

PRODUCT INTRODUCTION

MG3700A

Vector Signal Generator

Connection to LAN

ANRITSU CORPORATION

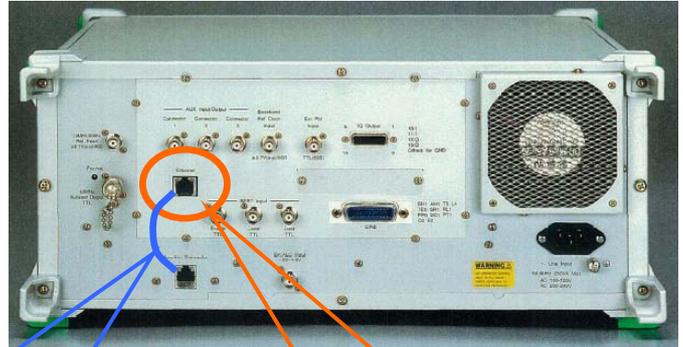
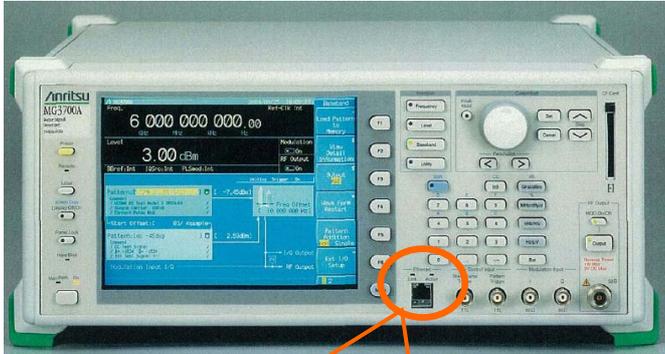
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This document describes how to connect MG3700A Vector Signal Generator and a PC via LAN. An Ethernet connector of MG3700A is used for LAN connection.

MG3700A front panel

MG3700A rear panel



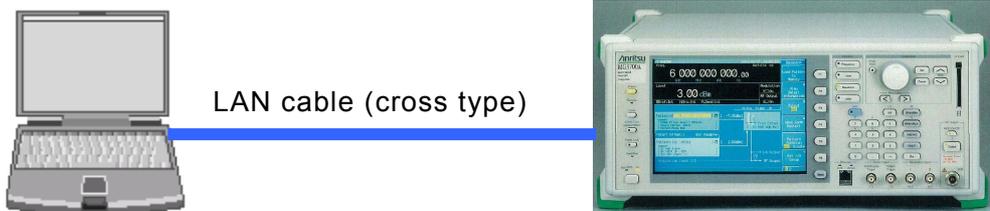
Ethernet connector

Ethernet connector

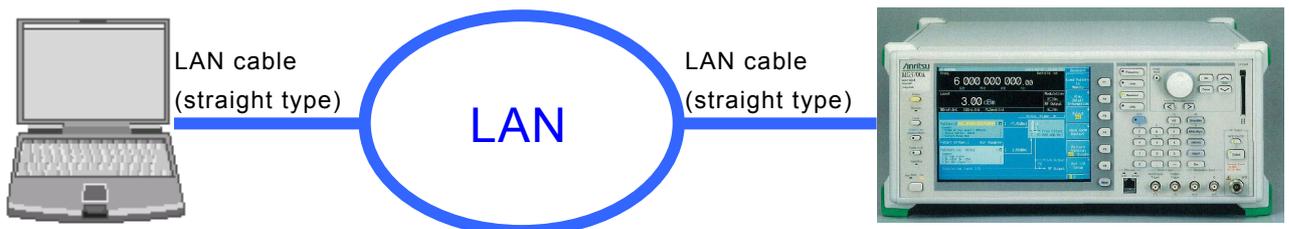
Short-circuit two connectors in the rear panel with an attached LAN straight cable when you use an Ethernet connector on the front panel.

