ⑤) and clicking.

① File

EXIT

Exit the RS-PW2.

ⓘ When the RS-PW2 is connected to the IC-PW2, the connection will be automatically disconnected.

② Connect

When “Connect ON” or “Connect OFF” is clicked, the connection and disconnection with the IC-PW2 are switched.

ⓘ The other option is grayed out, depending on the connection status.

③ View

Language

Select the language for the title and menu bar between “English” and “Japanese.”

ⓘ A check mark (✔) is displayed in the selected option.

ⓘ This setting is retained at the next startup.

Restore default size

The operating screen returns to its default size.

④ Settings

Connect Settings... (p. 4-2)

The Connect Settings screen is displayed.

This screen is used to connect to the IC-PW2 through a LAN or the Internet.

Confirmation Beep

Select whether or not to beep a sound when each key on the RS-PW2 and IC-PW2 is pressed.

ⓘ Information

- To stop sounding a beep, click this item to remove the check mark (✔).
- Regardless of this setting, a repeated beep will sound if an abnormality is detected in the IC-PW2.
- This setting is retained at the next startup.
- This setting does not link with the confirmation beep setting in the IC-PW2.

⑤ Help

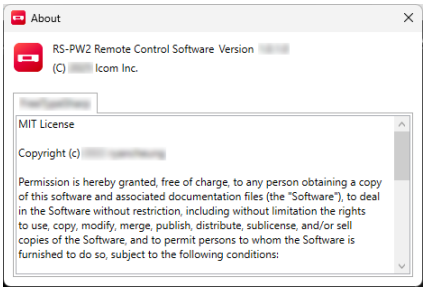
RS-PW2 instruction manual download page

The download page for this manual is displayed.

ⓘ To display the page, a PC must be connected to the Internet.

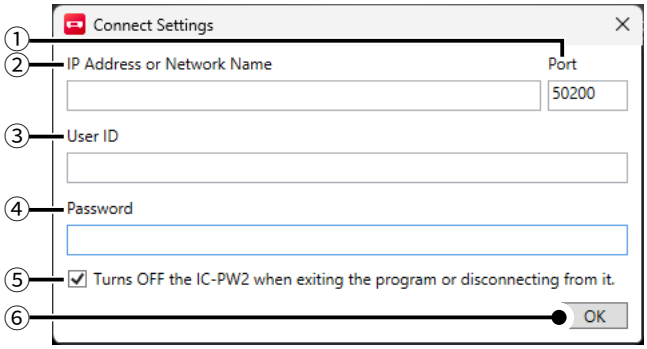
About

The software version information is displayed.



The Connect Settings screen

When clicking “Connect Settings...” of “Settings” in the menu bar, the Connect Settings screen is displayed.
ⓘ While the RS-PW2 is connected to the IC-PW2, each setting item is grayed out and cannot be changed.



① **Port** (Default: 50200)
Enter the port number set in “Port (TCP) (Valid after Restart)” of the IC-PW2.
• Port number range: 1 ~ 65535
ⓘ Usually, the default port number (50200) is used for this port.
If you change the port number, **BE SURE** to not duplicate with the port used by other devices.

② **IP Address or Network Name**
- **When connecting through a LAN**
  Enter the network name or IP address set on the IC-PW2.
- **When connecting through the Internet**
  Enter the domain name or public IP address set on the Base station router.

③ **User ID**
Enter the user ID set in “Network User1 ID” or “Network User2 ID” of the IC-PW2.
ⓘ You can enter up to 16 characters.
ⓘ The selectable characters are:
A to Z, a to z, 0 to 9, ! " # $ % & ' ( ) * +, - . / : ; < = > ?
@ [ ] ^ _ ` { | } ~

④ **Password**
Enter the password set in “Network User1 Password” or “Network User2 Password” of the IC-PW2.
ⓘ The password must include a minimum of 8 characters, up to a maximum of 16 characters.
ⓘ The selectable characters are:
A to Z, a to z, 0 to 9, ! " # $ % & ' ( ) * +, - . / : ; < = > ?
@ [ ] ^ _ ` { | } ~
ⓘ You cannot use a password that consists of only the same characters.

