



REMOTE COMMUNICATOR

RC-FS10



Virtual Radio/Dispatch Software for an IDAS™ NXDN™ Multi-Site Trunking & Conventional System

Site Tab

Up to 8 different IDAS systems can be programmed. Click the tab button to select the system for audio transmission and reception. With the auto vocoder function, the CT-24 automatically assigned to the selected system.

Function Buttons

Up to 40 function buttons are programmable. Individual call, group call, selective call, all call, stun, revive, kill, remote monitor, radio check, call alert, status call, status polling, emergency call, emergency alert, emergency, base (repeater) memory channel and repeater status are programmable.

Selective Call

When the selective call button is clicked, the selective call setting screen pops up and you can directly address the destination ID. Individual and group call buttons provide shortcuts to the frequently used destination ID.

Selective Call dialog box showing Call Type (Individual Call), Prefix ID (1), and ID (201). Buttons: OK, Cancel.

Individual ID List and Talkgroup ID List

The individual ID list and talkgroup ID list show all individual ID and group ID names. You can select the destination ID and make a call from the list.

Individual ID List						
Individual ID		Transmitted Call		Received Call		
No.	Prefix ID	Unit ID	Alias Name	Online	Status	Last Update
001	1	200	UNIT 1	-		
002	1	202	UNIT 2	-		09/14 10:46:00

Repeater Status

When the repeater status button is clicked, status information of the repeaters is displayed. The status information contains power supply voltage, PLL lock voltage, temperature and cooling fan status.

No	Address	Name	Voltage (V)	PLL Lock (TX) (V)
1	192.168.141...	SITE 1		

Communication Log

The log area displays communication and operation logs. The log file is automatically stored in a designated folder.

PTT Button

Press the PTT button to make a call. When used with the SM-26 or HM-152 microphones, both the microphone's PTT button and the PTT button on the screen can be used.

ANI

The ANI area displays caller and called ID/name information for easy recognition.

DTMF

Up to 31 digit code can be sent.

Call Information

When a function button is clicked, the destination ID is displayed. Check this information before press the PTT button.

Short Data Message & Status Message

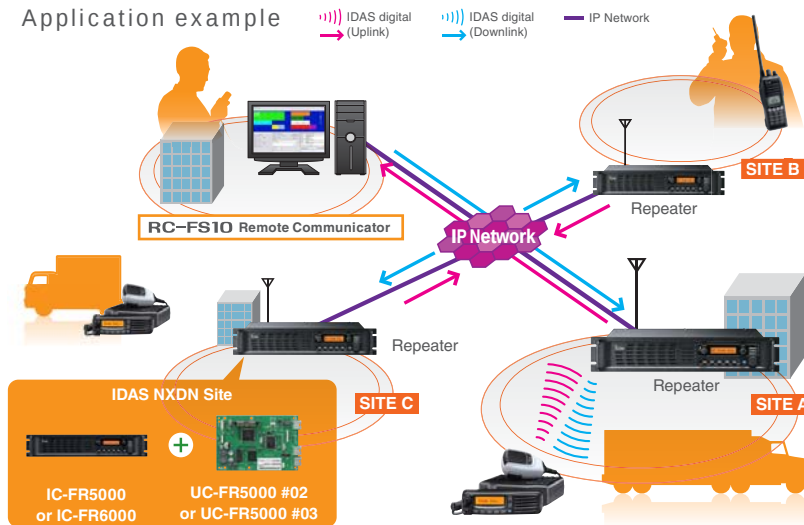
Up to 10 short data messages and up to 100 status messages are programmable for quick selection. You can directly write the short data message in the box.

Multiple Level User Password

A login process provides three levels of user access control for protecting the network settings and use of the RC-FS10.

LOGIN dialog box with fields for User Name and Password. Buttons: OK, Cancel.

Application example



The RC-FS10 Remote Communicator creates a virtual radio/simple dispatcher on a Windows®-based PC. It allows you to remote access IDAS NXDN repeaters via an IP network and communicate with IDAS NXDN radio terminals even from outside of the radio coverage area.

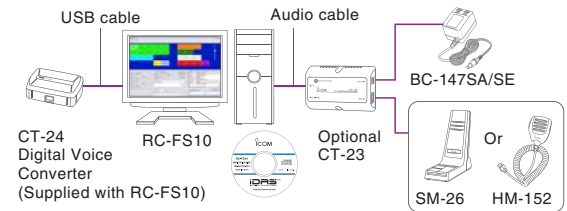
The RC-FS10 can be used not only for an IDAS NXDN trunking system, but also an IDAS NXDN conventional system*.

* To use the RC-FS10 in an IDAS system, either the UC-FR5000 #03 (for trunking system) or the UC-FR5000 #02 (for conventional system) is required to be installed in the IC-FR5000/FR6000 repeater.

OPTIONS



CT-23 PTT Microphone Adapter BC-147SA/SE AC Adapter SM-26 Desktop Microphone HM-152 Hand Microphone



- Optional CT-23 connects HM-152 or SM-26 microphone audio (RJ-45 jack) and PTT/Monitor signals to the 3.5mm stereo jack for connection with a PC. A stereo jack cable is supplied with the CT-23. AC adapter, BC-147SA/SE is required separately.
- Third-party PC headset or microphone may be used with RC-FS10. (Instead of SM-26/HM-152+CT-23)
- The digital voice converter, CT-24, is a USB device which converts microphone audio to an IDAS NXDN compatible digital signal. The remote communicator software will not work if the CT-24 is not connected.

SYSTEM REQUIREMENTS

- Operating system : Windows® XP SP3 or later (32-bit)
Windows Vista® SP2 or later (32-bit/64-bit),
Windows® 7 (32-bit/64-bit)
- CPU : Intel® Pentium® 4 1.6GHz CPU or better
- Memory : 512MB or higher (for Windows® XP)
1GB or higher (for Windows Vista® and Windows® 7)
- Hard disk space : 100MB of disk space
- Audio : DirectSound compatible audio
(Frequency response up to 20kHz, sampling rate 48kHz)
- Display resolution : 1024x768 pixel or more
- Other : CD-ROM drive, USB 2.0 port,
10Mbps or faster Ethernet interface,
speaker, microphone or headset

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