[How to connect]

Method 1. Direct connectionP2

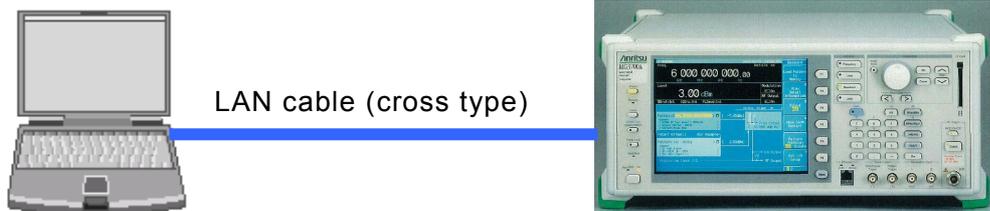


Method 2. Network connectionP6



*Please use a hub for 100Base-Tx.

[Method 1: Direct connection] 1/4

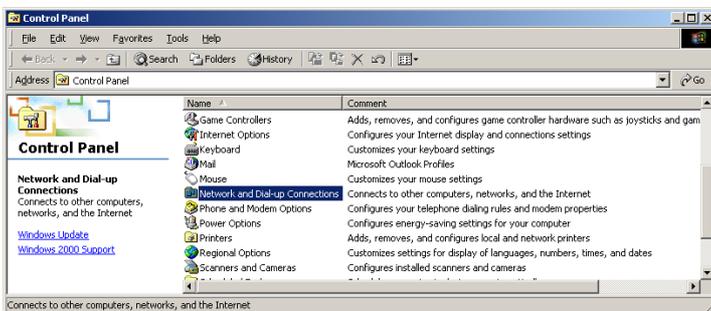


- 1. Setting of a PC P2
- 2. Setting of a MG3700A P4
- 3. Connection by Transfer&Setting of IQproducer P5

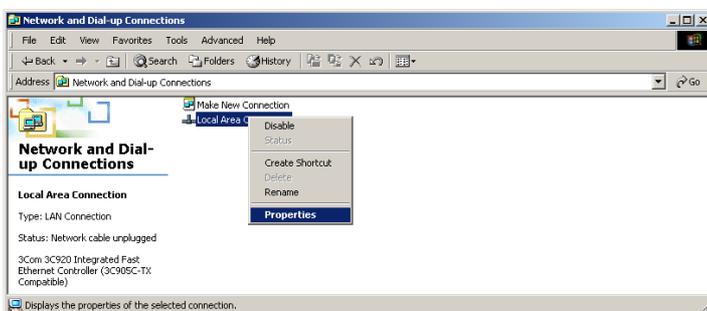
1. Setting of a PC (slightly differs depending on the type of OS)

(a) Network setting

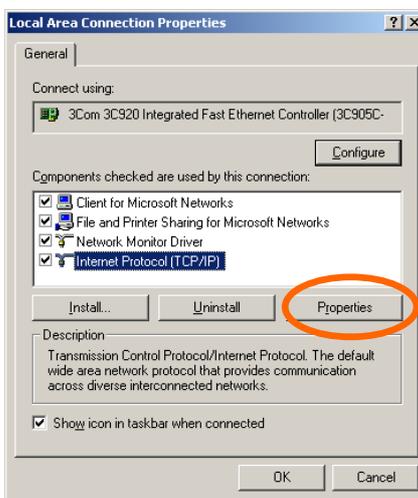
- Open [Network and Dial-up Connections] from [Start] > [Settings] > [Control Panel].



- Right-click on [Local Area Connection] and select [Properties].



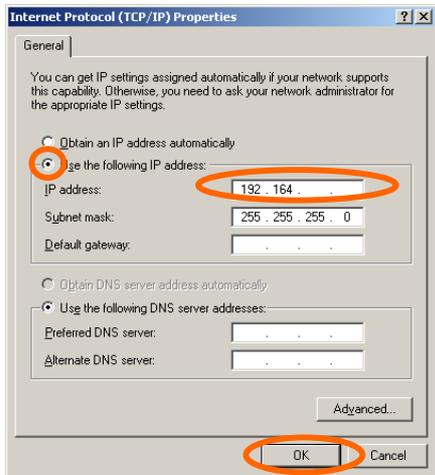
- Select [Internet Protocol (TCP/IP)] in the [General] tab and click [Properties].



