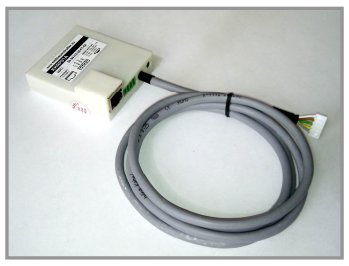
ENGLISH

QUICK START MANUAL

Online Controller KKRP01A

1. About Online Controller

Online Controller is an auxiliary module, especially designed for Daikin air-conditioning units (A/C), which enables to connect indoor split unit into IP network through Ethernet. User can easily monitor and control the air-conditioner from remote place using PC, PDA or SmartPhone.



Picture No. 1

2. Packaging content

The package includes:

- Online Controller device with connected system cable 1,3 m
- **MAC address** of KKRP01A is written on the nameplate on a plastic cover

3. Installation of Online Controller

Note: Detailed installer guide is a part of the service manual, which is available on www.onlinecontroller.eu/en/download or on Daikin Extranet.

This device may be installed only by an authorized person for the installation and service of Daikin A/C units. Please follow the safety instructions in the air-conditioner manual.

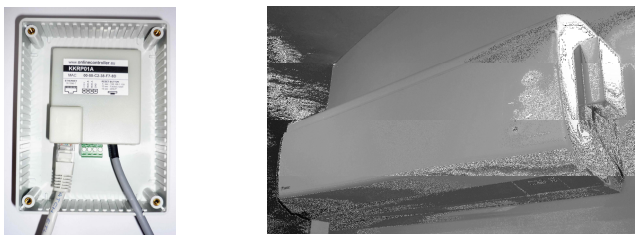
3.1. Switch the power supply OFF

Switch the A/C breaker OFF. Then, check if power supply is really OFF.

Remove the cover panel and then the shield plate from electronic switch box. Please follow the technical details in corresponding A/C manual!

3.2. Find the suitable place for installing of adaptor KKRP01A

Online Controller is designed with plastic box with dimensions (60 x 64 x 20 mm). There are a lot of possibilities, where to place the adaptor. There are some examples in picture no. 2.



Picture No. 2 – Examples of placement of adaptor KKRP01A

Put the adaptor KKRP01A into suitable electric box. If the selected position exceeds the length of the original cable, it has to be used the optional "External Mounting Kit KKRPM01A". It will enable to increase the total length of the system wiring up to 100m.

3.3. Wiring connection

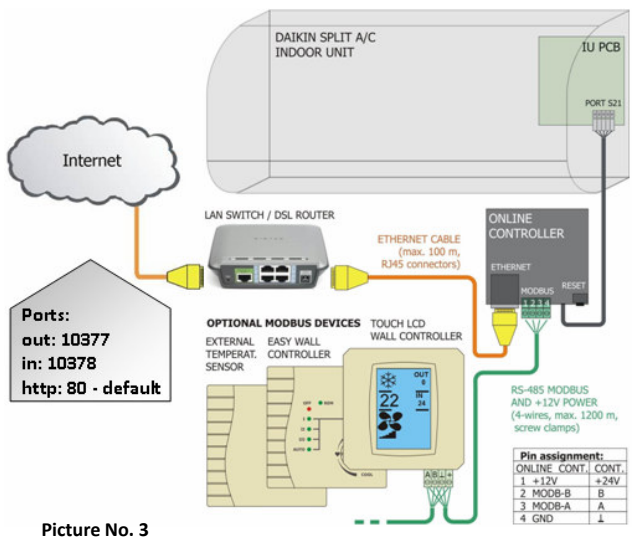
(See in the picture no. 3)

1. Find S21 connector placed on PCB and plug Online Controller system cable in.
2. Connect Ethernet patch cord (not included) into Online Controller Ethernet RJ-45 socket. Second connector of the patch cord plug into the free socket of the switch/router/PC.
3. Turn the computer on and be sure that this LAN connection is active - the LEDs on computer LAN socket and Online Controller LAN socket are flashing or lighting.
4. If Touch LCD or Easy wall controller is used, connect 4-pin cable into Modbus connector.

3.4. Fixing and closing

Fix Online Controller at the selected place, use binders to fix all cables, too.

4. Description of the inputs/outputs



Picture No. 3

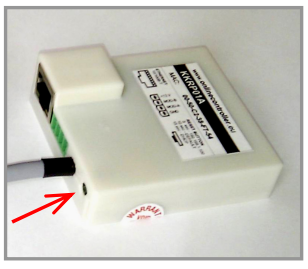
5. Online Controller first configuration

There are two different ways, how to setup Online Controller:

- Using STATIC IP address, DHCP function is disabled
- Using DYNAMIC IP addressing, DHCP is enabled, **PLUG&PLAY**

5.1. **STATIC IP address**, DHCP function is disabled, 5s or 10s RESET

This setting is factory default, therefore it is not necessary to use RESET button (see picture no. 4).



