

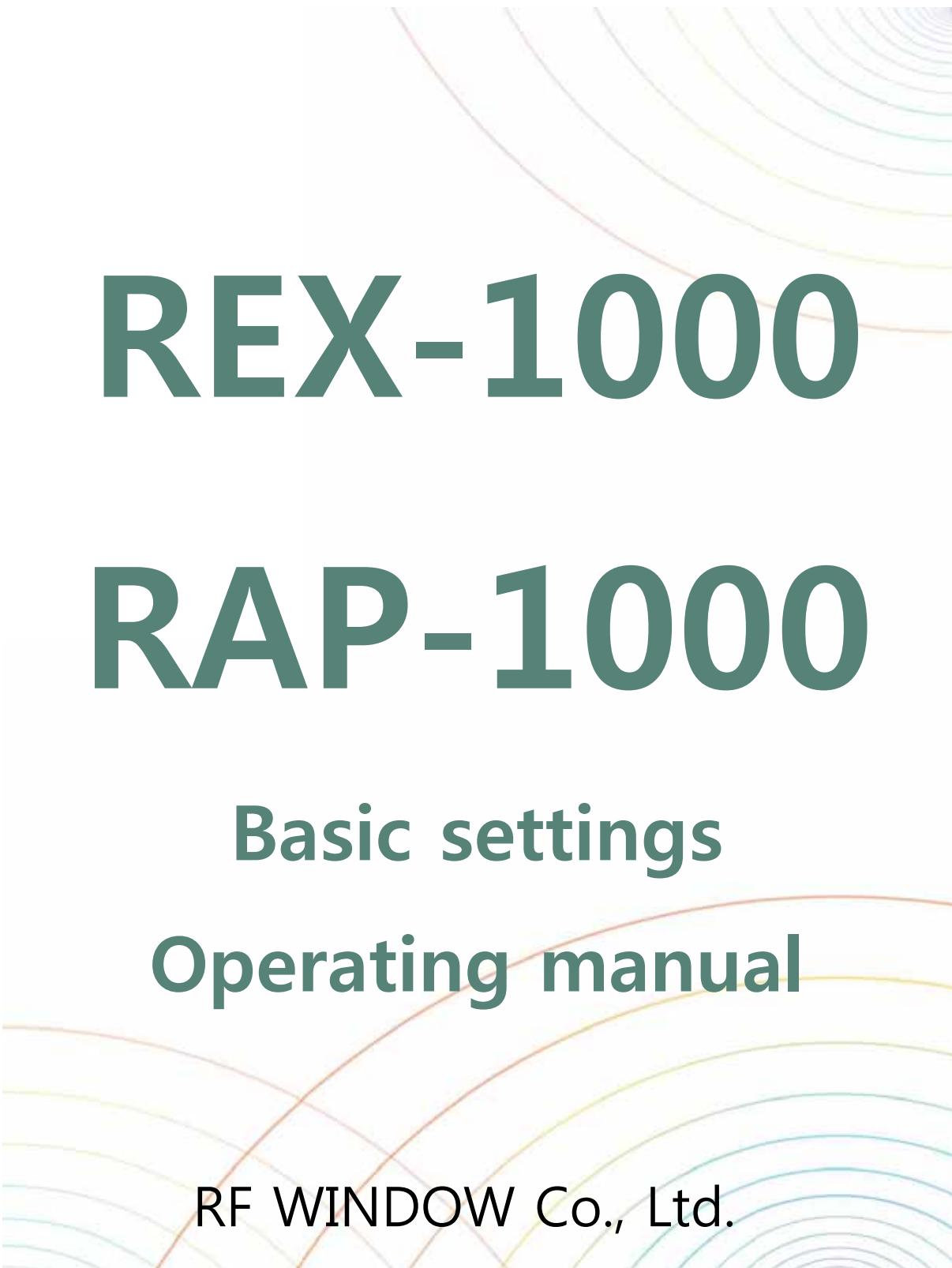
# REX-1000

# RAP-1000

## Basic settings

## Operating manual

RF WINDOW Co., Ltd.