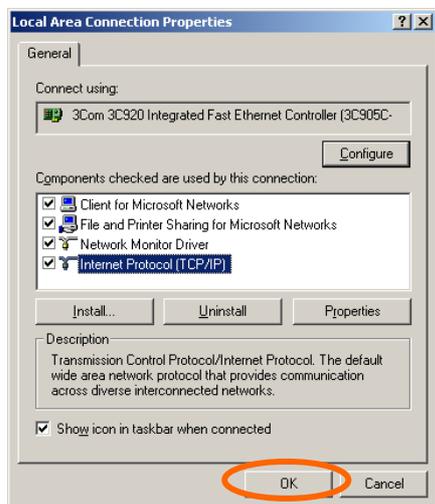
[Method 1: Direct connection] 2/4

1. Setting of a PC (slightly differs depending on the type of OS)...continued

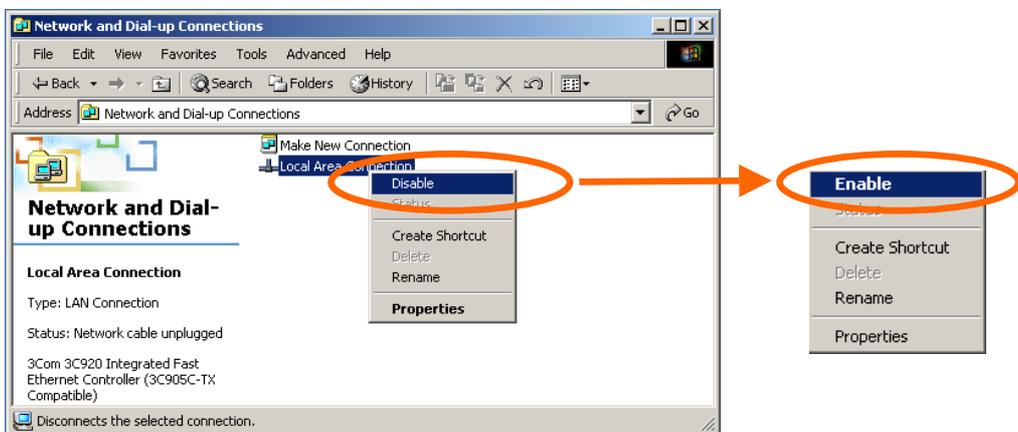
- Activate a radio button of [Use the following IP address] and enter an arbitrary address in the edit box of [IP address]. The IP address entered here must be different from the address of MG3700A that will be specified later. Also, [Subnet mask] and [Use the following DNS server addresses] are set automatically in the course of operations above. Click [OK] after specifying an IP address.



- Click [OK] in the [Local Area Connection Properties] window.



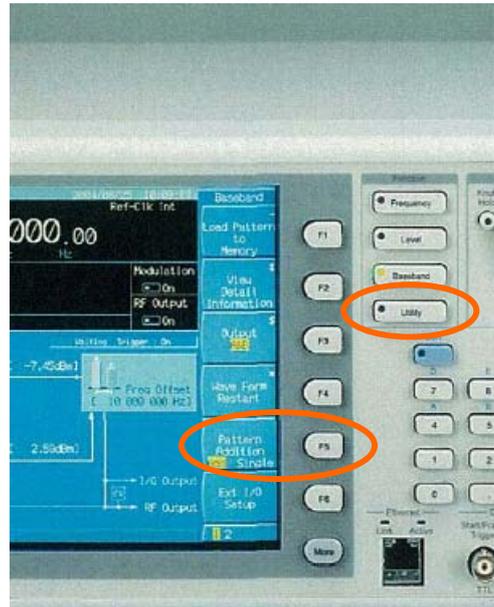
- Open [Network and Dial-up Connections] from [Start] > [Settings] > [Control Panel].
- Right-click on [Local Area Connection] and select [Disable].
- Subsequently, right-click on [Local Area Connection] and select [Enable].