Picture No. 4 – hardware RESET

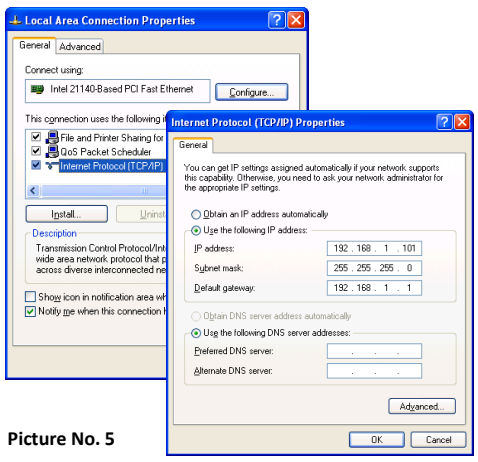
LAN (Local Area Network) infrastructure (where Online Controller is going to be installed) must contents integrated switch or router and its parameters must be known.

5s RESET: Push and hold RESET button for 5 seconds (yellow LED on Ethernet connector flashes once). Then release RESET button.
Network settings after procedure are set to default:
Online Controller IP address: 192.168.1.100,
Subnet mask: 255.255.255.0,
Gateway IP address: 192.168.1.1

10s RESET: Push and hold RESET button for 10 seconds (yellow LED on Ethernet connector flashes twice). Then release RESET button.
Network settings after procedure:
Default network settings (see above),
DNS1, 2, 3 IP addresses: 192.168.1.1,
Controller name (default is Controller) and other values are erased.

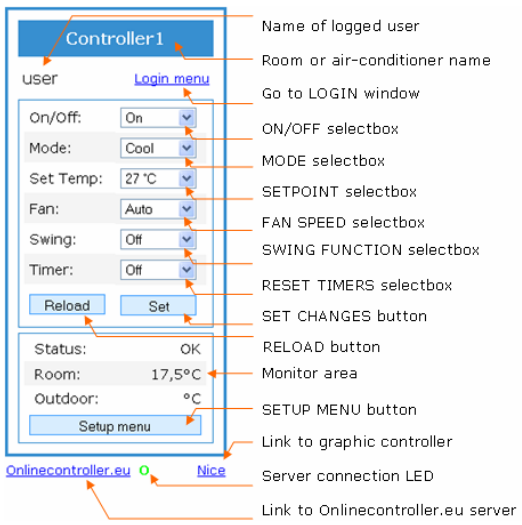
To avoid of IP conflict in network, plug the second end of LAN cable directly to your computer (must be turned on).

Please ask reliable network administrator to perform the following steps or ask him for support.



Picture No. 5

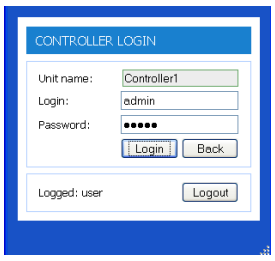
1. The computer network settings
   Start menu – Control Panel – Network Connections, right click on icon Local Area Connection and choose Preferences. Find the Internet Protocol (TCP/IP) and click on Preferences button. Remember its current IP settings and then set new ones on your computer Ethernet Card manually, (see the picture no. 5).
   Temporary network settings of computer:
   1. Fix IP address: 192.168.1.101
   2. Subnet Mask: 255.255.255.0
   3. Gateway IP address: 192.168.1.1
2. Start your favourite web browser (f.e. Internet Explorer, Mozilla Firefox, Google Chrome…)



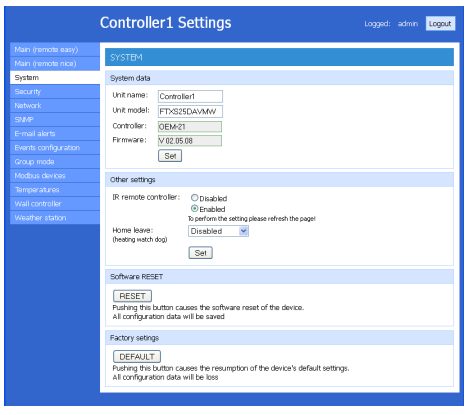
Picture No. 6

Type the IP address of Online Controller to address bar of web browser. The Main (remote easy) screen will be loaded (see picture no. 6).

3. Click on Login menu link or Setup menu button. Login screen will be loaded (picture no. 7). For access to Setup menu type the access parameters – Login: **admin** and Password: **admin** and click on Login button. You will be logged in as administrator and have approval for entering the setup of Online Controller.