# Table of Contents

## Chapter 1. **REX-1000**

1.1 Main groups	
1.1.1 Main group No. 0 setting	----- 3
1.1.2 Main group No. 1 setting	----- 4
1.2 Adding a subscriber	
1.2.1 Adding a single subscriber	----- 6
1.2.2 Adding a multiple subscriber	----- 7
1.3 Telephone exchange number	
1.3.1 Telephone exchange number setting	----- 10
1.4 Route	
1.4.1 SIP route setting	----- 13
1.4.2 RSEQ setting	----- 14
1.4.3 Media route sequence setting	----- 14
1.4.4 SMS RSEQ setting	----- 15
1.4.5 SYSTEM ACL setting	----- 15

## Chapter 2. **RAP-1000**

2.1 Main groups	
2.1.1 Main group No. 1 setting	----- 17
2.2 Adding a subscriber	
2.2.1 Adding a single subscriber	----- 19
2.2.2 Adding a multiple subscriber	----- 20
2.3 Route	
2.3.1 SIP route setting	----- 23
2.3.2 RSEQ setting	----- 24
2.3.3. SMS RSEQ setting	----- 24

# Chapter 1. REX-1000

## 1.1 Main groups

1.1.1 Main group No. 0 setting

1.1.2 Main group No. 1 setting

## 1.1 Main groups

### Main groups

#### 1.1.1 Main group No. 0 setting

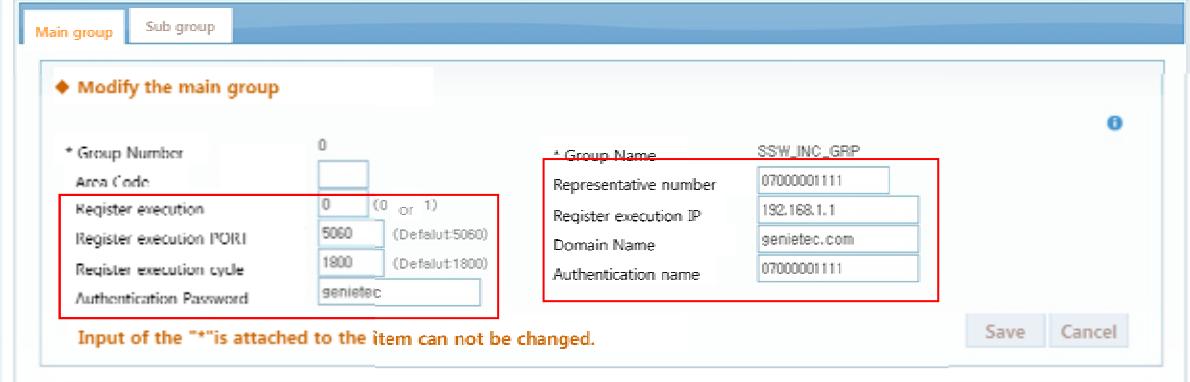
The main groups are divided into The main group No. 0 and The main group No. 1. Among them, The main group No. 0 setting can be done as follows.



Group Number	Group Name	Area Code	Main number	Whether to perform REGI	Subscribers	TSC CallID	BzTrkSts
0	SSW_INC_GRP			0	0	0	0
1	NEX_IPPBX_GRP			0	1	0	0

Figure 1-1

Click the "Group" menu on the upper menu items of REX-1000 and click the group name displayed as the group No. 0.



◆ Modify the main group

* Group Number	0
Area Code	
Register execution	0 (0 or 1)
Register execution IP	192.168.1.1
Domain Name	genietec.com
Authentication name	07000001111

Input of the "\*" is attached to the item can not be changed.

Save Cancel

Figure 1-2

Set the following items.

- ✓ Main number setting  
Enter the main number for interconnecting REX-1000 with an equipment in the external network.
- ✓ Register execution setting  
Enter the register execution. ( Execute : 1 , No execute : 0 )
- ✓ Register execution IP setting  
Enter the register execution IP.
- ✓ Register execution port setting

---

Enter the register execution port. ( Default : 5060 )

✓ Domain name

Enter the domain name to interconnect with an equipment in the external network.

✓ Register execution cycle

Enter the register execution cycle. ( Default : 1800 )

✓ Authentication name

Enter the authentication name to interconnect with an equipment in the external network.

✓ Authentication password

Enter the authentication password to interconnect with equipment in the external network.

### **1.1.2 Main group No. 1 setting**

The main group No. 1 setting can be done as the main group No. 0 setting. ( Except, the register execution setting might vary according to the interconnection issue with the upper external network. )

## **1.2 Adding a subscriber**

**1.2.1 Adding a single subscriber**

**1.2.2 Adding a multiple subscriber**

## 1.2 Adding a subscriber

### 1.2.1 Adding a single subscriber

Click the "Subscriber" on the upper menu of REX-1000.