[Method 1: Direct connection] 3/4

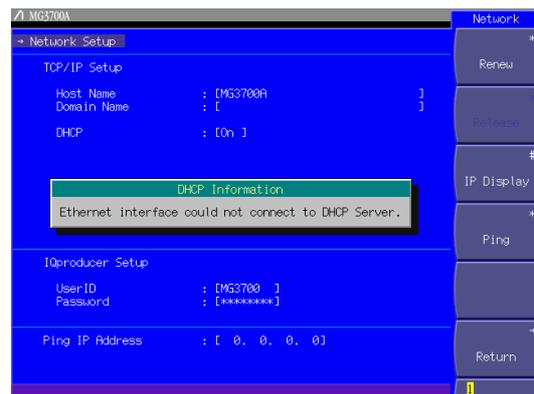
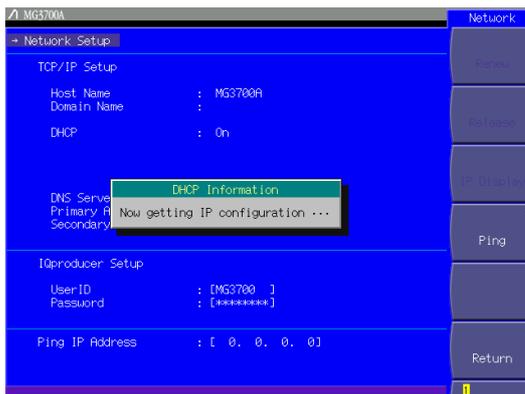
2. Setting of a MG3700A

- Press [Utility] on the front panel.

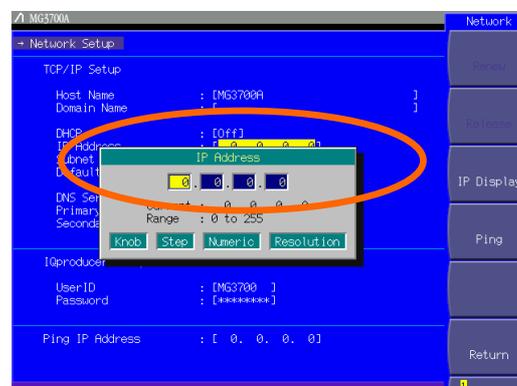
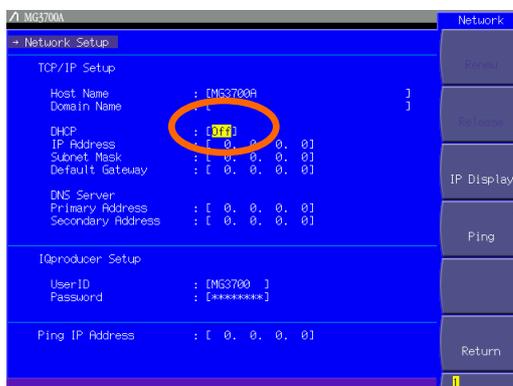


- Press [F5: Network Setup].

- Wait until the screen display (below left) changes to the right one.



- Change the setting of [DHCP] from ON to OFF.
- Enter an arbitrary address in [IP Address].

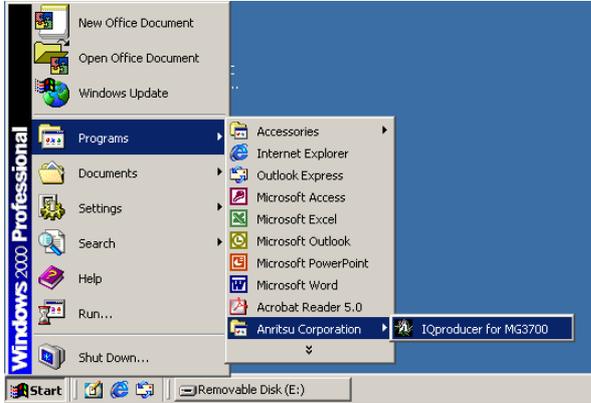


[Method 1: Direct connection] 4/4

3. Connection by Transfer&Setting of IQproducer

(The following describes the procedures in the state IQproducer that is the standard software of MG3700A is installed.)

