



johansson 8751 Standalone Remote Management Unit User Manual

[Home](#) » [johansson](#) » johansson 8751 Standalone Remote Management Unit User Manual 



User Manual Standalone Remote Management Unit Ref. 8751



Contents

- 1 INTRODUCTION
- 2 INSTALLATION OF THE HARDWARE
- 3 USING UCLOUD
- 4 TECHNICAL SPECIFICATIONS
- 5 CONDITIONS OF WARRANTY
- 6 Documents / Resources
 - 6.1 References
- 7 Related Posts

INTRODUCTION

Product description

The Standalone Remote Management Unit (RMU) enables you to remotely configure and monitor a specific headend installation. This drastically reduces on-site maintenance, saving you time and money. The RMU is a very smart and powerful solution that connects with iCloud (www.ucloudserver.com), a server hosted by UnitronGroup. The UUI tool that runs on this server enables you to connect to any of your installations with any PC or Internet-connected device.

- wall-mountable module
- very simple installation (plug-and-play)
- no network knowledge is needed
- very cost-efficient solution for remote monitoring and alarming
- compatible with Titanium

Package contents

- 1x RMU (ref. 8751)
- 12V 1A wall adapter

Safety Instructions



Read these instructions carefully before connecting the unit:



To prevent fire, short circuit, or shock hazards:

- Do not expose the unit to rain or moisture.
- Install the unit in a dry location without infiltration or condensation of water.
- Do not expose it to dripping or splashing.
- Do not place objects filled with liquids, such as vases, on the apparatus.
- If any liquid should accidentally fall into the cabinet, disconnect the power plug.



To avoid any risk of overheating:

- Install the unit in a well aery location and keep a minimum distance of 15 cm around the apparatus for sufficient ventilation
- Do not place any items such as newspapers, tablecloths, or curtains, on the unit that might cover the ventilation holes.
- Do not place any naked flame sources, such as lighted candles, on the apparatus
- Do not install the product in a dusty place
- Use the apparatus only in moderate climates (not in tropical climates)
- Respect the minimum and maximum temperature specifications



To avoid any risk of electrical shocks:

- Connect apparatus only to socket with protective earth connection.
- The mains plug shall remain readily operable
- Pull out the power plug to make the different connections of cables
- To avoid electrical shock, do not open the housing of the adapter.



Maintenance



Only use a dry soft cloth to clean the cabinet.



Do not use solvent



For repairing and servicing refer to qualified personnel.



Dispose of according to your local authority's recycling processes.

INSTALLATION OF THE HARDWARE

Install the unit in a well aery location and keep a minimum distance of 15 cm around the apparatus for sufficient ventilation.

Power the RMU with the power supply and connect it to a Titanium with an Ethernet cable.

Status LED (2 COLORS)

After powering the RMU, the LED will follow a sequence of colors.

It begins with blinking red → UUI not starting up and not connected to the cloud.

In less than 1 minute the LED turns solid red → connected to the server but UUI is not started up.

After 3 minutes the LED turns solid green → UUI started up and connected to the cloud.

Now the RMU is ready to use.

There are 4 different states:

	UI active	UI not active
CONNECTED TO THE CLOUD	Solid Green	Solid red
NOT CONNECTED TO THE CLOUD	Blinking green	Blinking red

Reset Button

- Push the reset button firmly for 3 seconds → Restart with IP release, slow red blinking of Alarm LED
- Push the reset button firmly for 10 seconds → Factory and IP reset, fast red blinking of the Alarm LED

Conditions to make a successful connection

You need an internet connection at both locations (the RMU and your PC). Ask the administrator in case the remote connection does not work (status LED is blinking):

The firewall at the RMU location must allow incoming traffic from ports 80&443 (HTTP and https) and port 22 (SSH). Any outgoing ports can be blocked. Connecting to the RMU

Connection to the RMU can be made from different locations:

- If you have the internet on your pc and the RMU you can connect using the remote access platform “iCloud”. To connect to the RMU open your web browser and go to the RL: <https://www.ucloudserver.com>. If this is the first time you are using the remote access platform you will need to create an account. From there on, you are able to create new locations (new installations) and manage all your existing locations from a single remote connection.
- If you don't have an internet connection you will need to connect both your pc and the RMU to the same network. To connect to the RMU open your web browser and go to **http://rmu:8888** or the URL **http://<RMUIPAddress>:8888 (change <RMUIPAddress> to the IP of your RMU)**. The default username is “admin” with the password “UI”. If you connect without the internet you can use the UI but can't use the “uCloud”.\

USING UCLOUD

1. Go to <https://www.ucloudserver.com/>
2. Create an account and log in
3. When logged in, click “Digital Modular Headend”
4. Add your remote system by clicking on “+ New” on the left side of the menu
5. Fill in the system details and the RMU key, and click create to continue.
6. When the location is connected, it will appear on the left side of the menu.
7. To have remote access and control, click on the location, then click on “Connect” in the top right corner of the menu. This will open as a pop-up screen or a new tab.

TECHNICAL SPECIFICATIONS

8751- RMU		
GENERAL		
Dimensions	Mm	222 x 142 x 50
Operating Temperature	°C	0 to +50
Power supply voltage	VDC	12
Consumption	A	0,2
User interface	–	UUI www.ucloudserver.com
ETHERNET OUTPUT		
Connector	–	F0-45
Standard	–	Ethernet 10/100/1000Base-T
Version	–	IPv4 (IPv6 ready)
Mode	–	Full-duplex
Protocols		ARP, ICMP, TCP/IP, HTTP, FTP, DI-ICP

CONDITIONS OF WARRANTY

Unitron N.V. warrants the product as being free from defects in material and workmanship for a period of 24 months starting from the date of production indicated on it. See note below.

If during this period of warranty the product proves defective, under normal use, due to defective materials or workmanship, Unitron N.V. at its sole option, will repair or replace the product. Return the product to your local dealer for reparation

THE WARRANTY IS APPLIED ONLY FOR DEFECTS IN MATERIAL AND WORKMANSHIP AND DOES NOT COVER DAMAGE RESULTING FROM:

- Misuse or use of the product out of its specifications.
- Installation or use in a manner inconsistent with the technical or safety standards in force in the country where

the product is used

- Use of non-suitable accessories (power supply, adapters...).
- Installation in a defective system.
- External causes beyond the control of Unitron N.V. such as drops, accidents, lightning, water, fire, improper ventilation...

THE WARRANTY IS NOT APPLIED IF

- The production date or serial number on the product is illegible, altered, deleted, or removed.
- The product has been opened or repaired by a non-authorized person.

NOTE

The date of production is YYWW format, for example, 1447 = the year 2014 – week 47. For the serial number barcodes, the date corresponds to the 4 first numbers

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Unitron reserves the right to change the specifications of the hardware and software described in these manuals at any time.

Unitron cannot be held liable for any damages resulting from the use of this product.

Specifications are subject to change without notice. 5/21

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References

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