⑤ **Turns OFF the IC-PW2 when exiting the program or disconnecting from it.** (Default: ✔)
If this item is checked, the IC-PW2 automatically turns OFF when:
• Closing the RS-PW2 by clicking “File” and then “Exit” in the menu bar.
• Disconnecting from the IC-PW2 by clicking “Connect” and then “Connect ON” in the menu bar.

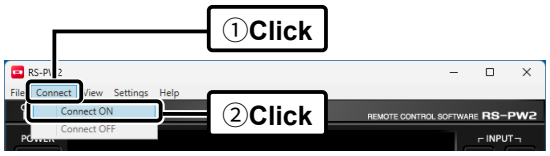
⑥ **<OK>**
Confirms the settings and closes the Connect Settings screen.

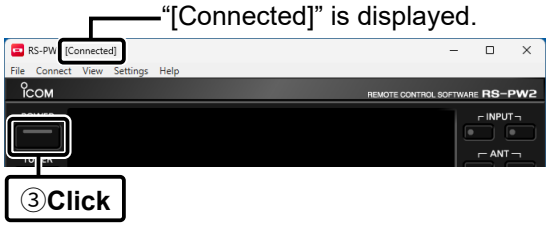
Connecting or disconnecting from the IC-PW2

After the connection setting is completed, you can connect or disconnect from the IC-PW2 by clicking “Connect” in the menu bar.

◇ Connecting to the IC-PW2

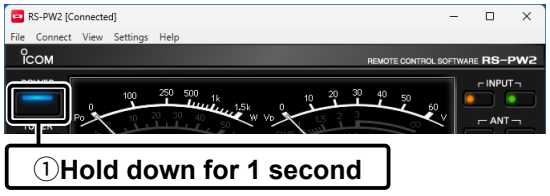
1. Open “Icom RS-PW2.” (p. 1-2)
   • The operating screen is displayed.
   ⓘ If you want to connect to and turn ON the IC-PW2 at the same time, skip step 2.
2. Click “Connect” and then “Connect ON” in the menu bar.
   • When the connection is successful, “[Connected]” is displayed on the title bar.
3. Click [POWER].
   • The IC-PW2 is turned ON, and the [POWER] indicator lights blue.
   • The IC-PW2 operation screen is displayed on the RS-PW2.

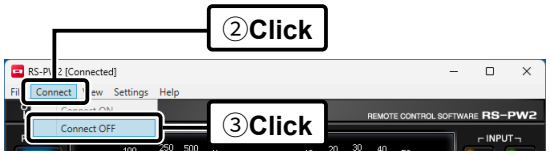


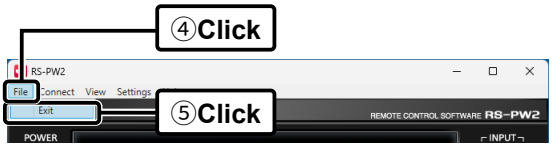


◇ Disconnecting from the IC-PW2

1. To turn OFF the IC-PW2, hold down [POWER] for 1 second.
   • When the IC-PW2 is turned OFF, the IC-PW2 operation screen disappears, and the [POWER] indicator is turned OFF.
   ⓘ If you want to turn OFF and disconnect from the IC-PW2 at the same time, start from step 2.
2. Click “Connect” and then “Connect OFF” in the menu bar.
   • When the IC-PW2 is disconnected, “[Connected]” disappears from the title bar.
3. Click “File” and then “Exit” in the menu bar.
   • The RS-PW2 will close.