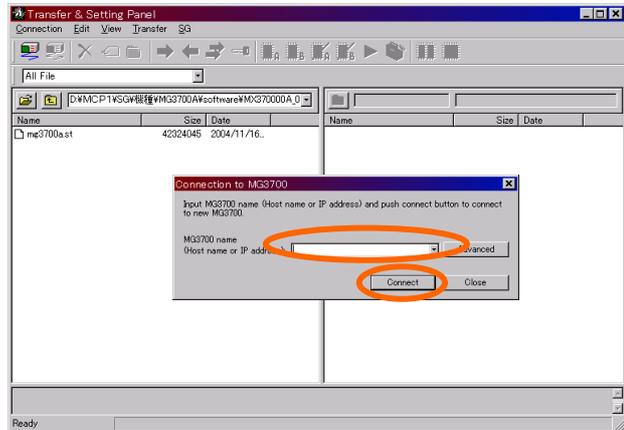
- Open [IQproducer for MG3700A] from [Start] > [Programs] > [Anritsu Corporation].



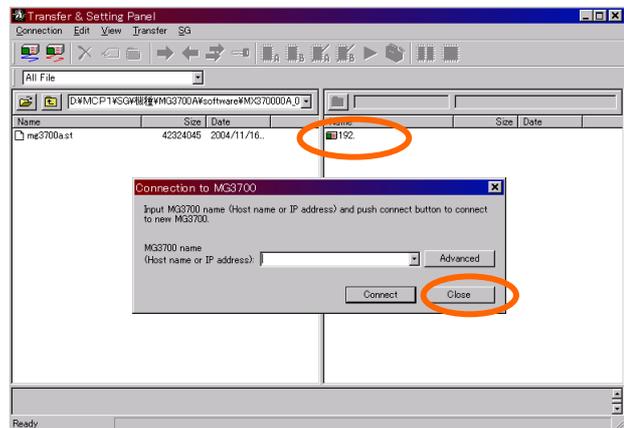
- Open [Transfer & Setting Panel] from [Transfer & Setting] of IQproducer.



- When a [Connection to MG3700A] window opens up automatically, enter the IP address that was previously set to MG3700A in the edit box and click [Connect]. If you close the [Connection to MG3700A] window by mistake, you can reopen it by clicking an icon  at the upper left of the screen or [Connection] > [Connect] on the menu bar.

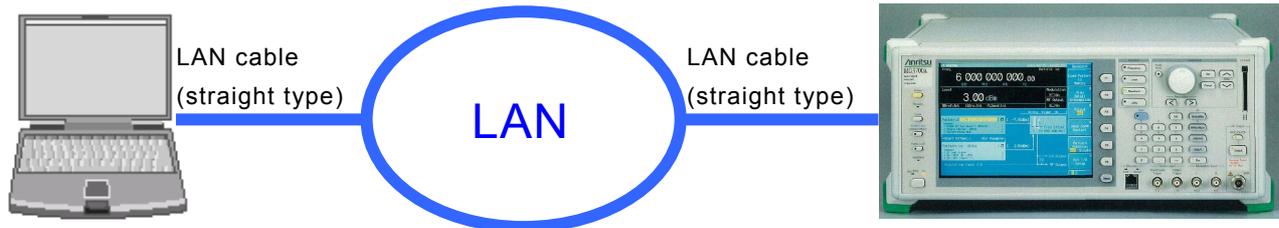


- A MG3700A icon is displayed on the right side of a screen in completion of the connection. Close the [Connection to MG3700A] window by clicking [Close] when the connection is done properly.



Connection is completed.

[Method 2: Network connection] 1/4

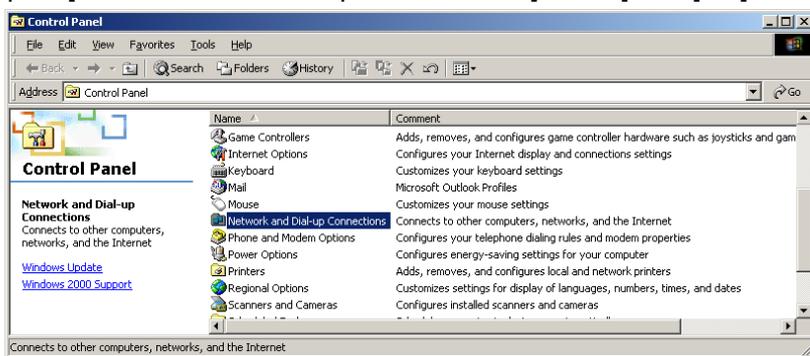


- 1. Setting of a PC P6
- 2. Setting of a MG3700A P8
- 3. Connection by Transfer&Setting of IQproducer P9