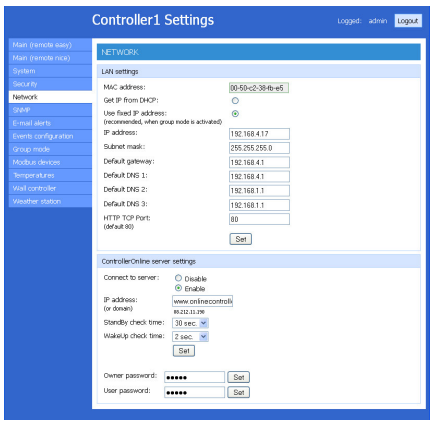


Picture No. 7



Picture No. 8

4. For changing the default IP address choose the Network settings. Network page will be loaded (picture no. 9).
   Confirm your new settings by clicking on appertaining Set button.
5. Starting operation in the real network
   Now you can drag out the computer end of the Ethernet RJ-45 cable from your computer and insert it to LAN Network. Set back previous settings of computer LAN card. Type the new IP address of Online Controller into address bar of web-browser.



Picture No. 9

6. Controlling via server – requested settings
   For control your A/C unit via server, open Setup - Network page, switch marker to ☉ Enable for connecting the server and write domain of server *www.onlinecontroller.eu*. Confirm with Set button. It is also possible to change Owner password (default setting is **owner**, picture no.9).

5.2. **DYNAMIC IP addressing,** DHCP enabled, 15s RESET, **PLUG&PLAY**

This setting allows user to set up network parameters easier. "DHCP enable mode" is switched ON and at once its communication to server *www.onlinecontroller.eu* will be switched ON as well. Other parameters keep the previous values. This causes, that the network settings will be automatically obtained from DHCP server (LAN network with active DHCP server is needed) and Online Controller will communicate with onlinecontroller.eu server (active internet connection is needed).

15s RESET: Just plug the system and Ethernet cable, push and hold RESET button for 15 seconds (yellow LED on Ethernet connector flashes three times). Then release RESET button.

Close the shield plate of electronic unit and mount cover panel of the unit back.

Current IP address will be shown by server in ADD-FORM (read below).

The router, firewall or/and gateway must have opened the port 10377 for transmitting packets and port 10378 for incoming packets.

6. ONLINECONTROLLER.EU server

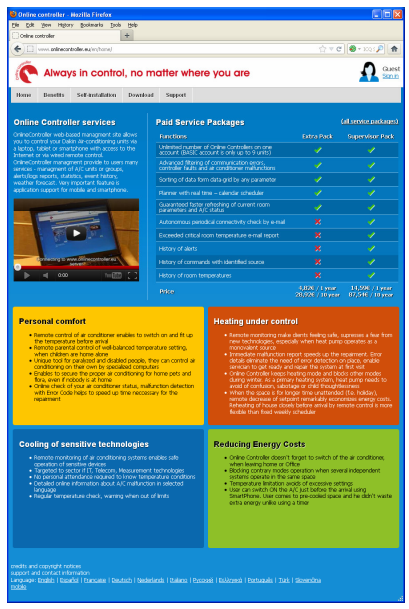
6.1. Home page

Open web browser (f.e. Internet Explorer, Mozilla Firefox, Google Chrome…) and type ***www.onlinecontroller.eu*** into address bar. Home page will be loaded (see picture no. 10).

Click on Download link and download *User manual for KKRP01A* in your language (picture no. 11). Follow the instructions in manual.

For login to your installer's account press Sign in button.

If your own account does not exist yet, ask your local Daikin administrator for creating it or use Self-installation method (read User manual, chapter 2.14. Self-installation).

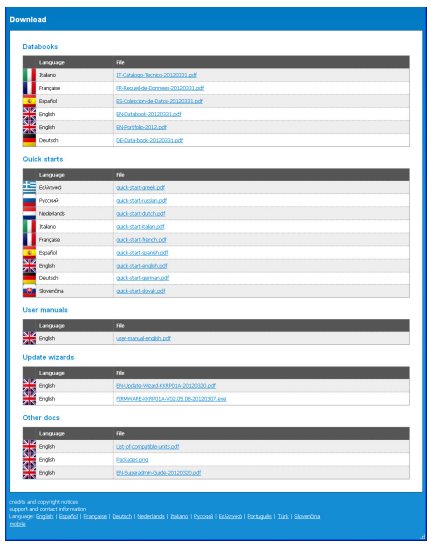


Picture No. 10

CREATING of NEW USER'S ACCOUNT:

1. Installer adds new Client to the system
2. Installer creates new user account (belonging to the Client)
3. Installer activates new devices and assigns them to existing user's account.

For detailed instruction read *Installer's guide* (log in to your installer account and download it from Download section). It is recommended to read also *User manual for KKRP01A*, chapters 2.9.3. Info about Client and 2.9.4. Designated installer.



Picture No. 11

CONTINEO, s.r.o. and COLTBURG, s.r.o. declare that the product KKRP01A is in identity with requirement and other clauses of directive 2006/95/EC and 2004/108/EC.

Directive 2002/96/EC WEEE is a EU legislative standard, which the main purpose is, as a first priority, the prevention of waste electrical and electronic equipment (WEEE), and in addition, the reuse, recycling and other forms of recovery of such wastes so as to reduce the disposal of waste. Do not put this product into common household waste. Return it to an appropriate centre for electric and electronic waste.