**Subscriber-related information, instruction**

◆ Add subscriber terminals

* Subscriber number	Subscriber Name	Call Pickup Group
* Selecting a main group	Selecting Sub-Group	* Please select [TOLL_CALL]
Extension number	Outgoing Rates	FALSE [FALSE]
Overload Call Rates	Whether the call monitoring FLAG	NO_CHARGE [NO_CHA]
Billing Type	Call the billing type	IP_PHONE [IP_PHONE]
Instant Billing FLAG	Terminal type	
Personal Number	Authentication Password	
User Password	Whether invite authentication	FALSE [FALSE]
Whether to Authentication Flag		

◆ Input of the "\*" is necessarily stuck entered. [] in the information, "default" value.

**Add**

Figure 1-3

Set the following items.

- ✓ Subscriber No.  
Enter the user No.
- ✓ Subscriber name  
Enter the subscriber name.
- ✓ Selecting a main group  
Select a main group where a newly created subscriber will be attached to.
- ✓ Selecting subgroup  
Select a subgroup where a newly created subscriber will be attached to.
- ✓ Extension number  
Enter an extension number. ( Default : a 4-digit number at the end )
- ✓ Terminal type  
Set the terminal type. ( IPphone or Picophone )
- ✓ Personal number displayed when making an outgoing call to the external network  
Enter the number displayed when attempting to make a call to the external network.

# REX-1000 WEB CLI Operating Manual

After creating a subscriber by clicking "Add" button, you can confirm the added subscriber from the subscriber information tab.

Subscriber Num	Extension NO.	Main Group Name	Sub group name	IP	PORT	Call Status	Registration Status	Call ID
07076840100	100	GROUP_TEST	subGrp_test	0.0.0.0	5060	REGISTER_NONE	REG_NONE	0

Figure 1-4

## 1.2.2 Adding a multiple subscriber

Click the "Add multiple subscriber" menu located at the center of the screen.

### Subscriber-related information, instruction

◆ Add a single subscriber

• Add multiple subscribers

* Subscriber number	<input type="text"/>	* Generate the number of subscribers[1~50]	<input type="text"/>
* Selecting a main group	<input type="text"/> * Please select	* Selecting sub-group	<input type="text"/> * Please select
REGISTER EXECUTION IP	<input type="text"/>	REGISTER EXECUTION PORT	<input type="text"/> Call pickup Group (5060)
Terminal Type	<input type="text"/> IP_PHONE	Type of subscriber call state	<input type="text"/> IDLE (IDLE)

\* Input of the "\*" must be attached to the item entered.

Figure 1-5

- ✓ Enter the information of a subscriber to create by referring to the "Help" item on the "Add a multiple subscriber" item and click the [Add] button.

\*Subscriber number : Up to 16 digits  
\*Selecting a main group : Select from the main group  
\*Selecting a main group has already been registered : 1000100010001000  
IP\_ADDR : IP\_PHONE / AG\_PHONE / FAX\_PHONE / PICO\_PHONE  
Terminal Type

\*Generate the number of subscribers : 1~50  
\*Selecting sub-group : Choose from a sub-group has already been registered  
PORT : 1~65535 ...  
Type of subscriber call state : IDLE / REGISTER\_NONE

Input of the "\*" must be attached to the item and then click the Add button.  
All inputs for the rules to enter are added correctly.

Figure 1-6 ( Help for adding a multiple subscriber )

◆ Add multiple subscribers

*Subscriber number	07076840200	*Generate the number of subscribers[1~50]
*Selecting a main group	GROUP_TEST	*Selecting sub-group
REGISTER EXECUTION IP	PICO_PHONE	REGISTER EXECUTION PORT
Terminal type	IP_PHONE	Type of subscriber call state
Input of the "*" must be attached to the item entered.		
<b>Add</b>		

Figure 1-7 ( Adding a multiple subscriber )

- ✓ After adding a subscriber, the user can confirm the result and the added subscriber on the subscriber information tap.