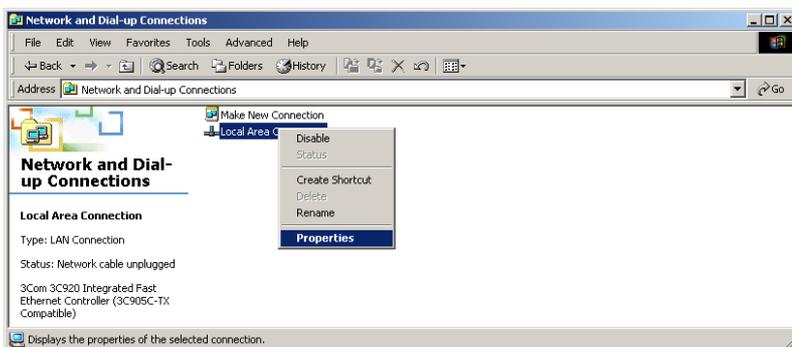
1. Setting of a PC (slightly differs depending on the type of OS)

(a) Network setting

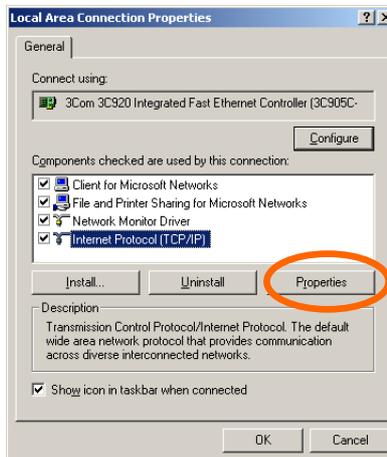
- Open [Network and Dial-up connections] from [Start] > [Settings] > [Control Panel].



- Right-click on [Local Area Connection] and select [Properties].



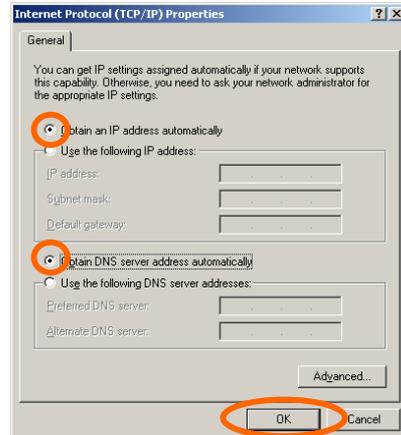
- Select [Internet Protocol (TCP/IP)] in the [General] tab and click [Properties].