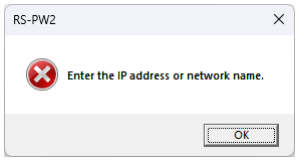
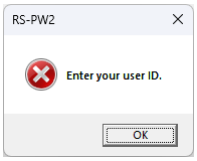
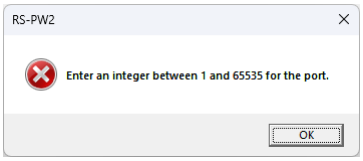
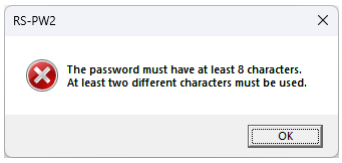
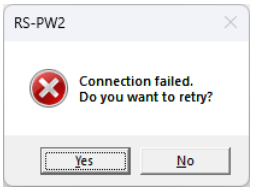
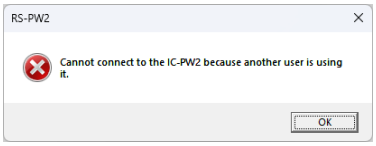
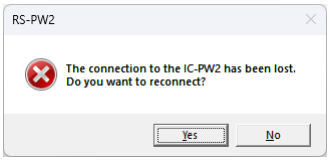


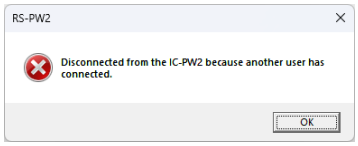


TIP:
- When you are not using the IC-PW2, **BE SURE** to disconnect it from the RS-PW2. Otherwise, the non-administrator cannot connect to the IC-PW2.
- The administrator has priority to control the IC-PW2. Therefore, if an administrator starts connecting to an IC-PW2 that another user is currently connected to, the other user will be disconnected.
  When the connection between your PC and the IC-PW2 is disconnected by the other administrator, “⊗ Disconnected from the IC-PW2 because another user has connected.” is displayed.

5 TROUBLESHOOTING

The following are possible causes and solutions for a problem you are experiencing.
If you cannot solve the problem after trying these solutions, please contact an Icom Service Center.

Error screen	Message	Possible cause	Solution	REF.
	Enter the IP address or network name.	“IP address or Network Name” of the Connect Settings screen is not entered.	Enter the same settings set on the IC-PW2, depending on the connection method.	p. 2-2, p. 3-5
	Enter your user ID.	“User ID” of the Connect Settings screen is not entered.	Enter the same user ID as set on the IC-PW2.	p. 2-2, p. 3-5
	Enter an integer between 1 and 65535 for the port.	“Port” range of the Connect Settings screen is not correct.	Check that the entered value is within the setting range.	p. 2-2, p. 3-4
	The password must have at least 8 characters. At least two different characters must be used.	The password entered in “Password” of the Connect Settings screen differs from the conditions displayed on the error screen.	Check that the password has at least 8 characters and is difficult to guess.	p. 2-2, p. 3-5
	The user ID or password is incorrect.	The user ID and password are different from those set on the IC-PW2.	Enter the same user ID and password that are set on the IC-PW2.	p. 2-2, p. 3-5
		Resetting the user ID and password does not resolve the problem.	After saving the IC-PW2 settings, perform an All reset and load the saved settings.	–
	Connection failed. Do you want to retry?	The connection setting is not correct.	Check the settings required for connection, such as the RS-PW2, IC-PW2, your PC, and routers.	p. 4-2
		There is a bad connection between the IC-PW2 and the AC power or LAN cable.	Check the terminals of the cable.	–
	Cannot connect to the IC-PW2 because another user is using it.	You are not an administrator.	• Wait until another user is disconnected from the IC-PW2. • Change “Network User1/2 Administrator” of the IC-PW2 to “YES.”	p. 2-2, p. 3-5
	The connection to the IC-PW2 has been lost. Do you want to reconnect?	There is a bad connection between the IC-PW2 and the AC power or LAN cable.	Check the terminals of the cable.	–

Error screen	Message	Possible cause	Solution	REF.
	Disconnected from the IC-PW2 because another user has connected.	The other administrator started connecting to the IC-PW2.	• Wait until the user is disconnected from the IC-PW2. • When you are also an administrator, connect to the IC-PW2 again.	–

How the World Communicates

A7832-1EX
 Apr. 2025

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