◆ Add multiple subscribers, the results confirm

Start subscriber numbers	Generate the number of subscribers	Remarks
07076840200	5	Success: 5 / Fail: 0
<b>OK</b>		

Figure 1-8 ( Confirm the result of adding a multiple subscriber )

Subscriber Num	Internal Num	Main Group Name	Sub group name	IP	PORT	Call Status	Registration Status	Call ID
<input type="checkbox"/> 07076840100	100	GROUP_TEST	subGrp_test	0.0.0.0	5060	REGISTER_NONE	REG_NONE	0
<input checked="" type="checkbox"/> 07076840200	200	GROUP_TEST	subGrp_test	0.0.0.0	5060	REGISTER_NONE	REG_NONE	0
<input checked="" type="checkbox"/> 07076840201	201	GROUP_TEST	subGrp_test	0.0.0.0	5060	REGISTER_NONE	REG_NONE	0
<input checked="" type="checkbox"/> 07076840202	202	GROUP_TEST	subGrp_test	0.0.0.0	5060	REGISTER_NONE	REG_NONE	0
<input checked="" type="checkbox"/> 07076840203	203	GROUP_TEST	subGrp_test	0.0.0.0	5060	REGISTER_NONE	REG_NONE	0
<input checked="" type="checkbox"/> 07076840204	204	GROUP_TEST	subGrp_test	0.0.0.0	5060	REGISTER_NONE	REG_NONE	0

Figure 1-9 ( Result of adding a multiple subscriber )

## **1.3 Telephone exchange number**

### **1.3.1 Telephone exchange number setting**

## 1.3 Telephone exchange number

### 1.3.1 Telephone exchange number setting

Click the "Telephone exchange number" item among the upper menu of REX-1000.

**Command information related to Telephone exchange number**

◆ Additional Telephone exchange number

*Selecting a main group	*Please select	*Telephone exchange NO' Name	
*Telephone exchange NO'		Call Type	
*Telephone exchange NO' Type	*Please select	Maximum digits to receive	
Minimum digits to receive		Local call, Number of digits to delete	
Route Sequence	*Please select	Local call, Add digit	
Local call, Add digit numbers	[0]		
More limited type of call	RESTRICT_NONE		

◆ Input of the "\*" is necessarily stuck entered. [] in the information, "default" value.

**Add**

Figure 1-10 ( Adding telephone exchange number )

- ✓ Selecting a main group
  - Select a main group to set the telephone exchange number.
- ✓ Telephone exchange number
  - Set the telephone exchange number.
- ✓ Telephone exchange number name
  - Set the telephone exchange number name.
- ✓ Telephone exchange number type
  - Set the telephone exchange number type.
  - Set to NORMAL for outgoing calls
  - Set to PBX for incoming calls
- ✓ Call type
  - Set the call type.
  - Set to TOTAL CALL in case the telephone exchange number type is set to Normal
  - Set to GROUP CALL in case the telephone exchange number type is set to PBX
- ✓ Minimum digits to receive
  - Enter the maximum digits.
- ✓ Maximum digits to receive
  - Enter the maximum digits.

## REX-1000 WEB CLI Operating Manual

---

- ✓ Route sequence

Set the route sequence for the telephone exchange number.

※This setting should be done only if the telephone exchange number type is set to NORMAL.※

**The telephone exchange number type should be set for both the main group No. 0 and the main group No. 1 respectively.**

## **1.4 Route**

**1.4.1 SIP route setting**

**1.4.2 RSEQ setting**

**1.4.3 Media route sequence setting**

**1.4.4 SMS RSEQ setting**

**1.4.5 SYSTEM ACL setting**

## 1.4 Route

### 1.4.1 SIP route setting

Click the "Route" item on the upper menu of REX-1000.