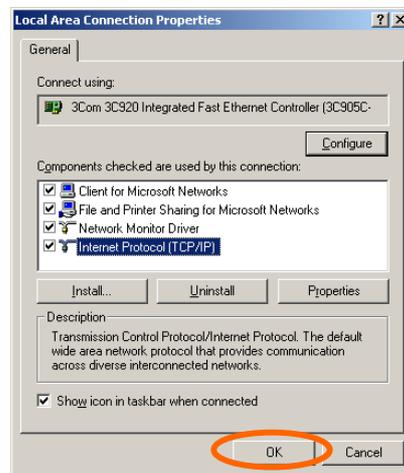
[Method 2: Network connection] 2/4

1. Setting of a PC (slightly differs depending on the type of OS)...continued

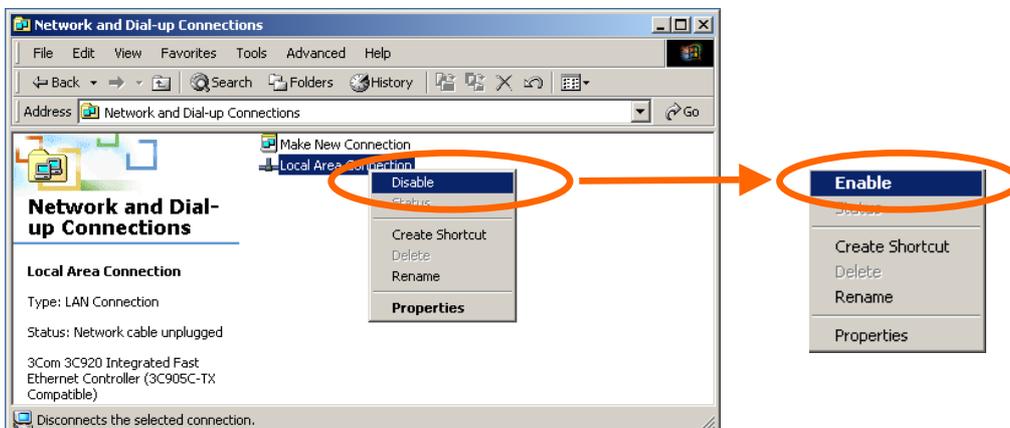
- Activate radio buttons of [Obtain an IP address automatically] and [Obtain DNS server address automatically] and click [OK].



- Click [OK] in the [Local Area Connection Properties] window.



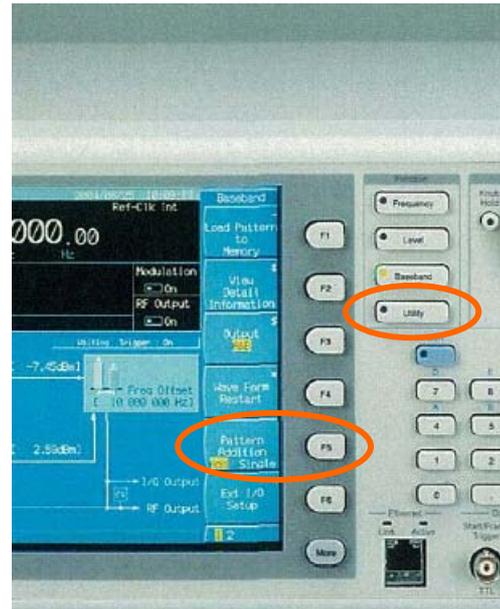
- Open [Network and Dial-up Connections] from [Start] > [Settings] > [Control Panel].
- Right-click on [Local Area Connection] and select [Disable].
- Subsequently, right-click on [Local Area Connection] and select [Enable].



[Method 2: Network connection] 3/4

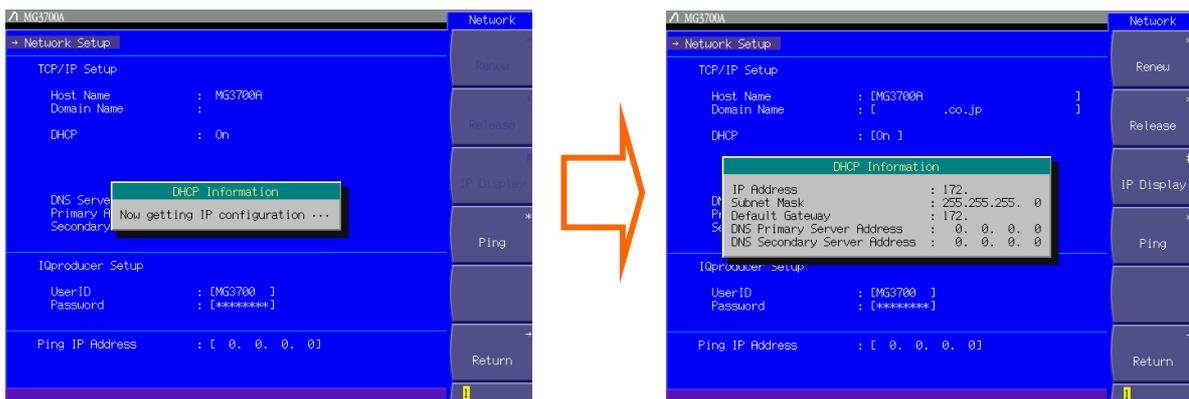
2. Setting of a MG3700A

- Press [Utility] on the front panel.



- Press [F5: Network Setup].

- Wait until the screen display (below left) changes to the right one.



- Check [IP Address] above. Display/Non-display of the IP address can be switched by pressing [F3: IP Display].

Please try any of the following actions if you cannot obtain the [IP Address].

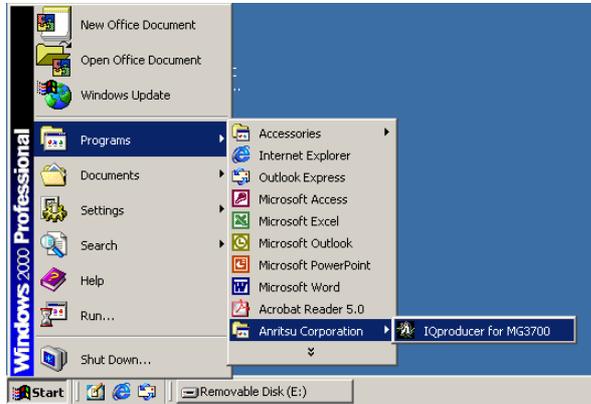
- Confirm that [DHCP] is [ON].
- Restart MG3700A in the state a LAN cable is connected.
- Press [F1: Renew].

[Method 2: Network connection] 4/4

3. Connection by Transfer&Setting of IQproducer

(The following describes the procedures in the state IQproducer that is the standard software of MG3700A is installed.)

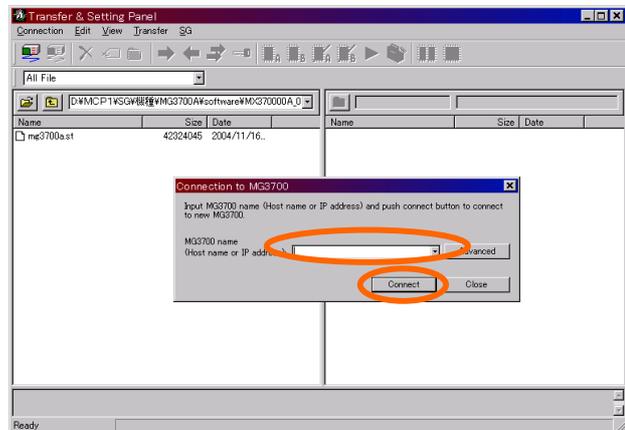
- Open [IQproducer for MG3700A] from [Start] >[Programs] > [Anritsu Corporation].



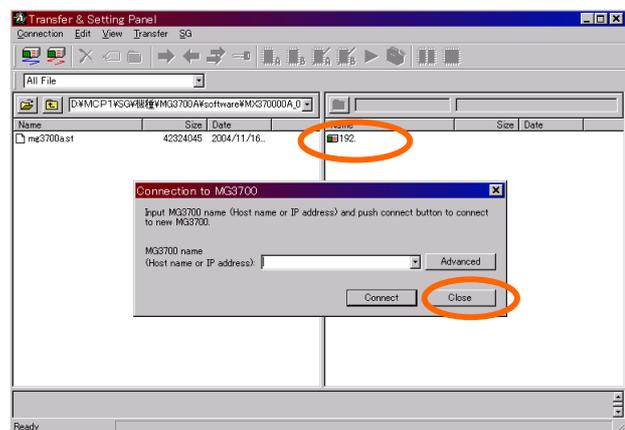
- Open [Transfer & Setting Panel] from [Transfer & Setting] of IQproducer.



- When a [Connection to MG3700A] window opens up automatically, enter the IP address that was previously set to MG3700A in the edit box and click [Connect]. If you close the [Connection to MG3700A] window by mistake, you can reopen it by clicking an icon  at the upper left of the screen or [Connection] > [Connect] on the menu bar.



- A MG3700A icon is displayed on the right side of a screen in completion of the connection. Close the [Connection to MG3700A] window by clicking [Close] when the connection is done properly.



Connection is completed.

Anritsu

Specifications are subject to change without notice.

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