**Information related to routing instructions**

◆ Add Route

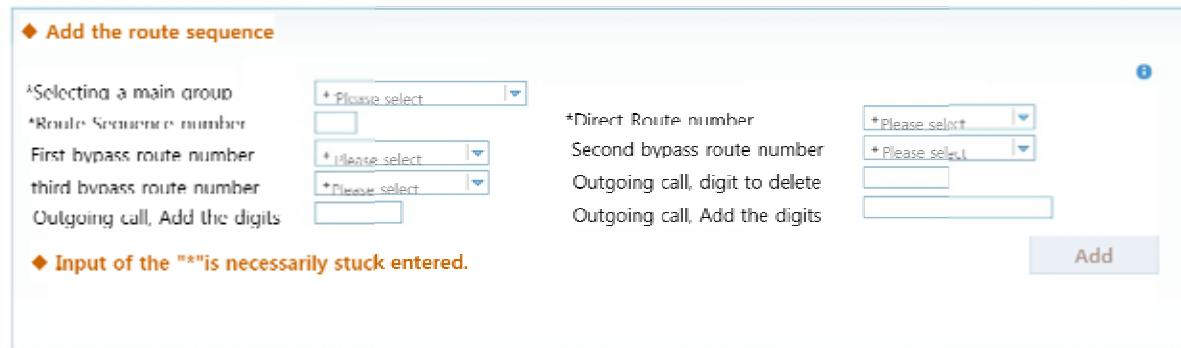
* Selections a main group	+선택하세요
Route number	<input type="text"/>
*IP address for sending and receiving SIP message	<input type="text"/>
SIP message domain name	<input type="text"/>
Incoming call, digit to delete	<input type="text"/>
Incoming call, Add the digits	<input type="text"/>
Broadworks Business Trunk Acceptance of standards	FALSE
◆ Input of the "*" is necessarily stuck entered. [] in the information, "default" value.	
<input type="button" value="Add"/>	

Figure 1-11 ( Adding SIP route )

- ✓ Selecting a main group
  - Select a main group to set SIP route.
  - SIP route setting should be done for both The main group No. 0 and The main group No. 1 respectively.
- ✓ Route No.
  - Set SIP route No.
- ✓ routename
  - Set SIP route name.
- ✓ IP address for sending and receiving SIP message
  - Enter IP address of an equipment to send and receive SIP message.
  - Enter IP address of upper SSW or SBC equipment interconnected with the external network.
- ✓ Port for sending and receiving SIP message
  - Enter the port to send and receive SIP message.
- ✓ SIP message domain name
  - Enter the domain name or IP address of SIP message.

## 1.4.2 RSEQ setting

Click the "Add route sequence" on the subordinate menu of the upper menu route.



◆ Add the route sequence

\*Selecting a main group  
\*Route Sequence number  
First bypass route number  
third bypass route number  
Outgoing call, Add the digits

\*Please select

\*Direct Route number  
Second bypass route number  
Outgoing call, digit to delete  
Outgoing call, Add the digits

\*Please select

\*Please select

◆ Input of the '\*' is necessarily stuck entered.

Add

Figure 1-12 ( Adding route sequence )

✓ Selecting a main group

The main group setting for the route sequence should be done only for the main group No.1.

✓ Route sequence No.

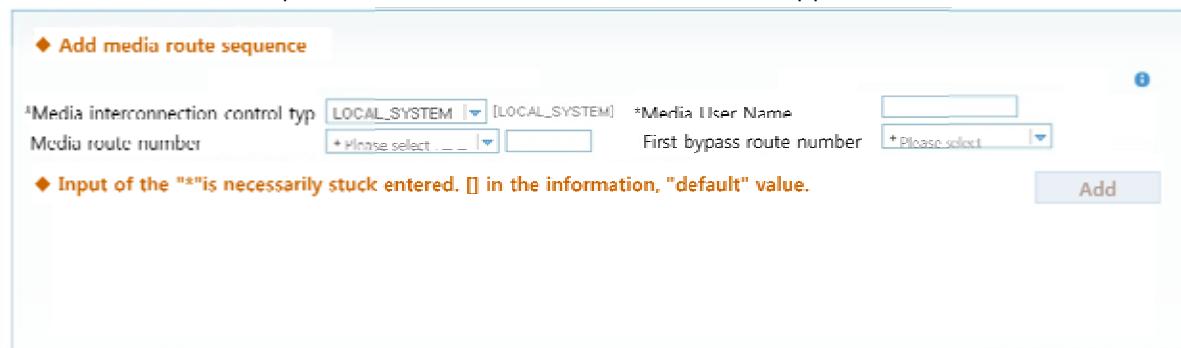
Enter any No. you want to use.

✓ Direct route No.

Select SIP route No. to map with the route sequence. Select SIP route No. set to the main group No.1 at this time.

## 1.4.3 Media route Sequence setting

Click the "Add route sequence" on the subordinate menu of the upper menu route.



◆ Add media route sequence

\*Media interconnection control type  
LOCAL\_SYSTEM

Media route number

\*Please select

\*Media User Name

First bypass route number

\*Please select

◆ Input of the '\*' is necessarily stuck entered. [] in the information, "default" value.

Add

Figure 1-13 ( Adding media route sequence )

✓ Media interconnection control type

Select LOCAL\_SYSTEM.

✓ media user name

Enter any name you want to use.

✓